Government of Madras

HOME (EDUCATION) DEPARTMENT

G.O. No. 722, 31st May 1917

Engineering school

Directing that a new — for the training of lower subordinates be established at Vizagapatam and requesting the Director of Public Instruction to submit detailed proposals therefor.

169

N. P.

500—4-17.

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Number of copies { Letter. / Cover.

ORIGINAL.

2

Government of Madras

HOME (EDUCATION) DEPARTMENT

G.O. No. 722, 31st May 1917

Engineering school

Directing that a new — for the training of lower subordinates be established at Vizagapatam and requesting the Director of Public Instruction to submit detailed proposals therefor.

READ—the following papers:—

I

Extract of paragraph 3 of Board's Reference No. 2011, dated 13th October 1915.

* * * * * *

3. In this connection, the Board begs to bring to the notice of Government the large number of exemptions which have to be applied for on behalf of the Minor Irrigation Staff in various districts on account of the great difficulty experienced by Collectors in recruiting passed men. During the nine months from January to September 1915, not less than three applications for permanent, and five for temporary, exemptions from the Upper Subordinate test have been sought for and sanctioned by Government and five temporary exemptions from the Lower Subordinate test had to be granted by the Board and extended for further periods in three cases. The paucity of qualified candidates does not appear to be confined to one district or a group of similarly circumstanced districts but is apparently felt by Collectors all over the Presidency, applications for exemptions received so far having come from such widely scattered districts as Vizagapatam, Gōdāvari, Bellary, Anantapur, Cuddapah, Chittoor, Trichinopoly and Salem. The Board is not sure whether this state of things is due to lack of qualified men or to the insufficiency of the pay and prospects of the Minor Irrigation staff in spite of their recent improvement under G.O. No. 2586, Revenue, dated 5th September 1914, and ventures to suggest that the Chief Engineer may be consulted on these points.

II

Memorandum No. 1148-1 L., dated 22nd February 1916.

All Presidents of District Boards and Chairmen of Municipal Councils are requested to report at an early date the total number of engineering officers of the different * grades employed by them in 1905 and 1915.

* Engineer.
Assistant Engineer.
Overseer.
Sub-overseer.

(By order.)

V. T. KRISHNAMA ACHARIYAR,
Under Secretary to Government.

To all Presidents of District Boards.
,, all Chairmen of Municipal Councils.
,, all Collectors.

III

Replies from Presidents of District Boards and Chairmen of Municipal Councils.

IV

Official Memorandum No. 1722-B/15-4, Revenue, dated 17th February 1916.

With reference to paragraph 3 of its Reference No. 2011, dated 13th October 1915, the Board of Revenue is requested to report—

(1) the average number of vacancies (including casualties, resignations, dismissals, etc.) that occurred during the last ten years in the Minor Irrigation staff in the whole Presidency;

(2) the average number of such vacancies that were filled up by qualified candidates, and

(3) how far the supply of candidates fell short of the demand.

(By order.)

A. H. A. Todd,
Under Secretary to Government.

To the Board of Revenue (Revenue Settlement).

V

Reference from the Board of Revenue (R.S., Sur., L. Rds. and Agri.), No. 1749, dated 4th September 1916.

The Hon'ble Mr. Lt. E. Buckley,
Commissioner of Revenue Settlement, Survey, Land Records and Agriculture.

Read—the following papers:—

(i)

Memorandum—from Government, Revenue Department.
No.—1722-B/15-4.
Dated—the 17th February 1916.

(ii)

Reference—from the Board of Revenue (Revenue Settlement).
No.—320.
Dated—the 22nd February 1916.

(iii)

Replies thereto from Collectors.

Reference—No. 1749, *dated 4th September* 1916.

In connection with the question of the difficulty experienced in securing qualified men for vacancies in the Minor Irrigation establishment, Government in their memorandum No. 1722-B/15-4, Revenue, dated 17th February 1916, have called for information on the following points:—

(i) the average number of vacancies (including casualties, resignations, dismissals, etc.) which occurred during the last ten years in the Minor Irrigation staff in the whole Presidency;

(ii) the average number of such vacancies which were filled by qualified candidates; and

(iii) how far the supply of candidates fell short of the demand.

The information furnished by Collectors in reply to a reference made to them on the subject is tabulated in the statement appended.

2. It will be seen that, on an average, one out of every two vacancies in the Minor Irrigation establishment has had to be filled by the appointment of an unqualified man and that the dearth of qualified men for posts in the department is felt in almost all the districts. In some districts, like Chingleput and Trichinopoly which are peculiarly favoured by position or other conditions, little difficulty has generally been experienced in filling vacancies with qualified men, although the large number of vacancies in the two specified districts indicates that the appointments are readily abandoned.

