(1) பக்கங்களின் எண்ணிக்கை 96

(2) புதுக்கித் திருப்பிய நாள் 25.11.89

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

# தமிழ்நாடு ஆவணக் காப்பகம்.

## தமிழ்நாடு அரசு

P.W.D துறை

அரசாணை எண். / மு. கோப்புத் தாள் எண். 1234-W

அச்சகம் / பலவகை

நாள் : 28. 4. 1890 198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

ஆவண. கா-1—18,006—15-6-87.

1

SUPERINTENDING ENGINEER'S OFFICE,
V Circle, Madras,

No. 7026.

Chepák, 28 January 1890

From Col. W.H. Burton R.E.
SUPERINTENDING ENGINEER, V CIRCLE,

To

THE Chief Engineer
P.W. Department.

SIR,

Enclosures.

With reference to your Memorandum No. 460c dated 24° January 1890, I have the honor to report that Superintending Engineers duties relating to Military Works in the Presidency Division were handed over to Colonel Tonkins R.E. on the 11° January 1890 and those relating to the Civil Works

to the Consulting Ar-
chitect on this date

I have the honor to be
Sir
Your Most Obed.t Serv.t
W.A. Bruton. Coll. R.E.
Supg Engr 5 Circle

2

From
The Supg Engineer
5th Circle

To
The Chief Engineer
P. W. Department.

Dated 28th } January 1890.
Recd. }

Encl.

No. 460 C of 24-1-90
" 96 C " 9-1-90

Hd.

R

Recorded
31 Jan

10-4-11

Recd. 14th
1-90

29 JAN 90

No. 7026

Reports that he handed over the duties of Supg. Engineer relating to Military Works in the Presidency &c to Colonel Tomkins R.E. on the 11th January & those relating to the Civil Works to the Consulting Architect on this date.

2/

E. L. C
12/2/90
[illegible] 13/2

30-1-90

---

P. W. D.

5

To the Secy to the Govt of India
P. W. D.

Sir,

With reference to para 4 of the Pros. of this Govt. No. 3645 W dated 21st Decr 1889, forwarded with the dept. endorsement No. 3646 W of the same date, I am directed to state that consequent on the transfer of military works to the Military Works Department, and the closure of the Presidency and Nilgiri divisions, the establishment of the Madras P. W. Dept. has been reduced by two Ex. Engrs and six upper subordinates. The Cadre of 85

[illegible]

superior officers sanctioned in your letter No 3042 G dated 29th November 1888 has thus become 83, and the total number of upper subordinates has been reduced from 185 to 179 –

2 – I am to request that the formal sanction of the Govt. of India may be conveyed to these reduced figures.

I have &c

18.6.90

recd 21/4/90

F. G.O. No. 3884 W.A / 10-12-93

[illegible] 21/4/

Note after issue please

[illegible] that [illegible] Octr

[illegible] 21/4

E&C 21/4
OL 5 43.18
[illegible] 19.1.18

4

2

## Scale of Executive Establishment, 1890-91.

| — | Scale, 1889-90. |  |  |  | Scale proposed by Superintending Engineers. |  |  |  | Sanctioned scale, 1890-91. |  |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | Sub-Divisions. | Executive Engineers. | Assistant Engineers. | Upper Subordinates. | Sub-Divisions. | Executive Engineers. | Assistant Engineers. | Upper Subordinates. | Sub-Divisions. | Executive Engineers. | Assistant Engineers. | Upper Subordinates. |
| Rushikulya .. .. | 3 | 1 | 2 | 5 + 1 | .. | 1 | 2 | 5 + 2 | .. | 1 | 2 | 6 + 1 |
| Ganjam .. .. .. | 3 | 1 | .. | 4 + 5 | .. | 1 | .. | 4 + 6 | .. | 1 | .. | 5 + 5 |
| Vizagapatam .. .. | 3 | 1 | 1 | 6 | .. | 1 | 1 | 6 | .. | 1 | 1 | 6 |
| Godávari, East .. .. | 5 | 1 | 2 | 8 | .. | 1 | 2 | 9 | .. | 1 | 2 | 9 |
| Do. West .. .. | 3 | 1 | 1 | 6 | .. | 1 | 2 | 8 | .. | 1 | 2 | 8 |
| Do. Central .. | 2 | 1 | 1 | 5 |  |  |  |  | .. |  |  |  |
| Tank No. VII Party .. | .. | .. | .. | 0 + 2 | .. | .. | .. | 0 + 2 | .. | .. | .. | 0 + 2 |
| Do. „ VIII „ .. | .. | .. | .. | 0 + 1 | .. | .. | .. | 0 + 1 | .. | .. | .. | 0 + 1 |
| Total .. | 19 | 6 | 7 | 34 + 9 | .. | 5 | 7 | 32 + 11 | .. | 5 | 7 | 34 + 9 |
| Kistna, East .. .. | 2 | 1 | 1 | 5 | .. | 1 | 2 | 6 | .. | 1 | 2 | 6 |
| Do. West .. .. | 2 | 1 | 2 | 6 + 1 | .. | 1 | 2 | 6 + 1 | .. | 1 | 2 | 6 + 1 |
| Gudiváda .. .. .. | 2 | 1 | .. | 3 + 1 | .. | 1 | 1 | 3 + 1 | .. | 1 | 1 | 3 + 1 |
| Nellore .. .. .. | 3 | 1 | 3 | 9 | .. | 1 | 3 | 10 | .. | 1 | 3 | 10 |
| Buckingham canal .. .. | 3 | 1 | 1 | 8 | .. | 1 | .. | 6 | .. | 1 | .. | 6 |
| Total .. | 12 | 5 | 7 | 31 + 2 | .. | 5 | 8 | 31 + 2 | .. | 5 | 8 | 31 + 2 |
| Bellary .. .. .. | 3 | 1 | 1 | 5 | .. | 1 | 1 | 6 | .. | 1 | 1 | 6 |
| Cuddapah .. .. .. | 2 | 1 | .. | 5 | .. | 1 | .. | 5 | .. | 1 | .. | 5 |
| Kurnool .. .. .. | 4 | 1 | 1 | 11 + 1 | .. | 1 | 1 | 11 + 1 | .. | 1 | 1 | 11 + *2 |
| Tank No. III Party .. | .. | 1 | .. | 0 + 1 | .. | 1 | .. | 0 + 1 | .. | .. | .. | .. |
| Do. „ VI „ .. | .. | .. | .. | 0 + 1 | .. | .. | .. | 0 + 1 | .. | .. | .. | .. |
| Total .. | .. | 4 | 2 | 21 + 3 | .. | 4 | 2 | 22 + 3 | .. | 3 | 2 | 22 + 2 |
| Nílgiri .. .. .. | 3 | 1 | 1 | 4 + 2 | 5 | 1 | 2 | 14 + 1 | .. | 1 | 2 | 14 + *3 |
| Coimbatore .. .. .. | 4 | 1 | 2 | 12 + 1 |  |  |  |  |  |  |  |  |
| West Coast .. .. .. | 4 | 1 | .. | 8 | 5 | 1 | 1 | 7 + 2 | .. | 1 | 1 | 7 + 2 |
| Tank No. IV Party .. | .. | 1 | .. | 0 + 1 | .. | 1 | .. | 0 + 1 | .. | 1 | .. | 0 + 1 |
| Total .. | 11 | 4 | 3 | 24 + 4 | 10 | 3 | 3 | 21 + 4 | .. | 3 | 3 | 21 + 6 |
| North Arcot .. .. | 2 | 1 | 2 | 7 + 1 | 3 | 1 | 2 | 8 + 1 | .. | 1 | 2 | 8 + *2 |
| South Arcot .. .. .. | 4 | 1 | 1 | 8 | 4 | 1 | 1 | 8 | .. | 1 | 1 | 8 |
| Cuddalore Bridge works .. | .. | 1 | .. | .. | .. | 1 | .. | .. | .. | 1 | .. | .. |
| Chingleput .. .. .. | 3 | 1 | 1 | 7 + 1 | 3 | 1 | 1 | 7 + 1 | .. | 1 | 1 | 7 + *3 |
| Presidency and Bangalore.. | 3 | 1 | 1 | 7 | .. | .. | .. | .. | .. | .. | .. | .. |
| Presidency Workshops .. | .. | 1 | .. | 2 | .. | 1 | .. | 2 | .. | 1 | .. | 2 |
| Tank No. V Party .. | .. | .. | .. | 0 + 1 | .. | .. | .. | 0 + 1 | .. | .. | .. | 0 + 1 |
| Total .. | 12 | 6 | 5 | 31 + 3 | 10 | 5 | 4 | 25 + 3 | .. | 5 | 4 | 25 + 6 |
| Trichinopoly .. .. | 2 | 1 | .. | 6 | 2 | 1 | .. | 6 | .. | 1 | .. | 6 |
| Tanjore .. .. .. | 3 | 1 | 2 | 9 | 3 | 1 | 2 | 9 | .. | 1 | 2 | 9 |
| Negapatam .. .. .. | 3 | 1 | 1 | 7 | 3 | 1 | 1 | 7 | .. | 1 | 1 | 7 |
| Madura .. .. .. | 4 | 1 | 1 | 12 + 1 | 4 | 1 | 2 | 11 + 1 | .. | 1 | 2 | 11 + *3 |
| Tinnevelly .. .. .. | 3 | 1 | 1 | 6 | 3 | 1 | 1 | 6 | .. | 1 | 1 | 6 |
| Tank No. I Party.. .. | .. | 1 | .. | 0 + 1 | .. | 1 | .. | 0 + 1 | .. | .. | .. | 0 + 1 |
| Do. „ II „ .. .. | .. | 1 | .. | 0 + 1 |  |  |  | 0 + 1 | .. |  |  | 0 + 1 |
| Total .. | 15 | 7 | 5 | 40 + 3 | 15 | 6 | 6 | 39 + 3 | .. | 5 | 6 | 39 + 5 |
| No. I Division, Periyár .. | 2 | 1 | 2 | 0 + 8 | 3 | 1 | 3 | 0 + 6 | .. | 1 | 3 | 0 + 8 |
| Do. II do. do. .. | 4 | 1 | 3 | 0 + 8 | 4 | 1 | 3 | 0 + 8 | .. | 1 | 3 | 0 + 8 |
| Total .. | .. | 2 | 5 | 0 + 16 | .. | 2 | 6 | 0 + 14 | .. | 2 | 6 | 0 + 16 |
| Secretariat .. .. .. | .. | 3 | .. | .. | .. | 2 | .. | .. | .. | 2 | .. | 0 + 0 |
| Presidency Architect's Division .. .. | 2 | 1 | .. | 2 | 4 | 1 | 1 | 5 | .. | 1 | 1 | 5 |
| Supernumeraries .. .. | .. | 2 | 5 | 2 | .. | 7 | 2 | 8 | .. | 7 | .. | 2 |
| Total .. | .. | 6 | 5 | 4 | .. | 10 | 3 | 13 | .. | 10 | 1 | 7 |
| Grand Total .. | .. | 40 | 39 | 185 + 40 | .. | .. | .. | .. | .. | 38 | 37 | 179 + 46 |

