M.R.O. 1—77,000—3-6-31.

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(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public (Legislative) DEPARTMENT.

G.O. No. 57 Press Mis.

Dated 25 1867.

Not to be folded or roughly handled

No. 480. Read the following letter from the Director of Public Instruction, to the Chief Secretary to Government, dated Madras, 15th February 1867, No. 275 :—

1. I have the honor to submit, for the consideration and orders of Government, two communications* from the Principal of the Civil Engineering College, on the subject of the establishment of "the grade of Apprentice Engineer in the Madras "Department Public Works on similar conditions as to pay, promotion, &c., to those "now in force in Bengal; and that the passed Civil Students of the first Department "of the College furnish members for the grade in question."

* Requested to be returned.

2. I beg to support Captain Edgcome's proposal.

From the Principal of the Civil Engineering College, to the Director of Public Instruction, dated Chepauk, 6th February 1867, No. 766.

1. Adverting to the Orders of Government marginally noted, I have the honor herein to point out the injurious effect they have produced on the working of the first Department of the College, as well as the difficulties they have created in the promotion of well deserving and experienced Upper Subordinates in Public Works Department, and I beg to submit, as a remedy, a proposition which I request you will be good enough to consider fully, and forward to Government for disposal.

G. O., P. W. D., No. 680, dated 7th March 1864.
" " 2,699, " 16th Sept. "
" " 2,948, " 13th October "
" " 3,196, " 5th Nov. "
" " 2,030, " 27th June 1866.

2. The first Department was established in 1862, with the object of educating gentlemen for the position of Assistant Engineer in Public Works Department, and up to date of last examination (May 1866) thirteen gentlemen had so qualified.—(*Vide* Tabular Statement below, which also shows the dates of their passing the examination, and the appointments they now hold.)

List of Students of first Department of the Civil Engineering College, who have qualified as Assistant Engineers.

No.	Names.	Date of passing.	Remarks.
1	A. Rama Row, B. C. E.	December 1863.	Unemployed.
2	C. Coluudavaloo Moodeliar, B. C. E...	Do.	Supervisor, Travancore P. W. D.
3	S. Subbaraya Aucharry, B. C. E. ...	Do.	Do. Madras do.
4	Lieutenant A. Saxton, R. A. ...	Do.	Unemployed.
5	P. Mooroogasa Moodeliar	Do.	Dead.
6	G. Ruthnum do.	Do.	Unemployed.
7	Mr. S. J. Buchan	May 1864.	Accountant, Madras P. W.
8	Mr. Norris, B. C. E.	January 1865.	Sub-Asst., G. T. Survey of India.
9	Mr. A. Grant, B. C. E.	Do.	Accountant, Mysore P. W.
10	Lieut. R. Taylor, 10th Regt. N. I...	May 1865.	Asst. Engineer, Madras P. W. D.
11	Mr. C. D. Potter	Do. 1866.	Sub-Asst., G. T. Survey of India.
12	N. Veeraragavulu Iyer	Do. do.	Overseer, Madras P. W. D.
13	Mr. R. Hunter	Do. do.	Asst. Engr., Mysore P. W. D.

3. It will be seen from this Statement that out of thirteen Students who have qualified for Assistant Engineer grade, only two have obtained appointments as Assistant Engineer, the remainder having been compelled to accept appointments in Upper Subordinate grade, a measure not only disappointing and disheartening to themselves, but fraught with injustice to many old and well deserving Upper Subordinates (Overseers) who have been thus superseded and debarred from promotion.

4. The effect of the Government Orders, above quoted, on the working of the College has been thus, that the number of Students in first Department has decreased from eleven in May 1863 to five in May 1866.

5. I accordingly propose, for the sanction of Government, that the grade of Apprentice Engineer be established in the Madras Public Works Department, on similar conditions as to pay, promotion, &c., as that now existing in Bengal, and that the passed Civil Students of the first Department of the College furnish members for this grade to the extent of vacancies.

6. The Public Works Department offers such poor inducements to Military Officers to join it, that there will probably never be more than two or three at a time as Students in the College, who, when qualified (I apprehend), will have no difficulty in obtaining employment as Assistant Engineers. Of the Civilians the majority will, of course, be natives, by whom the position of Apprentice Engineer will be most highly valued, notwithstanding that the salary is less than that of Supervisor second Class, to which by G. O. 2,699, dated 16th September 1864, they may now be appointed on the occurrence of vacancies.