3. The Board is of the opinion that the three chief causes that militate against the popularity of service in the Minor Irrigation department are—

(i) absence of prospects;
(ii) subordination to lower revenue officers;
(iii) the low rates of pay offered.

The absence of prospects is obvious.

Minor Irrigation officers are placed under Tahsildars which they do not like and are often subject to criticism by Revenue Inspectors which they like still less.

As pointed out by some Collectors the rates of pay offered to the men in the Minor Irrigation department are, notwithstanding the improvements sanctioned in G.O. No. 2586, Revenue, dated 5th September 1914, still too low to attract qualified or efficient men. The salaries of supervisors and sub-overseers in the Minor Irrigation department are much below those of equal rank in the Public Works Department, although the qualifications required of both are the same. The pay of a Public Works Department supervisor ranges from Rs. 150 to Rs. 200, while that of a Minor Irrigation supervisor begins on Rs. 120 and ends with Rs. 140 and, although both the Minor Irrigation and Public Works Department sub-overseers start on the same initial pay of Rs. 30, the former can rise only to Rs. 60 by annual increments of Rs. 2, while the latter can rise by increases of Rs. 5 in the various grades to a maximum pay of Rs. 80. There is no doubt that the low starting pay of Rs. 30 combined with the comparative slowness in promotion render service in the Minor Irrigation department unattractive.

4. The Board is not in a position to express an opinion whether the output of qualified men from the Engineering College is sufficient to meet the requirements of both the Public Works department and the Minor Irrigation department. It may be that the output is adequate, and that the terms of employment in the Minor Irrigation department do not attract qualified men or it may be that the absence of attractive employment reacts on the number of students. The Chief Engineer may be consulted on the point.

5. In its Resolution No. 2339, Mis., dated 19th July 1913, dealing with the reorganization of the Minor Irrigation staff, the Board favoured the abolition of the sub-overseer grade and the employment of overseers only. As overseers and sub-overseers are called on to do the same class of work, and as overseers are not at present obtainable, it is worth considering whether the Revenue Department should not rely on sub-overseers alone. The advice of the Chief Engineer may be taken on this point. If the suggestion is adopted, it will be necessary to offer sub-overseers in the Minor Irrigation Department at least the same pay and increments as the same class of men gets in the Public Works Department. It may even be necessary to offer a higher initial pay to attract men to the less attractive department.

6. In case the overseers' grade is abolished, there will be difficulty in recruiting men for the supervisors' posts, as higher qualifications than those of sub-overseers are required in the case of supervisors and as the rules of the Engineering College do not seem to permit sub-overseers, in service, who will have ordinarily passed only the lower subordinate or a corresponding test of the college, to return to college to take a higher qualification. It has no doubt been found possible to obtain a limited number of overseers and a solution of the difficulty might perhaps be found by retaining a certain number of overseers' posts in each district and placing the men on a Presidency list so that their prospects of promotion to supervisors' rank might not be limited to the district in which they are first entertained.

7. To overcome the difficulties of recruitment to the Minor Irrigation staff at present experienced, the Collector of Tinnevelly suggests the amalgamation of the Minor Irrigation establishment with the Department of Public Works. This proposal has already been vetoed by Government in paragraph 7 of their Order No. 2586, Revenue, dated 5th September 1914, and the Board is not ready to recommend a reconsideration of that order as it is convinced that the proposed arrangement is unlikely to work satisfactorily.

T. Raghaviah,
Secretary.

To the Secretary to Government, Revenue Department, with a copy of the appendix.

APPENDIX.