* Temporary for tank work.

2

28th April 1890, No. 1234 W., Public Works.

### GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

### General.
### Establishment.

Read—the following papers :—

| | | | | |
|---|---|---|---|---|
| From the Superintending Engineer, | I Circle, | dated 27th Feb. 1890, | No. | 680 G.L. |
| „ „ | II „ | „ 13th „ „ | „ | 533 G.L. |
| „ „ | III „ | „ 13th „ „ | „ | 3381. |
| „ „ | IV „ | „ 10th „ „ | „ | 52 E.W. |
| „ „ | V „ | „ 3rd „ „ | „ | 7134. |
| „ „ | V „ | „ 9th „ „ | „ | 7216. |
| „ „ | VI „ | „ 7th „ „ | „ | 2441 T.J. |
| „ Chief Engineer, Periyár Project, | | „ 7th „ „ | „ | 245 P.R. |
| „ Consulting Architect to Government, | | „ 10th „ „ | „ | 1713. |
| „ „ | | „ 28th „ „ | „ | 1939. |
| „ „ | | „ 10th Mar. „ | „ | 2071. |

Order—dated 28th April 1890, No. 1234 W., Public Works.

The transfer of Military Works in this Presidency to the Military Works Department renders a re-arrangement of the executive establishment necessary, and the letters recorded above contain the views of Superintending Engineers as to the changes which should be made.

2. The sanctioned strength of the executive establishment will be as follows :—

| | |
|---|---|
| Executive Engineers and Assistant Engineers ... ... ... ... | 75 ; |
| Upper Subordinates, Permanent ... ... ... ... ... ... | 179 ; |
| Do. Temporary ... ... ... ... ... ... | 46 ; |

and as no increase of the establishment is admissible, these numbers must be utilized to the best advantage.

3. The last column of the statement appended to these proceedings shows the scale of Executive Engineers, Assistant Engineers and Upper Subordinates which is in future to be considered the allotment for each division and circle.

(True Extract.)

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

To the Chief Engineer for Irrigation.
„ „ Periyár Project.
„ Examiner, Public Works Accounts.
To Superintending Engineers.
To the Presidency Architect.

