

the end of February, 1887 will
be considered hereafter.

Dec
19/1/87

14332 c 6.12.86
3983 c 11.11.86

B. H. 169 Wd/20 Jan/87

To
The Supg. Engr. J. Mr. Schenck
Chief Engineer for Irrigation
Supg. Engrs, III, IV, V and VI
Circles.

Dec
21/1/87

Cu

Dec
21/1/87

G.D. No. 527W
 Dated 26 February 1886.

Store Book Division and	
Jelly Cattle to Hunt	
14 Sarsars	84
Jelly Cattle to Hunt	
1 Blank 3rd Class	60
1 do II do 1st do	40
1 do II do II do	30
1 do II do III do	20
1 do II do III do	20
1 Drabbinan	50
1 do	20
1 Cuffengr	76
1 do	
Jelly Cattle to Hunt	
3 Blank 3rd Class	60
4 do II do 1st do	60
4 Cuffengr	18

Store Book Division and	
Jelly Cattle to Hunt	
8 Sarsars	48
Jelly Cattle to Hunt	
1 Blank 3rd Class	50
1 do II do II do	30
1 do II do III do	20
1 Drabbinan	35
1 do	20
1 Cuffengr	76
1 do	
Jelly Cattle to Hunt	
2 Blank 3rd Class	40
2 Cuffengr	12

Grand Total 11768
 7360
 Total for instance 4408
 do for instance 5296

Grand Total 7360
 Total for instance 188
 do for instance 2256
 5702

Chapman
 December 1886

Wm. Smith
 all year 1886
 Chapmangrove
 and

No. 527 W
 Dated 26^e February 1886.

Office of Executive Engineer

	1770
<u>to the Bank & interest</u>	
Betty Cotallohnunt	
Saeard	84
for Cotallohnunt	
Hank's Sup ^d & Land	60
Xo w Xo 1st Xo	40
Xo w Xo π	30
Xo w Xo π	20
Xo w Xo π	20
Stratman	50
Xe	20
the fangs	7
Xe	7

[illegible]

10	
40	
"	
"	
20	
15	
"	
"	
"	

Excelsior Engineer No. IV Tank Division

3	Chenille	18
4	do	do
3	Chenille	18

2	Black & white	40
2	Black & white	40
2	Black & white	40

2066

[illegible]

10012 Dark Blue
" Engineering Settlements
" Imperial Engineering 4000

152	452
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[illegible]

1	1	250
1	1	150
2	2	150

52 " 160

No 527 W
February 1886.

of Executive Council

1st Tank Division cont

Office Catalogue

1	Blank envelope 60	
1	do II do 1st 40	
1	do II do II 30	
1	do II do III 20	
1	do II do III 20	
1	Draktonian 62	
1	do 35	
1	do 20	
1	do 20	
1	do 76	

2nd Tank Division cont

Office Catalogue

1	Blank envelope 50	
1	do II do II 30	
1	do II do III 20	
1	Draktonian 66	
1	do 20	
1	do 76	

G.O.
Dated 26

Office

1st Tank Division

3	Blank envelope 60	
4	do II do 1st 60	
3	do 18	

2nd Tank Division

2	Blank envelope 40	
"	" 40	
2	do 12	

1st Tank Division

Engineering Catalogue

1	Blank envelope 60	
1	do 1st 450	

2nd Tank Division

Engineering Catalogue

1	Blank envelope 450	
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1st Tank Division

Engineering Catalogue

1	Blank envelope 300	
1	do 3 do 250	
1	Blank envelope 150	
3	do 240	

2nd Tank Division

Engineering Catalogue

1	Blank envelope 250	
1	Blank envelope 150	
2	do 160	

10
40
" 20
" 15
" 20
" 20
4

20
60
6

150
450

50
250
" 80

No. 41307

OFFICE OF SUPERINTENDENT OF WORKS,

TANK MAINTENANCE SCHEME,

14th December 1886.

From

Chief Engineer
THE SUPERINTENDENT OF WORKS,
TANK MAINTENANCE SCHEME,

To

THE *Chief Engineer I.W.D.*
Thro' the Chief Engineer for Irrigation

Enclosures. /

SIR,

1 In reply to your letter No. 4332C, dated 6th Instant, I have the honor to submit in form No. 1184 the reduced strength of Establishment necessary for the continuance of Tank Maintenance operations for 1887-88.

2 In an economical point of view, I have carefully gone into the matter and find that the very lowest possible scale of Establishment necessary is that given in the proposed column of the statement herewith submitted and which is somewhat in

accordance with the proposals
made in my note to you. ^{+ dated}
5th Nov/86

3 The Tank establishment
being a special
one, I have ventured to reduce
the Engineer Establishment in
addition to the other establishments
as the strength of the former was
originally intended for the double
purpose of investigation and
construction but as the latter
duty has since been transferred
to the regular establishment and
moreover as it is now proposed
to reduce the strength of the upper
subordinates, I consider that one
Temporary Assistant Engineer in
each Division, is sufficient to
conduct and control investigating
operations but they should
be men of experience selected
from the ranks of the deserving
upper subordinates of the permanent
establishment as far as possible

as the work of investigation not
only requires theoretical and practical
knowledge but it also requires
a considerable amount of experience
it is therefore necessary that the
controlling heads of the investigating
parties should have a thorough
knowledge of tank and channel
irrigation.