Districts. (1)	Number of vacancies permanent as well as temporary which occurred during the last ten years in the Minor Irrigation staff. (2)	Number of such vacancies which were filled up by qualified candidates. (3)	How far the supply of candidates fell short of the demand, i.e., the number of vacancies filled up by unqualified candidates. (4)
1. Ganjam	11	4	7.
2. Vizagapatam ..	5	2	3. On several occasions the posts had to be kept vacant for periods ranging from two to five months for want of qualified persons.
3. Godavari ..	*5	†1	2.
			2. Vacant. Vacancies have to be filled up by unqualified men. Efforts made to secure passed candidates have been unsuccessful. This must be due to the number of men who pass out from the Engineering college every year not being sufficient to meet the demand.
4. Kistna	4	3	1. Qualified men have generally been procurable though with difficulty for sub-overseer's posts. It has been found quite impossible to find a suitable qualified man for the newly sanctioned post of overseer. If it were allowed to promote a sub-overseer to the grade of overseer, the chance of rising to the higher appointment would probably draw a better class of men to the post of sub-overseer. The duties of a Minor Irrigation Overseer do not materially differ from those of a sub-overseer and higher qualifications need not be insisted on in the case of overseers.
5. Guntur ..	2	..	2. For one of the two vacancies an unpassed man was appointed and exempted permanently; and for the other an unqualified man has been appointed temporarily for want of a suitable man.
6. Kurnool ..	14	7	7. One of the overseer's posts has been vacant since 1st August 1915 for want of qualified men. Of the five Minor Irrigation sub-overseers only two are qualified, one was permanently exempted to hold the post and the remaining two are unqualified men acting in permanent vacancies. The improvements in the pay and prospects of the Minor Irrigation staff have not apparently attracted qualified men for the vacant posts.
7. Bellary ..	26	10	16. Out of 26 vacancies that occurred during the last ten years only ten were filled up by qualified persons. The paucity of qualified men is much felt in this district. Much improvement can be effected if the maximum pay of the appointment is allowed to be drawn in the first year of appointment instead of waiting for a number of years to earn the maximum pay.
8. Anantapur ..	5	3	2.
9. Cuddapah ..	6	5	1. For want of a qualified man the Collector is asking for the exemption of the best unqualified man who applies. The initial pay of Rs. 30 allowed to Minor Irrigation sub-overseers appears to be too low to attract qualified men.
10. Nellore ..	2	2	.. The paucity of qualified men is felt in the district. In temporary vacancies the posts have to be kept vacant or put in charge of the sub-overseers of an adjoining range or a non-qualified man appointed after getting him exempted.
11. Chingleput ..	27	27	.. Two unqualified men had to be appointed in two vacancies but they have since been replaced by qualified men who were got from other districts. There are no unqualified men in the Minor Irrigation establishment at present and there is not so much difficulty in securing qualified men as there was in previous years.
12. South Arcot ..	9	6	3. Except in the last few years there has been no noticeable shortage of supply of passed upper subordinate candidates. During the last year or two great difficulty has been experienced in securing the services of qualified candidates in spite of wide advertisements. As regards the lower subordinates the supply is adequate.
13. North Arcot ..	12	8	4. It is very difficult to get suitable qualified men for the posts of Minor Irrigation overseers and the few whose services are procured are of an inferior stuff who cannot get into the Public Works Department or Local Fund Departments, where there are better prospects of promotion.
14. Chittoor ..	6	2	4. Three of these four posts are held by men partially qualified and one post is vacant for want of suitable persons.
15. Salem	28	2	26. In spite of the recent improvements in the pay and prospects of promotion of the Minor Irrigation staff it is hard to get qualified men and with a view to make the posts more attractive the minimum pay of a sub-overseer should be raised to at least Rs. 50 and he should be paid the usual batta and travelling allowance according to rules; or a fixed travelling allowance of Rs. 15 per mensem.
16. Coimbatore ..	3	3	.. The supply of candidates did not fall short of the demand.
17. Trichinopoly ..	15	14	1. The unqualified man was permanently exempted from upper subordinate test towards the end of 1915.

* Includes one post still vacant. † On probation.

Districts. (1)	Number of vacancies permanent as well as temporary which occurred during the last ten years in the Minor Irrigation staff. (2)	Number of such vacancies which were filled up by qualified candidates. (3)	How far the supply of candidates fell short of the demand, i.e., the number of vacancies filled up by unqualified candidates. (4)
18. Tanjore ..	1	1	..
19. Madura ..	5	3	2. One vacancy in the grade of overseer was filled up by a sub-overseer with permanent exemption and another vacancy in the grade of sub-overseer was filled up by the permanent clerk-draftsman with temporary exemption.
20. Ramnad ..	1	1	..
21. Tinnevelly ..	7	4	3. Two posts of overseers have been filled up from the grade of sub-overseers temporarily for want of qualified men. This state of affairs is due to the fact that the prospects of men appointed to places in the Minor Irrigation establishment do not compare favourably with those of candidates possessing similar qualifications in the Public Works Department. While a qualified overseer in the Public Works Department can rise to a Sub-Engineer's post (pay Rs. 250) and above, a qualified overseer in the Minor Irrigation establishment cannot hope to rise above a supervisor's place on Rs. 140. The chances of securing even this promotion are not great. The remedy for this state of things consists in amalgamating the Minor Irrigation establishment with the Public Works Department. The details of the proposed scheme are set out in the note.

Order—No. 722, Home (Education), dated 31st May 1917.

The Government have had under consideration for some time past the question of meeting the growing demands of the Revenue, Local Fund and Public Works Departments for qualified subordinates trained in the College of Engineering. The number of students now trained annually in the College of Engineering is inadequate to meet these demands, and a large proportion of the vacancies arising in the Revenue and Local Fund departments has to be filled by the appointment of men who do not possess the requisite educational qualifications. When the College of Engineering is removed to the new buildings now under construction at Guindy, it will be possible to train more students than at present, but the larger number thus secured will still be insufficient to meet all requirements.