Exd. A. Aubert.
Spare Copies

# Scale of Executive Establishment. 1890-91

| | Scale 1889-90 | | | | Scale proposed by Supdg. Engineers | | | | Sanctioned Scale 1890-91 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sub Divs | E. Es | A. Es | Upper Subts | Sub Divs | E. Es | A. Es | Upper Subts | Sub Divs | E. Es | A. Es | Upper Subts | |
| Rushikulya | 3 | 1 | 2 | 5+1 | | 1 | 2 | 5+2 | | 1 | 2 | 6+1 | |
| Ganjam | 3 | 1 | 0 | 4+5 | | 1 | 0 | 4+6 | | 1 | 0 | 5+5 | |
| Vizagapatam | 3 | 1 | 1 | 6 | | 1 | 1 | 6 | | 1 | 1 | 6 | |
| Godaveri East | 5 | 1 | 2 | 8 | | 1 | 2 | 9 | | 1 | 2 | 9 | |
| Godaveri West | 3 | 1 | 1 | 6 | | 1 | 2 | 8 | | 1 | 2 | 8 | |
| Godaveri Central | 2 | 1 | 1 | 5 | | | | | | | | | |
| Tank No: VII Party | – | 0 | 0 | 0+2 | | 0 | 0 | 0+2 | | 0 | 0 | 0+2 | |
| Tank No: VIII Party | – | 0 | 0 | 0+1 | | 0 | 0 | 0+1 | | 0 | 0 | 0+1 | |
| | 19 | 6 | 7 | 34+9 | | 5 | 7 | 32+11 | | 5 | 7 | 34+9 | |
| Kistna East | 2 | 1 | 1 | 5 | | 1 | 2 | 6 | | 1 | 2 | 6 | |
| Kistna West | 2 | 1 | 2 | 6+1 | | 1 | 2 | 6+1 | | 1 | 2 | 6+1 | |
| Gudivada | 2 | 1 | 0 | 3+1 | | 1 | 1 | 3+1 | | 1 | 1 | 3+1 | |
| Nellore | 3 | 1 | 3 | 9 | | 1 | 3 | 10 | | 1 | 3 | 10 | |
| Buckingham Canal | 3 | 1 | 1 | 8 | | 1 | 0 | 6 | | 1 | 0 | 6 | |
| | 12 | 5 | 7 | 31+2 | | 5 | 8 | 31+2 | | 5 | 8 | 31+2 | |
| Cuddapah | 2 | 1 | 0 | 5 | | 1 | 0 | 5 | | 1 | 0 | 5 | |
| Kurnool | 4 | 1 | 1 | 11+1 | | 1 | 1 | 11+1 | | 1 | 1 | 11+2 × | × 2 tempy: for Tank Work |
| Tank No: III Party | - | 1 | 0 | 0+1 | | 1 | 0 | 0+1 | | – | – | - | |
| Tank No: VI Party | - | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | 0+1 | | - | - | - | |
| | | 4 | 2 | 21+3 | | 4 | 2 | 22+3 | | 3 | 2 | 22+2 | |
| Nilgiri | 3 | 1 | 1 | 4+2 | 5 | 1 | 2 | 14+1 | | 1 | 2 | 14+3 × | × 3 tempy: for Tank Work |
| Coimbatore | 4 | 1 | 2 | 12+1 | | | | | | | | | |
| West Coast | 4 | 1 | 0 | 8 | 5 | 1 | 1 | 7+2 | | 1 | 1 | 7+2 | |
| Tank No: IV Party | – | 1 | 0 | 0+1 | | 1 | 0 | 0+1 | | 1 | 0 | 0+1 | |
| | 11 | 4 | 3 | 24+4 | 10 | 3 | 3 | 21+4 | | 3 | 3 | 21+6 | |
| North Arcot | 2 | 1 | 2 | 7+1 | 3 | 1 | 2 | 8+1 | | 1 | 2 | 8+2 × | × 2 tempy: for Tank Work |
| South Arcot | 4 | 1 | 1 | 8 | 4 | 1 | 1 | 8 | | 1 | 1 | 8 | |
| Cuddalore Bridgeworks | – | 1 | 0 | 0 | 0 | 1 | 0 | 0 | | 1 | 0 | 0 | |
| Chingleput | 3 | 1 | 1 | 7+1 | 3 | 1 | 1 | 7+1 | | 1 | 1 | 7+3 × | × 3 tempy: for Tank Work |
| Presidency & Bangalore | 3 | 1 | 1 | 7 | - | - | - | - | | - | - | - | |
| Presidency Workshops | - | 1 | 0 | 2 | – | 1 | 0 | 2 | | 1 | 0 | 2 | |
| Tank No: V Party | - | 0 | 0 | 0+1 | – | 0 | 0 | 0+1 | | 0 | 0 | 0+1 | |
| | 12 | 6 | 5 | 31+3 | 10 | 5 | 4 | 25+3 | | 5 | 4 | 25+6 | |
| Trichinopoly | 2 | 1 | 0 | 6 | 2 | 1 | 0 | 6 | | 1 | 0 | 6 | |
| Tanjore | 3 | 1 | 2 | 9 | 3 | 1 | 2 | 9 | | 1 | 2 | 9 | |
| Negapatam | 3 | 1 | 1 | 7 | 3 | 1 | 1 | 7 | | 1 | 1 | 7 | |
| Madura | 4 | 1 | 1 | 12+1 | 4 | 1 | 2 | 11+1 | | 1 | 2 | 11+3 × | × 3 tempy: for Tank Work |
| Tinnevelly | 3 | [illegible] | 1 | 6 | 2 | 1 | 1 | 6 | | 1 | 1 | 6 | |
| Tank No: I Party | - | 1 | 0 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | 0+1 | |

GENERAL.
ESTABLISHMENT.

## Govt. of {1890} Madras.
## PUBLIC WORKS.

*Dated April, 28th.*

*Recd.* *Encl.*

**G.O., 28th Apr. 1890, No. 1234 W.**

**APRIL.**

### Executive Establishment

Re-arrangement of the — in consequence of the transfer of Military Works to the Military Works Department.

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| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 15 | 7 | 5 | 40+3 | 15 | 6 | 6 | 39+3 | 5 | 6 | 39+5 |
| No: I Division, Periyar | 2 | 1 | 2 | 0+8 | 3 | 1 | 3 | 0+0 | 1 | 3 | 0+8 |
| No: II Division, Periyar | 4 | 1 | 3 | 0+8 | 4 | 1 | 3 | 0+8 | 1 | 3 | 0+8 |
| | | 2 | 5 | 0+16 | | 2 | 6 | 0+14 | 2 | 6 | 0+16 |
| Secretariat | – | 3 | 0 | 0 | – | 2 | 0 | – | 2 | 0 | 0+0 |
| Presy. Architect's Division | 2 | 1 | 0 | 2 | 4 | 1 | 1 | 5 | 1 | 1 | 5 |
| Supernumeraries | – | 2 | 5 | 2 | – | 7 | 2 | 8 | 6 | 1 | 2 |
| | | 4 | 3 | 4 | | 10 | 3 | 13 | ~~10~~ | ~~3~~ | 7 |
| | | 40 | 39 | 185+40 | | | | | 37 | 38 | 179+48 |

nd to meet [illegible]

Note. Rec 2 apl 37

In paras 33 to 35 of the P.W. Code and in G.O. No 297 W of 7th Feby '85 a sliding scale of Executive Establishment is provided to meet additions to or casualties in the Engineer Establishment.

The Department is recruited yearly from -

(a) Passed Students of the Royal Indian Engineering College.

(b) Royal Engineer officers in India.

(C) Passed Students of the Madras College of Engineering to such extent as appointments may be guaranteed.

The distribution of Officers of Royal Engineers and of the Civil Engineers sent out from the R. I. E College sts with the Government India.

one appointment annually is ~~annually~~ guaranteed to the passed students of the local College of Engineering.

W.C.
31.3.90

1.4.90

M.S. [illegible]
[illegible]

1-4-90. Resubmitted to Actg. S. of S. [illegible]

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57

Public Works Department

Note for the Hon'ble Member.

The revised scale refers to the one drawn up in this office in revision of the scale proposed by the Superintending Engineers to whom the question was referred.

The strength of the Upper Subordinate Establishment has been reduced from 185 to 179 and on the retirement of Colonels Fraser and Ross, Thompson the scale of Executives and Assistants will be reduced by 2 in accordance with para 4 of G.O. 3625 W. of 21st December 1889.

No further reductions in our establishment were

Consequence of the transfer of Irrig.ⁿ works.
That being now complete, the allotment ought to deal
only with the reduced numbers, and I won't pass any
which does not show the reduction. Explain after
council tomorrow

W.C.
17 Apr

but 6 are added as temp.y!

These are called 'Sanctioned' in the Draft. When are they sanctioned?

W.C.

~~This reduction to 83 needs the sanction of India which should be formally applied for. It is necessary that this be done in order that the allotment of recruits may be properly arranged. This allotment of Estab.t shows no reduction at all in~~

were contemplated, but extra sub-divisions have been applied for in four divisions, and for these Assistant Engineers are required.

The scale of 77 Executives and Assistants sanctioned by the Government of India will be reduced as explained to 75, but this figure will rarely if ever correspond with the actual numbers on the establishment, as the appointment of young officers from Coopers Hill and vacancies from retirement &c cause increases and decreases in the total numbers.

To meet this difficulty there is a sliding scale to fix the proportion of appointments in the different grades for varying total numbers of Executives and assistants.

27.3.90 25.3.90

Show the orders constituting this sliding scale. The whole thing seems to be in a state of flux. Is there any authority scale of recruitment?