4 As regards the upper
subordinate establishment, the
present number of Overseers for
each Division, may be reduced
from 4 to 2 this will reduce the
number of Sub Divisions, from
three to two.

5 The reduction of the
Engineer and upper subordinate
establishments will necessarily
affect the strength of the Petty
and Office establishments the latter
I propose should be reduced from
1st to 3rd class Office for the
Divisions, and my own office

establishment, as recast in my
Note, is given in the statement.

6 The total saving per
annum that will be effected
by the proposed arrangements will
be Rs 528 96 and this is about
as much as can be effected with
due regard to the proper outturn
of work.

7 I have not been informed
if the arrangements proposed in my
Note of 5th November 1886, were approved,
and consequently I have not adhered
to the arrangement entirely. If sanctioned
the statement herewith submitted will
require some modification the chief
of which will be that the proposed establish-
ment will have to be divided amongst eight
Divisions instead of four.

I have the honor to be
Sir,

Your most obedt servant
Wm. Campbell Esq. Secy. R. G.
Wellington

1886.

From

THE SUPERINTENDENT OF WORKS,

Tank Maintenance Scheme,

To

THE

Chief Engineer
for Irrigation

No. 4130

Dated 14-12-86

Despatched

Received

ENCLOSURES.

Subject.

Encl. statement of
the present and proposed
Scale of the Tank Scheme
Establishment as required
by Chief Engineer's Memo No 4332C
dated 6 Dec/86

N^o 1 Encl

Note by the Offg. Chief Engr. for Irrig.

It may, the undersigned considers, be taken for granted that the retention of the Tank Maintenance establishment on anything like its present scale is impossible and that unless a material addition is made to the provisional grants for Irrigation for 1887-88, its retention as a separate establishment on any work at all is not to be thought of.

2 It is still uncertain whether the increases in the Irrigation grants which this Government has asked for will be given, but taking the grants as they now stand, and as they have been adopted for the preliminary issue of the Budget for 1887-88, it is considered that the following provisional arrangements should be made.

3 The present Divisional establishments to be discharged and the records & belonging to the Divisions to be transferred to the ordinary divisions within whose area they are working, i.e. N^o I to the Madura Division, N^o II to Chingleput, N^o III to Hurnool and N^o IV to Coimbatore.

The latter Divisions will undertake the duty of completing the surveys

of the minor basins already begun and of working out as under existing arrangements the estimates already submitted by the Tank Maintenance Staff. No additional charge to establishment will be involved by this course, as the cost of Survey parties will be debitable to "Works" and the engineering supervision must be provided for by the regular establishment.

The funds will be provided from the ordinary grant, but it will be desirable to keep separate records of expenditure on the basins already taken in hand, and the Supg: Engrs concerned will be requested to state what proportion of the available grants for their Circles should be set apart for this purpose.

4 The compilation of the plans and memoirs now undertaken by the Supg: Engrs' Office, Tank Maintenance Scheme should be transferred to this Office, and for this purpose it is desirable that a small portion of the present Supg: Engrs' office should be retained if possible. The establishment which it is considered desirable to retain is

Clerk	1 st Class	III grade	Rs 210
II	"	II "	35
II	"	III "	20
Draftsman	(Special)		84
			60

5 It is very important that the systematic record and compilation of plans and memoirs should be continued on the same principle as at present, and some of the members of the existing office who are accustomed to, and understand the work, should be retained for that purpose.

6 In the event of additional funds becoming available hereafter the Tank Maintenance operations may be extended to other districts on the plan proposed by the Supg: Engr. in his Memo. No. X of 5 Nov 86 as modified by the Note of the undersigned dated 15-11-86 but it is impossible to prepare any definite scheme for this purpose until it is known whether such additional funds are likely to be forthcoming.

x to be filled in
in Works Office

John P. S. J.

St Col St
offg Chief Engr for Brigs.

Chepa R

12th January 1887

To The Chief Engineer
D.P.W.

Ans 200

low

Major Campbell's
previous note, & E.I.'s
note thereon, are
understood to
be with you -

Ans
13.1.87

I have put the previous note
in the file. I think it is
necessary to issue orders that
the record, office furniture &c
should be handed over to the
permanent Dist. officer, as recom-
mended by the E.I. in his
present note, before end of
February, otherwise men will have
to be kept on for the transfer.
The question of what should be
retained after end of Feb. must I
think stand over till it is finally
settled what what we can
maintain.

Ans
14/1/87.

E. I. Form No. 22.

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the

20 Jan 1887
READ the following:-

Note by the Superintending Engineer T. M. Scheme H. E. N^o. 475th November 1886
Note by the Chief Engineer for Irrigation " N^o. - of 15th November 1886.
Letter from the Suptg Engineer T. M. Scheme H. E. N^o. 41307 of 14th December 1886.
Note by the Chief Engineer for Irrigation " N^o. 1 E. W. of 12th January 1887.

The Superintending
Engineer Tank Maintenance
Scheme should make arrangements
to hand over to the ordinary
divisions before the end of
February 1887, the records, office
furniture &c of the several Tank
divisions, viz those of No I Division
to the Madurai Division, No
II to the Punglesh Division,
No III to the Kurnool Division
and No IV to the Coimbatore
Division -

2. The question of
the establishment to be
retained for Tank mainte-
- nance operations after

the