2. The Government have accordingly resolved to open a new engineering school for the training of lower subordinates and, with a view to attract a larger number of students from the Telugu districts, direct that the school be located at Vizagapatam.

3. The Director of Public Instruction is requested to report at an early date as to the establishment required for the school and also to submit a detailed estimate of the initial and recurring charges that will have to be incurred by the Government. He is also requested to favour Government with his views as to the arrangements to be made for the efficient management of the institution. It has been suggested that the institution when opened may be placed under the direct control either of the Principal of the College of Engineering or of one of the local officers of the Public Works Department. The Government doubt whether either of these arrangements would be suitable. The Principal of the College of Engineering has already a large institution under his charge and he could exercise only nominal control over a school situated at such a distance, though he may be expected to exercise some general supervision over the curriculum of the school and by occasional visits of inspection ensure that the working of the school is in harmony with that of the college. Nor could the local officers of the Public Works Department supervise the school effectively without serious interference with their touring and inspection work. In view of these considerations, it would perhaps be preferable to place the institution under a competent superintendent to whom a large measure of responsibility could be entrusted. The Director is requested to give due consideration to the various points raised above before submitting his final recommendation.

4. Orders will issue in the Public Works Department in regard to the preparation of plans and estimates for the buildings required for the accommodation of the school and also as to the selection of a suitable site for the school in communication with the officers of the Educational Department.

(True Extract.)

R. RAMACHANDRA RAO,
Secretary to Government.

To the Director of Public Instruction.
,, Public Works Department (with copy of notes).
,, Financial Department.
Copy to the Revenue Department.
,, Local and Municipal Department.
Editors' Table (paragraphs 1 and 2 only).

5

NOTES CONNECTED WITH G.O. No. 722, HOME (EDUCATION), DATED 31ST MAY 1917.

[SUBJECT.—*Establishment of an additional Engineering School.*]

Previous papers :

G.O. 213, *Educational*,	5*th March*	1912.	G.O. 466, *Educational*,	1*st May*	1915.
,, 1578 *M.*,	14*th August*	1913.	*Memo.* 90-*D.*,	15*th* ,,	,,
,, 798, *Educational*,	26*th* ,,	,,	G.O. 976 *W.*,	24*th* ,,	,,
,, 82 *W.*,	10*th January*	1914.	,, 705, *Educational*,	30*th June*	,,
,, 121, *Educational*,	27*th* ,,	,,	,, 1184 ,,	1*st November*	,,
,, 2586, *Revenue*,	5*th September*	,,	*Memo.* 8788-*C.*,	16*th December*	,,
,, 185, *Educational*,	19*th February*	1915.	G.O. 724, *Educational*,	3*rd July*	1916.

REVENUE DEPARTMENT.

Extract of notes relating to B.P. No. 2011, *dated* 13*th October* 1915.

An extract of paragraph 3 of the B.P. Ref. No. 2011, dated 13th October 1915, may, it is submitted, be separately forwarded to the Public Works Department (Irrigation) for remarks.

A.H.A.T.—26-10-15.
L.D.—27-10-15.

B.M.R.—23-10-15.
W.A.K.—25-10-15.

PUBLIC WORKS (IRRIGATION) DEPARTMENT.

In G.O. No. 2586, Revenue, dated 5th September 1914, Government sanctioned a reorganization of the minor irrigation establishments which was calculated to effect a material improvement in their pay and prospects. They did not, however, approve the recommendation of the Board of Revenue that Collectors should be empowered to confirm unqualified men in their appointments if they show after two years' work that they are competent. They agreed with the Board that it was not advisable to reduce the qualifications prescribed for minor irrigation sub-overseers which were already lower than those required in the Local Fund and Public Works Departments.

2. In its reference quoted above the Board states that even in spite of the improvements sanctioned in the Government Order referred to above, a large number of exemptions, have been applied for, so much so that in a period of nine months, from January to September 1915, three permanent, and five temporary, exemptions from the upper subordinate test had to be sanctioned by Government, while during the same period the Board sanctioned five temporary exemptions from the lower subordinate test and three extensions of periods. The Board enquires whether this state of things is due to lack of qualified men or to the insufficiency of the pay and prospects.

3. It is believed that the state of affairs is due to a combination of both the causes mentioned above. In the Public Works Department where the lower subordinate begins with Rs. 30 and the upper subordinate from Rs. 60, it is found extremely difficult to get qualified men and the difficulty is accentuated when the period of appointment is short or temporary. It may be that when the new Engineering College is built the college may turn out more men.