# Scale of Executive Establishment. 1890-91

| | + Scale ~~Present scale.~~ 1889-90 | | | | ⊕ Scale proposed ~~Proposed scale.~~ by Supt's Engineers | | | | ✱ Sanctioned Scale ~~Revised scale.~~ 1890-91 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sub Divns | E. Es | A. Es | Upper Subs | Sub Divns | E. Es | A. Es | Upper Subs | Sub Divns | E. Es | A. Es | Upper Subs | |
| Rushikulya. | 3 | 1 | 2 | 5+1. | | 1 | 2 | 5+2 | | 1 | 2 | 6+1 | |
| Ganjam | 3 | 1 | 0 | 4+5. | | 1 | 0 | 4+6 | | 1 | 0 | 5+5 | |
| Vizagapatam | 3 | 1 | 1 | 6. | | 1 | 1 | 6 | | 1 | 1 | 6 | |
| Godavari East. | 5 | 1 | 2 | 8. | | 1 | 2 | 9 | | 1 | 2 | 9 | |
| Godavari West. | 3 | 1 | 1 | 6 | | 1 | 2 | 8 | | 1 | 2 | 8 | |
| Godavari Central. | 2 | 1 | 1 | 5. | | | | | | | | | |
| Tank No VII Party. | - | 0 | 0 | 0+2 | | 0 | 0 | 0+2 | | 0 | 0 | 0+2 | |
| Tank No VIII Party. | - | 0 | 0 | 0+1 | | 0 | 0 | 0+1 | | 0 | 0 | 0+1 | |
| | 19 | 6 | 7 | 34+9 | | 5 | 7 | 32+11 | | 5 | 7 | 34+9 | |
| Kistna East. | 2 | 1 | 1 | 5. | | 1 | 2 | 6 | | 1 | 2 | 6 | |
| Kistna West. | 2 | 1 | 2 | 6+1. | | 1 | 2 | 6+1 | | 1 | 2 | 6+1 | |
| Gudivada | 2 | 1 | 0 | 3+1. | | 1 | 1 | 3+1 | | 1 | 1 | 3+1 | |
| Nellore | 3 | 1 | 3 | 9. | 3 | 1 | 3 | 10 | | 1 | 3 | 10 | |
| Buckingham Canal. | 3 | 1 | 1 | 8 | 3 | 1 | 0 | 6 | | 1 | 0 | 6 | |
| | | 5 | 7 | 31+2. | | 5 | 8 | 31+2 | | 5 | 8 | 31+2 | |
| Bellary. | 3 | 1 | 1 | 5. | | 1 | 1 | 6 | | 1 | 1 | 6 | |
| Cuddapah. | [illegible] | 1 | 0 | 5. | | 1 | 0 | 5 | | 1 | 0 | 5 | |
| Kurnool. | [illegible] | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | |
| [illegible] | | | | | | | | | | | | | |
| Tank No VI Party. | - | 0 | 0 | 0+1 | | 0 | 0 | 0+1 | | | | - | |
| | | 4 | 2 | 21+3 | | 4 | 2 | 22+3 | | 3 | 2 | 22+2 | |
| Nilgiri | 3 | 1 | 1 | 4+2 | 5 | 1 | 2 | 14+1. | | 1 | 2 | 14+3 | x 3 temps for Tank work |
| Coimbatore. | 4 | 1 | 2 | 12+1. | | | | | | | | | |
| West Coast. | 4 | 1 | 0 | 8. | 5 | 1 | 1 | 7+2 | | 1 | 1 | 7+2 | |
| Tank No IV Party. | - | 1 | 0 | 0+1 | | 1 | 0 | 0+1 | | 1 | 0 | 0+1 | |
| | 11 | 4 | 3 | 24+4. | 10 | 3 | 3 | 21+4 | | 3 | 3 | 21+6 | |
| North Arcot. | 2 | 1 | 2 | 7+1 | 3 | 1 | 2 | 8+1 | | 1 | 2 | 8+2 | 2 temps for Tank work |
| South Arcot. | 4 | 1 | 1 | 8. | 4 | 1 | 1 | 8 | | 1 | 1 | 8 | |
| Cuddalore Bridge Works. | - | 1 | 0 | 0 | 0 | 1 | 0 | 0 | | 1 | 0 | 0 | |
| Chingleput. | 3 | 1 | 1 | 7+1 | 3 | 1 | 1 | 7+1 | | 1 | 1 | 7+3 | 3 temps for Tank work |
| Presidency and Bangalore. | 3 | 1 | 1 | 7 | - | - | - | - | | - | | | |
| Presidency Workshops. | - | 1 | 0 | 2 | - | 1 | 0 | 2 | | 1 | 0 | 2 | |
| Tank No V. Party. | - | 0 | 0 | 0+1 | - | 0 | 0 | 0+1 | | 0 | 0 | 0+1 | |
| | 12 | 6 | 5 | 31+3. | 10 | 5 | 4 | 25+3 | | 5 | 4 | 25+6 | |
| Trichinopoly. | 2 | 1 | 0 | 6. | 2 | 1 | 0 | 6 | | 1 | 0 | 6 | |
| Tanjore. | 3 | 1 | 2 | 9. | 3 | 1 | 2 | 9 | | 1 | 2 | 9 | |
| Negapatam. | 3 | 1 | 1 | 7 | 3 | 1 | 1 | 7 | | 1 | 1 | 7 | |
| Madura. | 4 | 1 | 1 | 12+1 | 4 | 1 | 2 | 11+1 | | 1 | 2 | 11+3 | x 3 temps for Tank work |
| Tinnevelly | 3 | 1 | 1 | 6 | 3 | 1 | 1 | 6 | | 1 | 1 | 6 | |
| Tank No I Party. | - | 1 | 0 | 0+1 | | 1 | 0 | 0+1 | | | | | |
| Tank No II Party. | - | 1 | 0 | 0+1 | | | | 0+1 | | | | | |
| | 15 | 7 | 5 | [illegible] | 15 | [illegible] | [illegible] | [illegible] | | | | | |

X ~~In force 1889/90~~

⊕ ~~Proposed by Supt's Engineers~~

✱ ~~As revised by the Chief Engineer~~

5-3-90 R2.8/13 Resubmitted to Actg 8-4-90

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| No. II Division, Periyar | | 1 | 2 | 0+8 | | 1 | 3 | 0+6 | 1 | 3 | 0+8 |
| No. II Division Periyar. | | 1 | 3 | 0+8 | | 1 | 3 | 0+8 | 1 | 3 | 0+8 |
| | | 2 | 5 | 0+16 | | 2 | 6 | 0+14 | 2 | 6 | 0+16 |
| Secretariat. | | 3 | 0 | 0 | | 2 | 0 | 0 | 2 | 0 | 0 |
| Presidency Architect's Division | 2 | 1 | 0 | 2. | 4 | 1 | 1 | 5 | 1 | 1 | 5 |
| Supernumeraries. | — | 2 | 5 | 2 | — | 7 | 2 | 8 | 6 | 1 | 2 |
| | | 6 | 5 | 4 | | 10 | 3 | 13 | 9 | 2 | 7 |
| | | 40 | 39 | 185+40. | | | | | 37 | 38 | 174+46 |

Statement Shewing the requirements as regards Executive Engineers, Assistant Engineers, and Upper Subordinates in the 1st circle prepared with reference to the Chief Engineer's memorandum No 572 C dated the 3rd February 1890.

| Circle | Divisions. | Previous Scale. | | | Proposed Scale. | | | Remarks. |
|---|---|---|---|---|---|---|---|---|
| | | Executive Engineers | Assistant Engineers | Upper Subordi-nates. | Executive Engineers | Assistant Engineers | Upper Subordi-nates. | |
| | Ganjam | 1 | " | ×10 | 1 | " | 10 | × Including Upper subordinate sanctioned in Chief Engr's memorandum No 5943 C dated 20-12-89 for preparing Estimates in Court of wards Estates. |
| | Rushikulya. | 1 | 2 | 6 | 1 | 2 | 7 | |
| | Vizagapatam. | 1 | 1 | ×7 | 1 | 1 | 7 | × Includes one upper subordinate Sanctioned for Tank Restoration work. |
| | Godavari Eastern. | 1 | 2 | ×9 | 1 | 2 | 10. | × — do — one upper subordinate for Tank Restoration & one for workshops. |
| | Godavari Central. | 1 | 1 | 5 | – | – | – | The Dn will be amalgamated with the Western Dn at the end of this official year |
| | Godavari Western. | 1 | 1 | ×7 | 1 | 2 | 9 | × Includes one Upper Subordinate Sanctioned for Tank Restoration work. |
| | | 6 | 7 | 44 | 5 | 7 | 43. | |

Supdg. Engrs Office I Circle
Dowlaishweram
27-2-90

J. D. Grant
~~For~~ Superintending Engineer I circle

TK

22

No. 680 G.L

23

FROM,

J. D. Grant Esquire
SUPERINTENDING ENGINEER

FIRST CIRCLE.

