

Notes of Receipts of Divisional Accounts in the Examiner's office

Accounts for

Accounts for

All communication
should be addressed
to the Secretary.

No. 6528

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

GENERAL.

To

The Secy. to the Govt of Madras

Public Works Department

Dated Simla, 28th April 1882

Sir,

I am directed to invite attention to P. W. Department letter No 8428 of 13th April 1880, and to request that the Government of India may be informed without delay of the number of passed Students of the Royal Indian Engineering College, who will have completed their year of practical training in October 1883 that will be required in Madras distinguishing those required with specialities as indicated in the letter above quoted.

I have the honor to be

Sir,

Your most Obedt Servt

W. K. Simpson

Under Secy to the Govt of India

7 May/80 No 1102. A.W.
 " 1202 B.W.
 2 May/81 No 1134 W.

P. H. C. No 2826

Recd 7 May/82

List of Casualties

Years	Names	Remarks	Total
1870-79	Lt. Baldwin	Servies replaced to Milly Dept.	
	Lt. Col. Gaddard	Retires under G.O.D. of '77	
	Mr. Gilby	Servies dispensed with	
	Lt. Col. Law	Retired	
	" Scott	Transf. to other duty	
	Major Genl. Wilkinson	Deceased	
	Col. Ford	Retired	
	" F. Moberly	do	
	" A. Moberly	do	
	Mr. Hunter	Servies dispensed with - 10.	
1879-80	" Leggatt	Deceased	
	Major Broad	do	
	Mr. Lowry	do	
	" Mackean	do	4
	Col. Farewell	Retired	
1880-8	Major Knidle	Transf. to the Milly Dept.	
	Lt. Dabson	Deceased	
	Mr. Hutchings	do	4
Carried forward - 18			

Oct. 13-5
 Cui: 12-5 R. R. 16-5 R.
 Recd: 17-5 R. R. 20-5 R.
 Again 19-5-82
 7/27

1881-82

Nil

Brought forward - 18

Total - 18

Average for the 4 years - $\frac{18}{4} = 4\frac{1}{2}$

R.F.

11-5



Exhibiting the numbers
of Military & Civil Engineers
in the years given as in
classified lists

(1) Military men

	1862	1872	1882
Royal Engineers	43	43	36
Staff Corps	24	9	0
Total	67	52	36

(2) Civilians

Stanley Engineers	8	18	9
Coope's Hill	0	0	34
Other Sources	17	29	13
Total	25	47	56
Total Strength of the Dep't. Est.	92	99	92

The Staff Corps Officers
have finally disappeared.
The ~~also the~~ appointment
of Stanley Engineers has
come to an end, and
also very nearly those
in "Other Sources" above

Coope's Hill Officers
as matters now stand

1881

Remain practically
to share the Office
of the Department
with Royal Engineers

As regards the latter
the decrease from 43 to
36 Officers between 1862
and 1882 though not
great in itself is sig-
-nificant when it is
considered that the
old Corps of Madras
Engineers is moribund
and that practically
all accessions of strength
from the same Corps of
Royal Engineers has now
apparently ceased

As a distinct proof
of the great change and
in progress it may be
observed that in an
unbroken list of 39
Civil Asst. Engineers
there is not the name
of a single Royal
Engineer Officer

Under existing arrangements



therefore every thing points
to the Department becoming
exclusively Officerd by
Copper's Hill Engineers who
were and there are a few
from the Madras C.E. College

I do not desire to under-
-rate in any way the merits
of a large number of the
Copper's Hill Engineers but
it is only right to say that
they have not had at all
the opportunities which
either the Royal Engineers
or the Stanley Engineers of
acquiring practical knowledge
of their profession and
I also cannot help re-
-marking that judging
from the large number
whose health has become
impaired there would
seem to be a want of
the requisite physique
so indispensable to men
in this Department