This is the case ; at present the outturn is much below the demand especially of lower subordinates. The establishment of lower subordinate schools at, say, Rajahmundry and Trichinopoly, with a two-year course, might be considered ; the new Engineering College will not turn out enough.

F.E.M.—9-11-15.

4. As observed in the Secretary's note on page 77 of the Notes to G.O. No. 2586, Revenue, dated 5th September 1914, the matter appears to be one for the Public Works (General) Department to whom the case may be transferred u.o.

G.V.—9-11-15.
P.K.S.—9-11-15.

F. E. MORGAN—9-11-15.

Transferred to the Public Works (General) Department.

It is believed that the outturn from the College of Engineering is far below the requirements of the Presidency.

W. M. Ellis—10-11-15.

Public Works (General) Department.

In the linked file* there is a proposal to ask the Principal, College of Engineering, Madras, to increase the number of admissions to the probationary subordinate, upper subordinate and the lower subordinate classes to the maximum number which the present college can hold. If this is done, it seems that the demand for men for minor irrigation purposes will also be met to some extent. With the above information the case may be returned to the Revenue Department.

*Disposed of by Memorandum 8788-C., 16th December 1915.

C.R.—16-11-15.

T.V.N.—16-11-15.

W. G. Molesworth—25-11-15.

The supply of upper and lower subordinates is admittedly insufficient to meet demands, but the resources of the Engineering College are strained to their utmost to turn out the numbers which they are now doing. With the college at Guindy the outturn will be greater, and until that time comes I am afraid suitable unqualified minor irrigation overseers must be accepted.

S. B. Murray—30-11-15.

Revenue Department.

With reference to the Public Works Department note above, it is submitted that that department may be requested to state approximately when the Engineering College will be removed to Guindy and to put up the papers.

N.P.A.—7-12-15.

W.A.K.—8-12-15.

I don't think that is necessary.

D. N. Strathie—8-12-15.

I agree. As a matter of fact it will certainly be years—3, 4 or 5—before actual transfer takes place. Work nominally began last March, I believe, but the estimate is something like 17 lakhs : and execution will take years.

If the Public Works Department do not contemplate any other source from which to supply trained subordinates we can only accept Mr. Murray's conclusion that, for the present, reasonably competent minor irrigation overseers must be confirmed, irrespective of technical certificates of qualification. It would be useless to raise the pay of these posts, the supply *ex hypothesi* for these being deficient.

Honourable Member for perusal.

L. Davidson—9-12-15.

I should like to see the file on the subject of increasing the number of admissions to the classes at the College of Engineering.

A. G. C[ardew]—12-12-15.

The file referred to by the Honourable Member has been obtained from the Public Works Department and is submitted (Public Works Department Memorandum No. 8788-C., dated 16th December 1915). Reference is solicited to pages 46-51 of the file.

N.P.A.—20-12-15.

W.A.K.—21-12-15.

D.N.S.—22-12-15.

L.D.—23-12-15.

The very useful information collected in the notes leading to Public Works Memorandum No. 8788-C., dated 16th December 1915, shows that the number of students that can be admitted into the College of Engineering in its present premises is not sufficient for the needs of the Public Works Department, and that though, when the new College at Guindy is complete, the number can be raised, it will barely even then suffice for the requirements of the Public Works Department and such supplies as already go to the Revenue and Local Fund Departments. But the calculations appear to me to leave out of account the fact that the Revenue and Local Fund Departments do not at present get a sufficient supply of qualified candidates. I do not know whether things have changed for the better of late years in the Local Fund Department but it used to be very difficult to get and retain qualified and suitable upper and lower subordinates, and the Board's remarks in the present current file show clearly that the Minor Irrigation Department cannot get qualified men and has to be constantly granting exemptions. It is, therefore, very necessary to increase the supply of qualified candidates available for the Revenue Department and it is very likely that the same is the case in regard to Local Funds. If so, the fact that three or four years hence the College of Engineering, on its new premises, will be able to meet the requirements of the Public Works Department does not furnish a complete disposal of the problem, because the needs of the Minor Irrigation and Local Fund Engineering Departments remain to be considered. Moreover, is it not probable that the demand for qualified engineering subordinates from private employers, especially the great zamindars, will increase? The development of the Pumping and Boring Department, if it is transferred to the control of the Director of Agriculture, will also tend in the same direction, and it seems probable that by the time the new College of Engineering is ready, the demand for trained men will exceed its increased accommodation just as the present demands exceed those of the present college. There appears therefore to be good ground for examining further the question of starting at least one additional school outside Madras and preferably in the Telugu country to increase the outturn of lower subordinates. I should like this file sent to the Public Works Department for remarks with reference to Mr. Murray's note of the 12th instant.