TO,

THE CHIEF ENGINEER

PUBLIC WORKS DEPARTMENT.

DOWLAISHWERAM, 27th February 1890

Recd 1st March/90

SIR,

[illegible] for Circ. 1790
with [illegible]

With reference to your memorandum no 572 C dated the 3rd February 1890, I have the honor to submit herewith a statement prepared in the form there-with received, of requirements as regards Executive Engineers, assistant Engineers and upper subordinates in this circle.

2. In G.O. no 3208 W dated the 24th November 1887 Six Upper Subordinates have been Sanctioned for the Rushikulya Division and this number has since been found insufficient for the vigorous prosecution of the Project works and I have therefore included 7 Upper Subordinates in the proposed scale for that Division.

3. For the Vizagapatam Division the previous

and proposed Scale of Upper Subordinates is Seven; but this number is exclusive of the Upper Subordinate given for special duty, i.e. for investigation of works in the Palconda Estate.

4. The previous Scale of Upper Subordinates for the Godaveri Eastern Division is 9 which includes Conductor Bennett Supervisor who was Deputy Superintendent of the Government Workshops sub Division, but in the reduction of the Workshop Establishment sanctioned in G.O. No 2671 W dated the 24th September 1889, it has been said that the Supervisor's services will be utilized on such work as the Suptg: Engineer may consider him best suited for and he is now temporarily transferred to the Vizagapatam Division for erecting the Sunki bridge on the Polinghi Ghat; he will come back to the Workshops in one or two months and will remain attached to it till required elsewhere. The previous scale cannot therefore be reduced, and in addition another Upper Subordinate is required for the construction of the Vizeshweram Lock for which plan and Estimate have already been submitted. It is on this account that the proposed Scale of Upper subordinates is entered as ten.

5. Nothing is entered for the Godaveri Central Division in the proposed Scale as the Division will be amalgamated with the Western Division at the end of March next.

6. For the Godaveri Western Division the previous Scale of Assistant Engineers and Upper Subordinates is 1 and 7 respectively. After the formation of the present Central Delta Division as a Sub Division of the Western Division it is proposed to give the Western Division an additional Establishment of one Assistant Engineer and two Upper Subordinates the former for the charge of the sub Division and the latter to be employed under the Assistant Engineer the entries in the proposed scale are made accordingly.

I have the honor to be

Sir,

Your most obedient Servant

J W Hunt

Superintending Engineer

I Circle

[illegible]

[illegible]

FROM, J. D. Grant Esquire

SUPERINTENDING ENGINEER

FIRST CIRCLE.

No. 2671 W.A. 24-9-87
" 3208 W. " 24-11-87

TO,

THE CHIEF ENGINEER

PUBLIC WORKS DEPARTMENT.

DATED 27th } February
DESPATCHED 1st } March. 1890
RECEIVED 6-3-90

No. 680 G.L

ENCLOSURES 1

SUBJECT.

Statement showing the requirements as regards Executive Engineers, Assistant Engineers and Upper Subordinates in the 1st Circle.

Submitting a — as directed

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Statement of requirements as regards Executive Engineers, Assistant Engineers & Upper Subordinates in the 2nd Circle.

| Circle | Divisions. | Previous scale | | | Proposed scale | | | Remarks. |
|---|---|---|---|---|---|---|---|---|
| | | Executive Engineers | Asst. Engineers | Upper Subordinates | Executive Engineers | Asst. Engineers | Upper Subordinates | |
| II | Kistna Eastern Divn. including Gudivada Do. | 2 | 3 | 9 | 2 | 3 | 10 | At present the Circle staff falls short of sanctioned strength by 2 Assistant Engineers and 1 Upper Subordinate. One Assistant Engineer & two Upper Subordinates or if an efficient Asst. Engineer is not available, three Upper Subordinates are urgently needed. |
| | Kistna Western " | 1 | 2 | 6 | 1 | 2 | 7 | |
| | Nellore Division | 1 | 3 | 9 | 1 | 3 | 10 | |
| | Buckingham Canal " | 1 | 1 | 8 | 1 | " | 6 | |
| | Total | 5 | 9 | 32 | 5 | 8 | 33 | |

They should be posted to the Kistna

Supdg. Engrs. Office, 2nd Circle.
13th February 1890

Superintending Engineer, II Circle

13.2.90

Supdg. Engineer's Office,
2nd Circle.
13th February 1890.

No. 5334l

From,
J. Hannan Esquire,
Superintending Engineer,
II Circle.

To,
The Chief Engineer,
Public Works Dept
Thro' the Chief Engineer Madras
for Irrigation

Sir,

With reference to your Memo. No 572 C dated 3rd February 1890, I have the honor to forward herewith a statement of requirements as regards the Engineer & Upper Subordinate Establishments in this Circle.

2. In G.O. No. 913 W. of 25th March 1887, 9 Assistant Engineers and 32 upper Subordinates, were sanctioned for the Divisions in this Circle. At present there are only 7 Assistant Engineers and 31 upper Subordinates employed. The Staff is, therefore, short by 2 Assistant Engineers and 1 upper Subordinate. The present Staff in the Kistna is unable to efficiently cope with the work - I have, therefore, the honor

to request that you will take early steps to supply me with one Assistant Engineer, and two upper Subordinates, or three upper Subordinates if an efficient Assistant Engineer is not available.

I have the honor to be,
Sir,
Your most Obed<sup></sup>t Serv<sup></sup>t,

J Hennison

Superintending Engineer,
A. II Circle.

13-2-70

From
The Supdg Engineer
III Circle

To
The Chief Engineer
P.W. Department,
Madras

Dated 13th February/90.

No 533 C.E.
dated

Existing staff of Engineers & Subordinates in the circles. Forward a statement of

9-8-4-90

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No 3381

Statement of requirements of Engineer and Upper Subordinate Establishment for the 3rd Circle called for in Chief Engineer's Memorandum No. 572 C d/3rd February 1890.

| Circle | Division | Previous scale<br>Executive Engineers | Previous scale<br>Asstt Engineers | Previous scale<br>Upper Subordinates | Proposed scale<br>Exec. Engineers | Proposed scale<br>Asstt Engineers | Proposed scale<br>Upper Subordinates | Remarks |
|---|---|---|---|---|---|---|---|---|
| III Circle | Bellary | 1 | 1 | 5 | 1 | 1 | 6 | This is for permanent Establishment only. Tank Restoration Scheme not included for which special temporary allowance is wanted till the works are completed. There are at present 3 Lower Subordinates attached to Bellary Dn., 2 to Cuddapah and 2 temporary to Kurnool. |
|  | Cuddapah | 1 | " | 5 | 1 | " | 5 |  |
|  | Kurnool | 1 | 1 | 11 | 1 | 1 | 11 |  |

Superintdg Engineer's Office Circle
13 February 1890

J. Smalley Col R.E.
Superintdg Engineer 3rd Circle

From
The Superintg Engineer
3d Circle

To
The Chief Engineer
P W Department
Madras

ated 13 } February 1890
Recd 15 }

No 3381

Statement of requirements
of Engineer & Upper Subordinate
Establishment for the
3d Circle as called for
in Chief Engineers Memo
No 572 C d/ 3d February 90

O 874/90

21 ~~2/24~~ 35

# Statement showing the requirements of the Executive Establishment for the IV Circle.

| Circle | Division | Previous Scale. | | | Proposed Scale. | | | Remarks. |
|---|---|---|---|---|---|---|---|---|
| | | Executive Engineers | Assistant Engineers | Upper Subordinates | Executive Engineers | Assistant Engineers | Upper Subordinates | |
| IV | Coimbatore | 2 | 2 | 12 | 1 | 2 | (1) 15 | (1) At present there are 13 Upper Subordinates in the Coimbatore Division, and two more are required for the Nilgiri Sub Division. |
| | West Coast | 1 | 1 | 8 | 1 | 1 | (2) 9 | (2) Of these<br>3 are required for 3 Subdivisions, Calicut Cannanore and South Canara.<br>2 for Wynaad Sub Division.<br>1 for Calicut-Vayitri Road..<br>1 to be attached to South Canara Sub Dn.<br>1 to be attached to Calicut Sub Dn. for Mallia-puram works.<br>1 for Southern portion works.<br>9 |

Coimbatore,
10th February 1890.