The value of the R.E.
Element to the well
being of the P.W. Dept.
has been so fully ack-
-nowledged, and the

necessity of retaining
a large body for employment
in service in the field * See annexed pamphlet
so well recognized by by Colonel Chesney.
the highest authorities
including H.E. the Commr
in Chief that it is
thought that under
the circumstances above
briefly set forth advan-
tages should be taken of
the present opportunity
to request the G.O. to order
to transfer at once 3
young Officers of R.E. and
arrange for 3 more joining
in the course of next year
of failing to fit men and
to transfer 6 Officers in
all next year

The demand for Officers in all the Regts
as above shown is based on bare requirements to
fill the scale but it is one thing to have men on
paper and quite another to have thoroughly
efficient members of an Estab^t. - Even the
most intelligent Officers are not efficient as yet.
Engineers in 2 or 3 years after joining, and hardly
ever make efficient Executive Engineers under 10
or 12 years service in the Regt. - Properly speaking
we should have a percentage above scale to meet
the useful contingencies in this respect, and in any
case much foresight has to be exercised 12/5/82

I fully concur in the
views expressed in this
note. I am very
glad to hear of
R.E. Officers being
added to our R.E.
but the proposed
applicⁿ will not
satisfy the G.O. Enquiry
is that the R.E. of
Coopers Hill will be
able to require in
1883. & to this I must
answer must be
given. We cannot
ignore it. or

again 19.5.82
17.5.82
12.5.82

C. No 2824

Hon W Hamilton
H.E. the Commr in Chief
Seen in R. Hon the Governor

For orders

In their letter No 652
G.O. of 28th April 1882
the G.O. request to be
informed "without delay" the
of the number of passed
students of the R.E.
College Coopers Hill will
be required in the Estab^t
of this Regt in October
1883

Including Major
Brown and Captain
Kensington the returns
show that we have
at this moment all
counted 90 Officers
Effective against 92
Sanctioned; therefore
2 vacancies

It is doubtful whether
Major Brown will
at the expiry of his

just to join the Sept.
next year, but as regards
Capt. Kensington the
Supreme Dir. having secured
his services for the next
3 years he cannot be
considered as effective;
the number of vacancies
is thus raised certainly
to 3

At this moment it
is difficult to estimate
the precise number of
probable casualties

The returns of the
past few years (see
annexed office note)
show the average to
be $4\frac{1}{2}$. This includes
however 3 retirements
under the Royal Warrant
of 6 Sept. 1878 which
if allowed for would
reduce the average
to about 4 per
annum

But it must be
borne in mind that

decline I take any
I think ~~not~~ altho I
don't know how far our
strength at present
compares with the strength
of the Establishment. I do
suppose that our ~~strength~~
will be fully met by
an add. of 8. I do
suppose we
obtain them. &c.

*NB The exceptional
retirements due to the
large reductions of strength
in 1879-80 have been
unusually excluded
in the calculation

appears I am doubtful
in the estimate judging
from their apparent
disinclination to

join the P.W.D.
The recent history
from G.D. that no
add. of the same kind
strength will under
any circumstances be
admitted - but that
be must be employed
agony on job work -
hence proposals of
being in Extra P.W.D.
I suppose from this
is the doubt as to the
compulsory nature of
of P.W.D. Majors now in
the Dept.

I think G.D. has
be addressed in the
sense of the C.D. note.
with the add. of some
proposal regarding
Coopers Bill &c. &c.

all Sub. Colonels and
Colonels of the R.E. Corps
who received promotion
by operation of the Warrant
of 1878, will by the end
of next year have com-
pleted the qualifying
service of 5 years which
entitles them to retire
under its provisions; and
there can hardly be any
question that several
Officers are certain to
do so - Colonel Chyng
being one who has as
yet notified his intention
will retire in October
1883

There cannot I think be
any doubt that at the
very least 4 of the Senior
Officers of Royal Engineers
will certainly retire &
probably more will do
so

We have thus to
provide at least

1 st In Existing Vacancies	3
2 nd average Casualties	4
3 rd Retirement of R.E.	4
Obvius	
Total	<u>11</u>