B

Page 51 of Public Works Memorandum 8788-C., 16th December 1915.

A. G. C[ardew]—25-12-15.

Public Works Department.

Submitted.

2. With reference to **B** of the Honourable Member's note above the Revenue and the Local and Municipal Departments may perhaps be requested to collect statistics and find out—

(1) the average number of vacancies that occurred owing to casualties on account of resignations, dismissals, retirements, deaths, etc., during the last ten years in the Minor Irrigation and the Local Fund Engineering Departments in the whole Presidency;

(2) the average number of those vacancies that were filled by qualified candidates; and

(3) how far the supply fell short of the demand on the average.

C.R.—5-1-16.

T.V.N.—6-1-16.

W. G. Molesworth—8-1-16.

I have spoken to the Honourable Member (Revenue) about this, and it was decided that, while the information indicated above was being collected, I should consult Mr. James about the general lines on which an additional, or subordinate, school in the Northern Circars should be started. Draft demi-official to Mr. James below.

S. B. Murray—23-1-16.

The draft demi-official below is forwarded to Educational for perusal before issue.

S B.M.—24-1-16.

EDUCATIONAL DEPARTMENT.

Attention is solicited to the office notes and the discussions on the resolution regarding the establishment of an additional civil engineering school moved by the Hon'ble Rao Bahadur M. Ramachandra Rao at the meeting held on the 13th March 1915—pages 10 to 20 of papers with G.O. No. 466, Educational, dated the 1st May 1915. The Government, while recognizing the importance of providing further facilities for the training of civil engineers, suggested that the consideration of the question might be deferred to a more favourable opportunity. The resolution was accordingly withdrawn. There appears, however, to be no harm in asking Mr. James at present to report on the establishment of another school. The draft demi-official may, it is submitted, be perused and returned to the Public Works Department with thanks.

S.A.—31-1-16.

V.S.—31-1-16.

His Excellency for perusal.

P. RAJAGOPALA ACHARIYAR—2-2-16.

Is this in addition to the proposed Engineering School at Cocanada—or is it a different kind of school, which is contemplated?

P[ENTLAND]—3-2-16.

Submitted that the present proposal is to establish a school for the training of lower subordinate engineers, apart from the Mechanical Engineering School at Cocanada which is intended to impart instruction in Mechanical Engineering of the Elementary grade to the artizans—G.O. No. 121, Educational, dated the 27th January 1914. Arrangements are now being made by Mr. Tressler to start the Cocanada school.

S.A.—4-2-16.

V.S.—4-2-16.

The two are quite different.

P.R.—6-2-16.

Thanks.

P[ENTLAND]—7-2-16.

PUBLIC WORKS DEPARTMENT

The draft demi-official to Mr. James may be issued. After its issue, the file may be sent to Revenue for collecting the information indicated in this office note on page 3 ante.

C.R.—9-2-16.

T.V.N.—9-2-16.

Issue the demi-official and then return the file to me. I should like to speak to His Excellency about it.

S. B. MURRAY—9-2-16.

Demi-official—from the Hon'ble Mr. S. B. MURRAY, Joint Secretary to Government, Public Works Department.
To—W. H. JAMES, Esq., Principal, College of Engineering.
Dated—the 9th February 1916.
No.—27-Ad.-2.

Some time ago we discussed the question of having one or more subsidiary engineering schools for the training of lower subordinates, and we decided that for some years at all events you would just be able to give us as many men as we wanted when the new College at Guindy had been opened. It has now been brought to my notice that the Revenue Department also look to the Engineering College for their minor irrigation establishment and that we are quite unable to give them the number of qualified men they require. This reopens the whole question, and I have been directed to ask you to prepare a general scheme for a school somewhere in the Telugu area. I am asking the Revenue Department to let me know their probable requirements and in the meantime you might go ahead in thinking out the general lines on which such a school would be run in conjunction with the Engineering College.

The demi-official has been issued and the file is resubmitted as ordered above.

T.V.N.—10-2-16.

Returned to office.

S. B. MURRAY—11-2-16.

Submitted that the file may be sent to Revenue and Local and Municipal u.o. for collecting the information indicated on pages 3 and 4 ante.

T.V.N.—12-2-16.

S.B.M.—12-2-16.

REVENUE DEPARTMENT.

The information asked for in the Public Works Department note at pages 3 and 4 above is not available in this office. The Board may be asked to furnish the information. A draft official memorandum is submitted for approval.

K.A.M.—16-2-16.

W.A.K.—16-2-16.

A. H. A. TODD—17-2-16.

[Official Memorandum No. 1722-B/15-4, Revenue, dated 17th February 1916.]