7. The Establishment of the grade of Apprentice Engineer, therefore, would not only remove all the difficulties that now exist in the working of first Department, and in the appointment and promotion of qualified Civil Students of the College, but would be of much benefit to the Public Works Department itself, as being a means of furnishing it, at a small cost, with Native gentlemen specially educated as Engineers, thoroughly conversant with the language and habits of the people with whom they may be brought in contact, and to whom the importance and responsiblity of their position as Apprentice Engineers would be guarantee for good and honest service.

8. I trust, therefore, you will give your support to my proposal.

Memorandum from the Principal of the Civil Engineering College, to the Director of Public Instruction, dated Madras, 11th February 1867.

In reply to his Memorandum No. 231, dated 7th February 1867, begs to forward the information required, being extracts from the latest edition of Bengal Public Works Department Code dated 1866.

Extracts from the Bengal Public Works Code.

Bengal Public Works Code, Chapter 1st, Section 1.

Paragraph 7. The Officers of the first three of these establishments are divided into classes and grades as follows :—

Designations.	Salaries per mensem exclusive of Travelling Allowance.		
	Military.		Civil.
	Staff or consolidated salary.	Maximum to be drawn in Public Works Department.	Consolidated salary.
* * *			
* * *			
* * *			
Apprentice	...	...	100

Paragraph 15. * * * * * Civil Members, Warrant and European Non-Commissioned Officers and Soldiers, will receive Presidency house rent in addition to their full salaries at the following rates :—

	Per mensem.		
	Rs.	A.	P.
* * *	0	0	0
Apprentices	20	0	0

Paragraph 16. Officers of the Engineer Establishment below the rank of Executive Engineer first grade, and Upper Subordinates below Sub-Engineer first grade, when serving at the Presidency, are allowed to draw the salary of the grade next above that in which they are regularly classified, in addition to the Presidency house-rent granted under the last paragraph.

Chapter 1st, Section 2.

Paragraph 31. The number of Assistant Engineers fixed for each Province will be that of actual requirements only, no addition being made for absentees, the reserve of Executive Engineers being regarded as affording the needful reserve for the class of Assistants also. Of the total number of Assistants under each local Government, and under the local Administrations taken together, one-third, adding one for a fraction of two-thirds, will be Assistant Engineers of the first grade, the remainder will be of the second and third grades and Apprentices.

32. It is to be understood that no officer is to be promoted to fill a vacancy in a higher grade unless he is considered deserving of advancement, and that the scale of grades need not necessarily be worked up to in each class. Vacancies in a superior class or grade may be compensated by a corresponding excess in any lower class or grade.

33. Promotions may be made from one class to another, from Assistant Engineer to Executive Engineer, whenever a vacancy occurs, but promotions from one grade to another within a class cannot be made before 1st of April or October following the date on which the vacancy occurred.

34. Vacancies in the grades of Assistant Engineers of the second and third grades, and of Apprentices, may be filled up in the usual way by the appointment of additional Assistants in any of these grades, under the rules laid down for first appointment.

Chapter 2nd, Section 4.

Paragraph 1. The Engineer establishment of the Public Works Department, as limited by the demands of the public service, is thrown open to all classes of persons duly qualified, the Government of India reserving the right of selecting at pleasure from among all the Candidates. In ordinary cases, no one will be admitted to this branch of the Department except as an Assistant Engineer or Apprentice.

2. Apprentices will be appointed from the Civil Students of Indian Colleges, and other Civil Candidates.

6. Passed Students of the Government Civil Engineering Colleges will be appointed in the third grade of Assistant or as Apprentices, and will be considered on probation for one year. There is no fixed length of service in the grade of Apprentice, but promotions from that grade to Assistant Engineer third grade, will be made half-yearly in the usual way.

Chapter 4th, Section 3.

First Clause. Travelling Allowances will be granted to the Officers of the Engineer Establishment under the following. These allowances will, in all cases, be in addition to the regular departmental salaries.