D. W. Campbell Major, R.E.,
Superintending Engineer, 4th Circle.

Note. By G.O. No. 77 W. of 11th Jany /90 the Civil Works in the Nilgiri Divisn were formed into a Sub division of the Coimbatore Divisn; and the Wynaad Sub division attached to the West Coast Divisn.

Sn

No. 52/E.W. Supg. Engineer's office, 4th Circle,
Coimbatore, 10th February 1890.

From,

Major D. McNeil. Campbell, R.E.,
Supg. Engineer, 4th Circle,

To,

The Chief Engineer,
P. W. Department.

Sir,

× C.No. 1341 Saw 17/2/90

Enclos-1

Adverting to your memorandum No. ×572C of 3rd instant, I have the honor to submit a statement of requirement of Executive Engineers, Assistant Engineers and Upper Subordinates in the Circle after the transfer of works at Wellington to the Military Works Branch.

I have the honor to be,
Sir,
Your most obedt. servt.,

D. Mc. Campbell Major, R.E.,
Supg. Engineer, 4th Circle.

Jn.

C.W.C. No. 1364

From

The Supg. Engr.
4th Circle

No. 780 W. of 22-3-84

Dated 10th } February/90
Desp'd 10th }

Rg 17-2-90

No. 52/E.W.

Enclo: 1.

Executive Establishment required in the 4th Circle

Submitting a statement of — after the transfer of works at Wellington to the Military Works Branch.

0-8-4-90

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41 24

SUPERINTENDING ENGINEER'S OFFICE,

No. 7134

Camp at Tiruvallur Chingleput District V Circle, Madras,
~~Chepâk,~~ 3 February 1890.

From
Colonel W H Burton R.E.
SUPERINTENDING ENGINEER, V CIRCLE,

To
THE Chief Engineer
P. W. Department.

Enclosures.

Transfer notified

SIR,

With reference to your Memorandum No. 549 C. dated 31st January 1890, I have the honor to state that Lieutenant Ellis R.E., Mr. Attman and Sergeant Hearne have been transferred to the Consulting Architect Division. Lieutenant Milne, Sergeant Lorner and Supervisor A. Kuppuswamy Mudr. are temporarily doing duty in the Military Works Branch in Madras.

The Subordinates doing duty in Bangalore are Sub-Conductors McAlister and Patton

I have the honor to be
Sir
Your most obedient Servt.

W H Burton. Col: R.E.
Superintending Engineer 5th Circle

No. 549 C of 31-1-90.

P.W.C. No 1175.

(44)

No. 7134.

From

The Supg. Engr.
5th Circle

To

The Chief Engineer
P.W. Deptt.

Lie over pending proposed redistribution of establishment
WHM 8.2.90
D.W.

Dated 3rd February
Recd 3 1890

Officers & Subordinates transferred from Presidency Dn. to Consulting Architect Dn.

Reports the names of ____ and of those doing duty temporarily in Civil Works Branch

---

| ircle | Divisions | Previous Scale |  |  | Proposed Scale |  |  | Remarks |
|---|---|---|---|---|---|---|---|---|
|  |  | Executive Engineers | Assistant Engineers | Upper Subordinates | Executive Engineers | Assistant Engineers | Upper Subordinates |  |
| fth Circle | Chingleput 3 | 1 | 1 | 7 | 1 | 1 | 7 | The No. of Sub Divisions proposed is 3 (against 3) |
| " | North Arcot 2 | 1 | 2 | 7 | 1 | 2 | 8 | The 2d Assistant Engineer, or a Senior Competent Subordinate for a 3d Sub Division is very urgently wanted. No. of Sub Divisions proposed is 3. (against 2) |
| " | South Arcot 4 | 1 | 1 | 8 | 1 | 1 | 8 | The No. of Sub Divisions proposed remains unaltered. (4 sub divns) |

185

26

7 Febry /90

Warburton

Supt. of Engineer 5th Circle

42

SUPERINTENDING ENGINEER'S OFFICE,
V Circle, Madras,

No. 7216.

*Chepâk,* 9th February 1890.

From
Colonel W. H. Burton R.E.
SUPERINTENDING ENGINEER, V CIRCLE,

To
THE Chief Engineer
P. W. Department.

SIR,

Enclosures.

For. N. 1341/1384 Saw

With reference to your Memo No. 672 C dated 3rd Febry 1890, I have the honor to forward the tabular statement called for showing the present requirements as regards Executive Engineer, assistant Engineers and Upper Subordinates.

2. Notwithstanding the Separation of the Military works from the Chingleput Division and this Circle I cannot honestly recommend any reduction of the Engineer and Upper Subordinate Establishment as it stands at present because the Executive Engineer and his staff have failed to cope successfully with the Divisional and Sub Divisional work & many works are being carried on contrary to Codal rule (See Chingleput Division Objectional Item Statement for November 1889) and reports called

for, whether emanating from you, or, from the Examiner or from the Chief Engineer for Irrigation are not attended to, until several reminders have been sent.

3. The difficulty has been aggravated by the Cyclone of 31st October 1888 - whereby several works had to be put in hand before Estimates were sanctioned as also by the Divisional Staff having to take up the repairs of the Minor Tank Restoration works.

4 I propose therefore that the Head Quarter (or Mount) Sub Division should continue & that in lieu of the Military works at the 3. Stations the Sub Divisional Officer should undertake all Irrigation services in Sydapett Talug south of Madras Railway and in the Chembrambakam Minor Basin, in addition to maintenance ~~of~~ of Guindy House and Civil Buildings at Sydapett.

5. This will greatly reduce the large range over which the Sub Divisional Officer Trivellore has now to travel in Ponneri, Sydapet and Trivellore Talugs and will also reduce slightly the duties of the Sub Divisional Officer of the Chingleput Sub Division.

6. In South Arcot there is in my opinion no decrease of Engineer and Upper Subordinate Establishment

possible

possible

7. In North Arcot where until 1886 there were 3 Sub Divisions with no Minor Tank Restoration Works to look after there are now but 2 - Ranipett and Vellore. Vellore extending over Palmaner, Chittoor, Vellore & Gudiyattam Talugs and Palar anicut works and the Ranipett Sub Division comprising works at Chandragiri, Walajah, Arcot, Wandiwash and Polur Talugs.

8. On account of the execution of Tank Restoration works the Palar Anicut System. Estimates (constantly under revision) and the new Railway between Villupuram and Chittoor - increasing No of Railway-affecting tanks & the work of this Department in the 2 existing Sub Divisions is far too large ~~for~~ for only two Sub Divisional Officers to attend to, and so I wish to divide the Ranipet Sub Division into two and have a Sub Divisional Officer at Arnee and another at Vellore as was the case prior to 1886.

9 and I have filled up the Statement accordingly. Without such an increase I am sure the works cannot be adequately

looked after in North Arcot.

I have the honor to be
Sir
your most obedt servant

W. H. Hunter
Col. R.E.
Supt. Engineer 5 Circle

51/29

P.W.D. C. No 1467

From
The Suptg. Engineer
fifth Circle

To
The Chief Engineer
P.W. Department

Dated 9 } Febry 1890
Recd: 13 }

Enclosures/.

No 7216.

Establishment.

—

Forwards a statement showing the present requirements of Executive & Assistant Engineers and Upper Subordinates * in each of the Divisions in the V Circle & states the circumstances under which they are required.

0-8-4-98

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6th Circle P.W.D.