The file should now go to Local and Municipal for collecting their share of the information desired.

A.H.A.T.—17-2-16.

Demi-official—from W. H. JAMES, Esq., Principal, College of Engineering.
To—the Hon'ble Mr. S. B. MURRAY, Joint Secretary to Government, Public Works Department.
Dated—Madras, the 5th April 1917.

The information in regard to requirements of Revenue Department in the way of lower subordinates does not seem to be coming along, so I enclose a note herewith on subsidiary schools, based on assumption of 30 admissions per annum, which may perhaps serve your present purpose.

ENCLOSURE.

Subsidiary Engineer Schools for the Training of Lower Subordinates.

Schools of this kind may be either—

(*a*) attached to the College of Engineering, Madras, and subordinate in their general administration to the Principal of the College; or

(*b*) independent institutions and subject only to the direct control of the Director of Public Instruction or Chief Engineer, Public Works Department.

I am of opinion that the first is the better arrangement, at any rate to start with and until there is some indication of the direction in which schools of this type are likely to develop. Under these conditions it will be possible to keep the teaching in line with that of the college and the existing arrangement of probationary classes with promotion to upper subordinate classes can be worked in combination without difficulty, either having open competition all through or, if Government consider it advisable in view of the probability that the central institution will attract a larger proportion of the more capable students and aided by necessarily better instructional facilities swamp in open competition the smaller mufassal schools, there may be a guaranteed minimum number of places reserved for each school, the justification, of course, being "local requirements". The training of all upper subordinate students would be conducted at the college while students not selected for that class will follow on with the lower subordinate course at their own institutions.

The idea is that the responsibility for admissions, examinations and all general working arrangements would lie with the Principal of the College, who would also make transfers between the staffs to suit special circumstances and do everything necessary to maintain a close connection between the college and the schools, in this way guarding against the possibility of a small school away in the mufassal dropping to a low standard.

If, on the other hand, the second alternative is adopted, the Superintendent at least of each subsidiary school will have to be a more highly qualified and expensive officer and the general administration somewhat more complicated. It will be possible also in this case to send students from these schools to the college for higher training as upper subordinates, but it is easy to foresee the many difficulties that may arise under divided control.

It would, of course, be practicable to arrange these subordinate schools for the training of lower subordinates, pure and simple, and without the probationary classes, but that I would not recommend, as obviously under such conditions they would only attract very poor material in the way of students. Assuming it is decided to start in accordance with (*a*), for a school admitting 30 probationary students each year and passing ten on to the college for higher training as upper subordinates, giving in all a total of 80 or say 90 allowing for the failures, etc., the accommodation required, the initial cost and the recurring expenditure will be something as follows :—

Accommodation.

	Sq. ft.
Three drawing offices (each about 1,200 square feet)	3,600
Two lecture rooms (each at least 20 × 20)	800
Model room and library	1,200
Superintendent's and assistants' rooms	400
Clerk's office	200
Instruments, stationery and store-rooms	800
Total	7,000

	Rs.
A two-storied building costing say with land, workshop and out buildings.	35,000—40,000

Equipment.

	Rs.
Surveying and other instruments	6,000
Workshop tools and fittings	3,000
School and office furniture	3,000
Library books, etc.	2,000
Models and other teaching appliances	2,000
	16,000

	Rs.		Rs.
Total initial cost	35,000		40,000
	16,000		16,000
	51,000	to	56,000

Recurring expenditure.

	Average. Per mensem. Rs.
Tutorial staff—	
One Superintendent, Rs. 400—20—500	466
One Assistant Instructor: Supervisor, second grade	150
Two Assistant Instructors: Overseers, first grade	200
One Workshop Teacher and Instrument repairer	30
One Gymnastic Teacher (part time)	15
	861

Clerical Establishment and Peons.

One head clerk	40
One assistant clerk and librarian and store-keeper	30
One attender	10
Two peons on Rs. 9 each	18
One peon „ 8	8
One „ „ 7	7
	113

Menial Establishment.

	Rs.
One gardener	7
One night-watchman	6
One punkah-man	5
One sweeper	4
One scavenger	4
	26

Allowances, Supplies and Services and Contingencies.

Travelling allowance of officers and establishment	100
Books and maps (including prizes)	250
Surveying and other instruments	500
Workshop charges, repairs to instruments, etc.	500
Survey camp and inspection tour charges	500
Minor repairs to buildings	200
Games	50
Furniture and apparatus	200
Contingencies	300
	2,600

(Note.—No provision is made for general annual building repairs.)

Total annual recurring charges.

	Rs.
Tutorial staff 12 × Rs. 861	10,332
Clerical establishment 12 × Rs. 113	1,356
Menial establishment 12 × Rs. 26	312
Allowances, supplies, etc.	2,600
	14,600
Recurring expenditure—say	15,000

Public Works Department.