I. Travelling Allowance shall (except as provided for in Rules III. and IV.) be granted in any case where an Officer does not proceed to a greater distance than five miles beyond the boundary of his Station, or from his ordinary residence, permanent or temporary, or standing camp.

II. For travelling on public duty, any distance not exceeding twenty miles (whether, as in an excursion, ten miles out and ten back, or the whole in one direction) in one day, Officers shall, (subject to the limitation in Rule I,) be allowed as follows :—

Chief Engineers. Superintending Engineers. Controllers, 1st and 2nd Class.	Rupees 6 per diem.
Executive Engineers. Superintendents of Works. Controllers, 3rd Class. Deputy Controllers.	Rupees 5 per diem.
Assistant Engineers. Apprentices.	Rupees 4 per diem.

This allowance is, in each case, to cover all expenses including the provision of tents or boats, and other travelling equipage.

V. For travelling on public duty any distance greater than twenty miles (whether as an excursion, ten miles out and ten miles back, or the whole in one direction) in one day, Officers shall (subject to the limitation in Rule I.) be allowed eight Annas per mile for the whole distance travelled, in lieu of the daily allowance under Rule II., but if any part of the distance be travelled by Railway, the allowance for such portion will only be at the rate of three Annas a mile.

Transferred to the Public Works Department.

(Signed) F. BRANDT,
Acting Under Secretary.

FORT SAINT GEORGE,
16*th February* 1867.

No. 481. ORDER THEREON, 25th February 1867, No. 557.

ESTABLISHMENT, No. 48.

As the organization of an Engineer Apprentice class can only be effected by a reduction in the number of Assistant Engineers of the 1st and 2nd grades, and as such an arrangement would unquestionably prove detrimental to the efficiency of the Public Works Department, the Government regret their inability to sanction the proposal which is submitted by the Director of Public Instruction in his letter above recorded.

(True Extract.)

Colonel, R. E.,
Secretary to Government.

To the Director of Public Instruction.
,, Educational Department.

Exd. S. T. Augustin.

Chapter 1st Section 1 Para 4 Bengal P.W. Code

The Officers of the first three of these Establishments are divided into Classes and Grades as follows.

Designations	Salaries Per Mensem Exclusive of Travelling Allowance	
	Military	Civil
	Staff or Consolidated Salary	Pensionable Consolidated Salary
	£	£
X	X	X
X	X	X
X	X	X
Apprentice	0 "	100

Para 15th

X X X X X X X

Civil Members, Warrant and European non-Commissioned Officers and Soldiers, will receive Presidency House rent in addition to their full salaries at the following rates.

	Per Mensem Rs. As. Pie.
X X X	
Apprentices	20 — 0 — "

Para 16th Officers of the Engineer Establishment below the Rank of Executive Engineer, 1st Grade and Upper Subordinates below Sub Engineer 1st Grade, when serving at the Presidency are allowed to draw the salary of the grade next above.

above that in which they are regularly classified, in addition to the Provincial Service leave granted under the last Paragraph.

Chapter 1st. Section 2 Para 31st. The number of Assistant Engineers fixed for each Province will be that of actual requirements only, no addition being made for absentees, the reserve of Executive Engineers being regarded as affording the needful reserve for the Class of Assistants also. Of the total number of Assistants under each Local Government and under the Local Administrations taken together, one third, adding one for a fraction of two thirds, will be Assistant Engineers of the 1st Grade, the remainder will be of the 2nd and 3rd Grades and Apprentices.

32. It is to be understood that no Officer is to be promoted to fill a vacancy in a higher grade, unless he is considered deserving of advancement, and that the scale of grades need not necessarily be worked up to in each Class. Vacancies in a superior class or grade may be compensated by a corresponding excess in any lower class or grade.

33. Promotions may be made from one Class to another, from Assistant Engineer to Executive Engineer whenever a vacancy occurs, but promotions from one grade to another within a class cannot be made before 1st April or October following the date on which the vacancy occurred.

34 Vacancies in the grades of Assistant Engineers of the 2nd and 3rd grades, and of Apprentices, may be filled up in the usual way by the appointment of additional Assistants in any of those grades, under the rules laid down for first appointments.