Against this number of
vacancies should be set-
1st the number of ⁴Cooper's
Wile Students asked
in para 2 letter No
1134 W. D. 2^o May 1881
who will probably arrive
in next October

2^o one appointment re-
served in the C & College
Madras

in all 5 as against 11
vacancies thus leaving
6 young Officers to be
appointed before the
close of 1883

As to how many of
these appointments are
to be filled by natives
Mr Cooper's bill is a
matter of considerable
moment

As illustrating the
change of "material"
of our Estab^t during
the last 20 years I
beg to draw attention
to the following table

I agree with what Colonel
Saucy has written
regarding the desirability
of R.E. officers being
added to the P.W.D. in
Madras - The training
they receive in the
Department is very
valuable in every way
but one - it is practically
it inculcates self
reliance, and makes
them full of resources.
I think, however, they
become extravagant,
and are apt to consider
that all work must
be carried out in a high
finished and expensive
manner. -

I should much regret
to see a large proportion
of R.E. officers in the
P.W.D. - and anxious to
Mr Huddleston's suggestion
as contained in the
last paragraph of his
Memorandum. JH

15/5/02

O W. Sept.

13 May 1882

To

Mr W. Huddleston

H.E. in Comm^o in Chief

R. Huddleston the Governor

Oppl memo

The file to which this telegram
refers was circulated in order
yesterday

I have passed it on
JH
The file reached
me with this memo:
this morning. JH
15/5/02

See to Mr. P.W.D.

Again

I have read Col Sankar's note about Royal Engineers and the general state of his Department, but find no definite suggestion

as to the answer to be sent to the Govt of India. That answer should go today & I do not wish to delay it by asking to see the papers again. We have very little chance of getting Sir Royal Engineers at all & no chance of getting them, without correspondence which will make a vibration of itself

May 16th/82

INDIAN TELEGRAPH

Class. *DS* To *Madras* From *Simla* Local No. *18903*

Word. *24/11* Day. *12* Hour. *17* Minute. *16*

To (Person) *Madras Works* From (Person) *Works*

OFFICIAL INSTRUCTIONS

1. Please 2. reply 3. by 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

REC'D. FROM *Coopers* L. N. *1883* SENT TO *in* Mts, By *MSB*

At *required* Hrs. *13-5-82* Telegraph Master.

Date **MADRAS** 13-5-82

TRAFFIC CODE FORM C. 1. G. P. No. 4000-G. T. Press, No. 499, 26-9-81, 5000000.

P.W.D.

Telegram

To Ch. Asst doo

India telegraphs
please reply by
telegram to number
652-9 of 28th
ultimo, regarding
Coopers Hill Engineers
required in 1883+
message end +
Papers at doo.

Cy
13/5/82

Ans of - 13 May/82

+ Chw 2824
sent doo 6/5/82

Handwritten notes on a separate sheet of paper, including dates and numbers:

- 28-5-82
- 6-5-82
- 1-2824
- 11/5/82
- 11/5/82

only 12/5-

1882

W. L. Inward - 10

INDIAN TELEGRAPH.

Class. 2A

To (Station) Ootacamund From Station Triplicane Madras

Words 38/13 Day 13 Hour 12 Minute 5

To (Person) Chief Assistant P.W. Secretariat From (Person) Second Assistant Post Office Secrelariat

India telegraph please
telegram to number
28th ultimo regarding engineers
engineers required in 1883 message
Ends x Papers at voty

S. I. No. 4000-G. T. Press, -No. 128, 27-5-80, ---1000000.

S. I. No. 4000-G. T. Press, -No. 128, 27-5-80, ---1000000.

REGD. FROM L. N. SENT TO Mts., By AT Hrs.

Date 13-5-82

Telegraph Message

to the C & College
on the Permanent Estab.
instead of being in
the year 1883 is found
on further reference
to be for 1885

There would thus
according to the best
calculation that I
can make be seven
instead of six
vacancies in the
Permanent Estab.
to be filled up at
the end of next
year: the telegram
therefore adopts this
on the correct number

Plt

17.5.82

Proposed Telegram

To Works
India
Simla

"Yours 28th ultimo
+ Probably seven
vacancies in Estab-
lishment end of
1883 for majority
of which young
Royal Engineers
preferred + Cooper's
will men sent
should have irrigation
training"

Plt

17.5.82 J.R.

No. 1304 W.