Statement showing the requirements of the Circle as regards Engineer and Upper Subordinate Establishment - Vide No 527 C of the 3rd February /90 of the Chief Engineer P.W.

| Circle | Division | Previous scale * |  |  | Proposed Scale |  |  | Remarks |
|---|---|---|---|---|---|---|---|---|
|  |  | Executive Engineers | Assistant Engineers | Upper Subordinates | Executive Engineers | Assistant Engineers | Upper Subordinates | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| VI Circle. | Tanjore — 3 | 1 | 2 | 9 | 1 | 2 | 9 (a) | (a) at present there are only 7. |
|  | Negapatam — 3 | 1 | 1 | 7 | 1 | 1 | 7 (b) | (b) — do — do — only 6. |
|  | Trichinopoly — 2 | 1 | " | 6 | 1 | " | 6 (c) | (c) — do — do, 6 of whom one is on leave for 6 months |
|  | Madura — 4 | 2 | 1 | 12 | 1 | 2 | 10 (d) | (d) At present there are 11 of whom one is to be lent to the Kumbaconum Municipality |
|  | Tinnevelly — 3 | 1 | 1 | 6 | 1 | 1 | 6. | |

* As per G. O. No 913 W of 25th March 1887.

Trichinopoly, [illegible]
1st February 1890 }

To accompany this office No 244/17 / 7-2-90

A L Smith Lt Col RE
Suptg. Engineer V Circle

OFFICE OF THE SUPERINTENDING ENGINEER,
6TH CIRCLE.

Trichinopoly 7 February 1889
8-8/

No. 244/T.J.

From Lt Col A C Smith R.E.
The Superintending Engineer,
6th Circle.

To
The Chief Engineer
P.W.D.

Sir,

With reference to your Memorandum No. 572 C of the 3rd February /90 I have the honor to forward herewith the Statement therein called for, showing the requirements of the Circle as regards Executive Engineers, Assistant Engineers and Upper subordinates.

ENCLOSURES. / 1 statement

2. As already stated in this office No. 2386 T.J. of the 31st January /90, no decisive orders have been received as to the transfer of military Works at Trichinopoly; even if these are handed over to the Military Works Department, I do not see that the transfer can in any way affect the strength of the Executive Establishment of the Division or the Circle - Except

some annual repairs to buildings, there are no works of any importance either sanctioned or in progress in Trichinopoly; no reduction in Establishment can therefore be safely attempted. The strength of the existing executive Establishment of the Circle is below the sanctioned scale and what with this & many and constant transfers it is impossible to get work done expeditiously & satisfactorily. I trust therefore you will soon find it in your power to bring my establishment up to full strength.

I have the honor to be
Sir,
Your most obedt Servant
H L Smith Lt Col R.E.
Supdg. Engineer 1st Circle.

P. W. D. 6th CIRCLE.

From

The Superintending Engineer,
6th Circle.

To

The ____________

No.

Dated
Received } 188

Enclosure.

From

The Supdt. Engineer
VI Circle

to

The Chief Engineer
P. W. D.

No. 244/17
Dated
Despd. 7th/8 } 3 February 1890.
Recd. 10-2-90

En-1

Engineer & Upper Subordinate Establishments.—

Submits statement showing the previous & proposed scale of the —

0-8-4-90

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## Periyar Project Works

Statement showing requirements as regards Executive Engineers, Assistant Engineers, and Upper Subordina

| Circle | Divisions | Previous Scale | | | Proposed Scale | | | Remarks |
|---|---|---|---|---|---|---|---|---|
| | | Executive Engineer | Assistant Engineer | Upper Subordinate | Executive Engineer | Assistant Engineer | Upper Subordinate | |
| Periyar Project Works | No I Periyar Divn. | (a) 2 | 2 | (b) 4 | (a) 2 | 2 | (b) 4 | (a) Includes Executive Engineer (Temporary Rank)<br>(b) Exclusive of Workshop Supdt. and Rock drilling Machine man and Tunneller. |
| | No II Periyar Do. | 2 | (c) 1 | 8 | 1 | (c) 3 | 8 | (c) Includes one Assistant Engin (Honorary Rank) |

52

Station Periyar —
Dated 7th February 90 } 3

Colonel R.E.,
Chief Engineer, Periyar Project

Enclosure in No 245PR / 7-2-90

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Statement showing requirements as regards Executive Engineers, Assistant Engineers, and Upper Subordinates

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No 245.P.R Office of the Chief Engineer,
b/ Periyar Project
Periyar 7th February 1890

From,
Colonel J. Pennycuick R.E.
Chief Engineer, P. Project.

To,
The Chief Engineer
P. W. D.

Enclo: 1.

Sir,

With reference to your No 572.C of 3rd Instant, I have the honor to forward herewith a Statement showing the requirements of this Project as regards Executive Engineers, Assistant Engineers and Upper-Subordinates.

× C. No. 1341
SAW 18/2

I have the honor to be
Sir
your most obdt. servt.

J. Pennycuick
Col. R.E.
Chief Engineer, Periyar Project

P. W. D.

Office of the Consulting Architect to Govt.,
Chepauk, Madras,
15th February 1890.

No. 1713

From

Henry Irwin, Esq., C.I.E.,
Consulting Architect
to the Government of Madras,

To

The Chief Engineer
Public Works Department

Sir,

1 Enclosures.

with Stmt

With reference to your Memo: No. 572 C dated 3rd February 1890, I have the honor to forward herewith the statement showing the requirements of Executive Engineers, Assistant Engineers, and Upper Subordinates necessitated by the incorporation of all Civil Works at Madras with my Division.

I have the honor to be
Sir
Your most obedient Servant

H. Irwin
Consulting Architect
to Government

P.W.C. No 1369

No 245 PK

From,
The Chief Engineer
Periyar Project

To The Chief Engineer
P. W. Department

Dated 7th February 1890
R/11-2-90
Encl. one.

Requirements of the
Periyar Project

Forwards statement
showing the — as regards
Executive Engineers, Asst.
Engineers and Upper
Subordinates

0-8-4-90

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85

| Circle | Divisions | Previous Scale | | | Proposed scale | | | Remarks. |
|---|---|---|---|---|---|---|---|---|
| | | Executive Engineers | Assistant Engineers | Upper subordinate | Executive Engineers | Assistant Engineers | Upper subordinate | |
| | Consulting Architect to Government | 2. 1 | 3 | 2 | 1 | 3 | 2 | As at present forming the staff since the absorbtion of the Civil works portion of the Presidency Division |

Consulting Architect's Office
Chepauk 10th February
1890

Henry Irwin
Consulting Architect
to Government

P.W. C. No. 14045

**Public Works Department.**

From

THE CONSULTING ARCHITECT
TO THE GOVERNMENT OF MADRAS,

To

THE Chief Engineer
P. W. D.

No. 1713

Dated 10th } February 1890.
Received 11 }

No. OF ENCLOSURES. 1

*Subject.*

submitting a statement shewing the requirements of Executive Engineers & Assistant Engineers and Upper Subordinates.

0-8-4-90
Smt

---

P. W. D.

39

Office of the Consulting Architect to Govt.,
Chepauk, Madras,
28th February 1890.

No. 1939

From

Henry Irwin, Esq., C.I.E.,
Consulting Architect
to the Government of Madras,

To

The Chief Engineer
Public Works Department.

Sir,

Put up with the Con. 1740 with 5 Aps.

Enclosures.

With reference to your Memo. No. 8210 dated 13th February 1890 requesting to report any changes that may be considered necessary in the number of sanctioned sub divisions in my Division, I have the honor to state that I propose making no changes at present.

I have the honor to be
Sir
Your most obedient Servant

Henry Irwin
Consulting Architect
to Government

P.W.C No. 2081.5

**Public Works Department.**

From
The Consulting Architect
to the Government of Madras,

To
The Chief Engineer
P.W.D

No. 1939

Dated 28th } February 1890.
Received 1-3-90

No. of Enclosures.

Subject.

Reporting that the Consulting Architect proposes no changes at present, in the number of sanctioned Sub-Divisions

0-8-4-90 Exd

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# Office Note.

From
The Consulting Architect
to the Government of Madras,

To
The Chief Engineer
P.W. Dept.
Madras

No. 2071

Chepák, 10th March 1890.

Your Office Note No. 1168 C dated 4th March 1890.