Chapter II Section IV. Para 1st 3

1. The Engineer establishment of the Public Works Department as limited by the demands of the Public service is thrown open to all Classes of persons duly qualified, the Government of India reserving the right of selecting at pleasure from among all the Candidates. In ordinary cases, no one will be admitted to this branch of the Department except as an Assistant Engineer or Apprentice.

2nd. Apprentices will be appointed from the Civil Students of Indian Colleges, and other Civil Candidates.

3rd. Passed Students of the Government Civil Engineering Colleges will be appointed in the 3rd Grade of Assistants as Apprentices, and will

a will be considered on probation for one year.
c There is no fixed length of service in the
g grade of Apprentice, but promotions from
t that Grade to Assistant Engineer, 3rd
b Grade will be made half-yearly in the
fa usual way.

g Chapter VI. 1. Travelling Allowances will
n Section III. be granted to the Officers of the
& 1st Class. Engineer Establishment under the
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n Cases be in addition to the regular Depart
m=mental Salaries.

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t as provided for in Rules III & IV), be
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co Officers shall, (subject to the limitation
3 in Rule I), be allowed as follows.

Chief Engineers —
Superintending do — Rs. 6 Per diem.
Controllers, 1st Class —
Executive Engineers
Superintendents of Works
Controllers, 2nd Class — Rs. 5 Per diem.
Deputy Controllers
Assistant Engineers
Apprentices, — Rs. 4 Per diem.

This allowance is, in each case, to cover all expenses, including the provision of tents or boats, and other travelling equipage.

V. For travelling on Public duty any distance greater than 20 Miles (whether as an excursion, 10 Miles out & 10 Miles back, or the whole in one direction) in one day, Officers shall, (subject to the limitation in Rule I), be allowed eight annas per Mile for the whole distance travelled, in lieu of the daily allowance under Rule II; but if any part of the distance be travelled by Railway, the allowance for such portion will only be at the rate of three annas a Mile.

Lieut Gen
11 Feb 57

Lt Engineers
Cal Fd Ex
Pun: C.S. [illegible]

No. 245

OFFICE OF THE DIRECTOR OF
PUBLIC INSTRUCTION,
MADRAS, 15th February 1867.

From

E. B. POWELL, Esq.,
Director of Public Instruction.

To

The Chief Secretary to
Government of
Fort St. George.

SIR,

I have the honor to submit
for the consideration and orders of
Government the accompanied
Memorial from the Principal of the Civil
Engineering College in the subject of
the establishment of the
grade of Assistant Engineer
in the Madras Department and the
Rules for similar conditions
as to pay, promotion, &c. to those
now in force in Bengal and
that the Madras Civil Students
of

1.

2.

Bell

Public Works Dept

1710

C.N. 9537

Proceedings of the Madras Government

Under date the 25th February 1867

Read the following

from the Director of

Public Instruction

No. 1 dated the 15th February 1867

C. 2757

On the organization of

an Engineer Apprentice class

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inability to sanction the

proposal which is recom-

mended by the Director

of Public Instruction in

his

W.M.

Public Works Department

From The Director of Public Instruction,

To The Secretary to Government,

Dated 15th February 1867.

Received 18th February 1867.

No. 1.

Enclosures 3.

Subject Proposal for the appointment of Engineer Apprentices.

Sir,

I have the honor to submit for the consideration of Government the accompanying proposal for the appointment of Engineer Apprentices.

2. The object in view is to secure a supply of Assistant Engineers of the 1st and 2nd Grades, and the proposal is to effect this by the appointment of Apprentices who shall be educated at the Civil Engineering College, Madras, and who shall be required to enter into an agreement to serve the Public Works Department for a certain number of years after they have passed the College Examination.

3. The number of Apprentices to be appointed annually is limited to 12, and the number of years of service required from them after they have passed the College Examination is limited to 5. The number of Assistant Engineers of the 1st and 2nd Grades required annually is 20, and the number of Apprentices appointed annually is 12, so that the

his letter above recorded_

3

To the Director of Public Instruction
Toronto Ontario
Education Dept

Dec 26/16

Pub: Works 1867 Department

Proc: of Govt. for February

No. 557

Proc: of the Madras Govt.

Dt 25th February 1867

The Director of Public Instruction informed that the proposal for the establishment of a class of Engineer Apprentices in the Public Works Dept. cannot be sanctioned

No 1180 - 1181