Government of Madras.

PUBLIC WORKS DEPARTMENT.

To *The Secretary to the
Government of India.
P.W. Department.*

25th May 1880.

SIR,

In reply to your letter
No 652 G of 28th ultimo,
calling for the number of
passed students of the Royal
Indian Engineering College

L.H.D.
+ Your 28th ultimo x Probably
seven vacancies in Establishment
end of 1883 for majority of
which young Royal Engineers
preferred x Coopers' Hill
men sent should have

required at the end of next
year to fill up the vacancies
in the Establishment of
this Department, the telegram
as per margin was despatched
to you on the 18th instant

reference thereto
I am desired to submit
the following observations
for the favorable consideration
of the Right Honble the
Governor General in Council.

1. In the first place as
regards the number of
vacancies, seven, which
it is stated will have to
be filled up, I am to
observe that including
Major Bowen and Captain
Kensington transferred to
this Presidency as per
margin there are now
two full vacancies on
the normal scale as last
sanctioned for the Department.
Whether Major Bowen

& vide Notification in Part I
pages 47 & 48 of the Gazette of
India of the 4th Feby 1882.

will join this Department
at end of his present fur-
-lough is not known, but
as regards Captain Kenning-
-ton his retention by the
Mysore Government creates
a vacancy which taken
with the two before men-
-tioned brings the total
to three.

3. The average number
of casualties per annum
has, after making due
allowance for all extraneous
causes, been found to
amount to 4, and after
duly weighing the probable
effects of the Royal War-
-rant of the 6th Sept 1878

as causing retirements
from the Corps of Royal
(Madras) Engineers at
the close of 1883 it is
considered that not less
than 4 more vacancies
must be reckoned on as
likely to occur from its
operation.

4. From the total of
probable vacancies due to
the several causes above
set forth, 11 in all,
must be deducted, the
4 passed students of
Coopers' Hill College who
under para 2 of my letter
No 1134 W d/2^d May 1881
may be expected to arrive

next December, leaving the
total of seven required
by the end of 1883.

5. Owing to the changes
unnecessary here to specify
in detail which have
succeeded each other in
the sources of supply of
officers for this Department,
the number of Military
Engineers (Royal Engineers
and Staff Corps) have
decreased from 67 in 1862
to 36 in 1882 out of a
total of 92 officers in
the Department. Not
only so but the diminished
number of Royal Engineers
to the Department and

RECEIVED
1875
MAY 15

a body of officers for
meeting the exigencies of
war, (when from the
necessary curtailment of
grants for Public Works
their services can best
be spared) has satisfied
His Excellency in Council
that a continuance of the
present policy must entail
very undesirable consequences
for the future.

7. As the best means
for checking the injurious
tendency to which he has
thought it desirable to
draw attention, His Ex-
cellency desires me to
press on the serious

consideration of the
Government of India &
the advisability of taking
measures for securing the
services of such a number
of young Royal Engineers
officers as will at least
suffice to fill the majority
of the vacancies shown as
likely to exist at the
end of next year. If
appointed to the Sappers
towards the close of this
year they would have
qualified for entry into
the Department at the
end of 1883.

For such of the passed
students of the Royal
Indian Engineering College

of Cooper's Hill as His
Excellency the Governor
General in Council may
be pleased to appoint
those among them whose
studies have been chiefly
devoted to irrigation works
would best meet the
requirements of this Dept.

Att

18.5.82

per ord
28/5/82

22/5/82

C. No 2826

9-7-91V

Thos. W. H. [unclear]

H. E. to [unclear]

To R. H. [unclear]

11/1304 Way 25-5-10

E. C.

SP
25/5/82

Cen. 19.5. [unclear]

20/6

Entd. in Receipt Book