What I intended to imply was that the strength of the Division that is the new Presidency Architect's Division should be

1 Division with myself in charge 1 Exctv: Engineer
North Sub Division with Lieut: Ellis in charge . . . . . . . 1 Asst. Engineer
South Sub Division with Mr Altmann in charge and one supervisor . . . . . } 2 Upper subordinates
East do do Mr Stephens 1 do
West do do Mr O'Mahony 1 do

I inferred that this was the

…utive Engineer, 1 Assistant

will be

the sanctioned scale since the amalgamation had been made by order of Government, the North and South sub divisions being added with the officers mentioned above in charge, to the former Consulty: Architects Division. As formal sanction appears to be necessary I submit the above with the addition of.

One Upper subordinate (an overseer preferred) required for the North Division under Lieut: Ellis.

Sanctioned Scale

| | |
|---|---|
| Executive Engineer | 1 |
| Assistant Engineer | 0 |
| Upper subordinates | 2. |
| Sub Divisions | 2. East & West |

Proposed Scale

| | |
|---|---|
| Supty: Engineer | 1 |
| Assistant Engineer | 1 |
| Upper subordinates | 5 |
| Sub Divisions | 4 East, West, North & South. |

No. 1168 C.G/ 4-3-90
" 488 W - 14-2-90
" 3884 W - 10-12-88
" 913 W - 25-3-87
549 C.G 31-1-90
" 572 C - 3-2-90
" 3645 W - 21-12-89
" 297 W - 7-2-85
" 1534 W - 17-1-85

Henry Irwin

Consulty: Architect to Govt.

8-4-90

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## Note.

The principal changes
roposed by Supt: Engineers in
egard to the re-distribution
the Executive Establishment
e as follows:—

Circle. The S.E. applies for an
xtra upper Subordinate for the
Rushikulya, Ganjam and
odavari Eastern Divisions.
The amalgamation of the
odavari West and Godavari
entral Divisions results in
saving of 1 Executive Engineer
nd 3 Upper Subordinates.

Circle. The Supt: Engineer
pplies for an extra Assistant
ngineer and an Upper Subordinate,
Kistna East; an extra
ssistant Engineer for Kurnool
nd an extra Upper Subordinate
Nellore.

II Circle. The Supt: Engineer
roposes no reduction of
stablishment.

Circle. The amalgama-
ion of the Nilgiri and Coimbatore
ivisions results in a saving
Executive Engineer, 1 Assistant

, applies
ssistant Engineer
oast Division and
by one the number
per Subordinates in the same
Division.

V Circle - The Supg. Engineer applies for an Extra Assistant Engineer and an Upper Subordinate for North Arcot where he proposes to form an extra Sub-division.

The S.E. makes no reduction in the Chingleput Division though the Military works in St Thomas' Mount, Pallavaram and Poonamallee are made over to the Military Works Branch.

The Supg. Engineer proposes to create a new Head Quarter Subdivision with portions taken from the Chingleput and Trivellore Sub Divisions.

The proposals will increase establishment and other charges.

VI Circle. The Supg. Engineer applies for an extra Assistant Engineer for Madura and reduces the Upper Subordinates by one.

Presidency Architect's Division The S.S. applies for an extra Asst. Engineer and 3 Upper Subordinates

A proposed re-distribution list is submitted for approval.

12.3

12.3.90

The revised Scale has been drawn up for an establishment of

×78 Ex & Asst. Engineers
°179 Upper Subordinates
×46 Temp. Upper Sub.

× actual numbers on Madras list.
actual number after deducting 6 men transferred to M.W. Dept.

Sanctioned for the year 90-91

as two divisions have been abolished the sanctioned strength of Executive Engineers must be reduced by two and also a proportion of assistants & subordinate numbers. Unless this is done the saving on the transfer of Military Works will not be realized. How is it to be done? Is Indian to be addressed? What is the meaning of "present scale" "proposed scale" & "revised scale"? I can understand a present scale & a proposed scale but not the other.

W.S. 24 Mar.

Mem. 22-3-90 R 24/3

1/12

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83

— 22 {

PUBLIC WORKS DEPARTMENT,

~~[illegible] DEPARTMENT.~~

# PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

From the Supdg. Engineer I Circle, H.Q. No. 680 G.L., dated 27th February 1890.
" — Do. — II " — " No. 533 G.H. dated 13th February 1890.
" — Do. — III " — " No. 3381 dated 13th February 1890.
" — Do. — IV " — " No. 52 E.W. dated 10th February 189
" — Do. — V " — " No. 7134. dated 3rd February 189
" — Do. — V " — " No. 7246 dated 9th February 189
" — Do. — V " — " No. 2441 Z.J. dated 7th February 189
" — Do. — VI " — " No. 242 P.R. dated 9th February 1890
" Chief Engineer [illegible] No. 1713. dated 10th February 1890
" Consulting Architect to Government No. 1939 dated 28th February 1890
" Do " — No. 2071. dated 10th March 1890
" D. — "

Print [illegible]

The transfer of Military Works in this Presidency to the Military Works Department renders a re-arrangement of the executive establishment necessary and the letters recorded above contain the views of Superintending Engineers as to the changes which should be made.

2. The sanctioned strength of the Executive Establishment will be.

as follows:—

Executive Engineers & } ~~44~~ ~~29~~ } 75
Assistant Engineers } ~~77~~ ~~22~~ ~~29~~ }
Upper Subordinates, Permanent 179.
—Do.— Temporary 46;

and as no increase of the establishment is admissible ~~the present~~ there numbers must be utilised to the best advantage.

3. The last column of the statement appended to
Proceedings shows the
scale of Executive Engi
sistant Engineers, and
ordinates which is
nture to be consider
the allotment for each
and Circle.

17.3.9

Gr. 18/3/90

*

G.O. / 3084

How is the same strength of 77 got over the above G.O.?

Please see note attached

21.3.90

ief Engineer for Irrigation
ief Engineer, Periyar Project
aminer, P.W. Accounts
perintending Engineers.
endary Architect.

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No. 1234 W. d/ 28th April 1890

85/46

PUBLIC WORKS DEPARTMENT.

# PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following:

the Suptg. Engr. I Circle N. E. No: 680 G.L. d/ 27th February 1890
" — Do — II " 533 G.L. d/ 13th February 1890
" — Do — III " " 3381 d/ 13th February 1890
" — Do — IV " " 52 E.W. d/ 10th February 1890
" — Do — V " " 7134 d/ 3rd February 1890
" — Do — V " " 7216 d/ 9th February 1890
" — Do — VI " 2441 I.J. d/ 7th February 1890.
" Chief Engineer, Periyar Project No: 245 P.R. d/ 7th February 1890
" Consulting architect to Government No: 1713 d/ 10th February 1890
" — Do — " — 1939 d/ 28th February 1890.
" — Do — " — 2071 d/ 10th March 1890.

Present statement

The transfer of Military Works in this Presidency to the Military Works Department renders a re-arrangement of the executive establishment necessary and the letters recorded above contain the views of Superintending Engineers as to the changes which should be made.

2. The sanctioned strength of the Executive Establishment will be as follows:—

{Executive Engineers & Assistant Engineers} 75

Upper Subordinates. Permanent 179

— do — Temporary.* 46;

and as no increase of the establishment is admissible these numbers must be utilised to the best advantage.

3. The last column of the statement appended to these proceedings shews the scale of Executive Engineers, Assistant Engineers and Upper Subordinates which is in future to be considered the allotment for each Division and Circle.

23.4.90

24.4.90

Gr. 25/4/90

Chief Engineer for Irrigation. ✓

Chief Engineer Periyar Project. ✓

Examiner, P.W. Accounts. ✓

Superintending Engineers. ✓

Presidency Architect. ✓

Despd

8/5/90

Govt. of 18 ) Madras

PUBLIC WORKS.

(90)

(90)

Dated

Recd. Encl.

G.O. 28th April 1890 No. 1234 B.

Executive Establishment

Re an augmentation the ——— in consequence of the transfer of the works to the Public Works Dept.

G.O.
1234
28 4 90

G.O. No. 1234 B

Dy 28 4