File please.

S. B. Murray—18-4-16.

The main file on the subject was sent to Revenue and Local and Municipal u.o. on 12th February 1916 with a request to collect information as to the demand and supply of upper and lower subordinates in the Minor Irrigation and Local Fund Departments. It has not yet been received back with the required information. It is proposed in the linked file to send a second reminder to the two departments.

C.R.—26-4-16.

T.V.N.—26-4-16.

W. G. Molesworth—28-4-16.

S.B.M.—28-4-16.

Local and Municipal Department.

I am sorry we have not collected figures exactly on the lines asked for, but hope that those put up in the tables below will serve.

2. In 1915 local boards and municipal councils employed 417 overseers and sub-overseers between them. Taking the rate of decrement at 4·2* per cent, the number of vacancies to be filled annually is 18.

* This is very near the percentage arrived at in the notes to Memorandum 90-D., 15th May 1915.

3. At the same time there is likely to be a very large increase in the demand for officers of these grades in coming years. The increase in 1915 as compared with 1905 was 54·4 per cent. It will not be surprising if in the next ten years there is an

increase in the demand of twice that percentage. Supposing the total number in 1925 to be about 856, the annual rate of decrement at 4·2 per cent or, in other words, the demand on the Engineering Colleges would be 35.

4. In addition, to judge by the number of applications for exemption received, there must be a fair number of posts filled by unqualified men.

5. There is no doubt also a certain amount of demand by private firms.

C. G. TODHUNTER—26-5-16.

STATEMENT showing the total number of Engineering officers employed by municipalities in 1905 and in 1915.

Serial number.	Name of municipality.	Engineers.		Overseers.		Sub-Overseers.		Remarks.
		1905.	1915.	1905.	1915.	1905.	1915.	
1	Anantapur	..	..	..	1	..	..	
2	Gudivattam	..	..	..	(a) 1	..	..	(a) Water works.
3	Tirupattur	..	..	1	1	..	..	
4	Tiruvannamalai	..	..	..	1	1	..	
5	Vaniyambadi	..	..	1	1	..	..	
6	Vellore	..	..	..	1	1	(b)1	(b) Temporary.
7	Walajapet	..	..	..	..	..	..	
8	Chidambaram	..	..	1	1	..	..	
9	Cuddalore	..	..	1	(c) 1	..	..	(c) Supervisor.
10	Adoni	..	(d) 1	1	1	..	..	(d) Temporary.
11	Bellary	..	..	..	(e) 2	1	..	(e) One for the removal of congestion.
12	Hospet	..	..	..	..	..	1	
13	Mangalore	..	..	1	(f) 1	..	..	(f) Supervisor.
14	Chingleput	..	..	..	1	..	..	
15	Conjeveram	..	..	..	1	..	..	
16	Tirupati	..	..	..	..	..	..	
17	Coimbatore	..	..	1	2	..	..	
18	Dharapuram	..	..	..	..	..	..	
19	Erode	..	..	(g) 1	1	..	..	(g) Unpassed.
20	Cuddapah	..	..	..	..	1	1	
21	Proddatur	..	..	..	..	..	1	
22	Berhampur	..	..	1	2	..	..	
23	Chicacole	..	..	..	..	..	..	
24	Parlakimedi	..	..	1	1	..	..	
25	Cocanada	..	..	1	2	3	..	
26	Peddapuram	..	..	..	..	1	..	
27	Rajahmundry	..	..	..	..	..	..	
28	Guntur	..	..	..	..	..	..	
29	Narasaraopet	..	..	..	..	..	..	
30	Ongole	..	..	..	1	1	..	
31	Tenali	..	..	..	..	1	..	
32	Bezwada	..	..	..	1	(h) 2	..	(h) One Supervisor.
33	Ellore	..	..	..	1	1	..	
34	Masulipatam	..	..	..	1	1	..	
35	Kurnool	..	..	(i) 1	..	..	1	(i) Unpassed.
36	Nandyal	..	..	..	..	..	..	
37	Dindigul	..	..	..	..	(j) 1	1	(j) Unqualified.
38	Kodaikanal	..	..	..	(f) 1	..	..	
39	Madura	..	..	1	(k) 2	(k) 1	2	(k) One water-works overseer.
40	Palni	..	..	..	..	(l) 1	..	(l) Unpassed but technically qualified.
41	Periyakulam	..	..	..	(m)1	(m) 1	..	(m) Uncertified.
42	Calicut	..	..	..	..	(n) 1	1	(n) Upper subordinate.
43	Cannanore	..	..	..	1	1	..	
44	Cochin	..	..	..	(o) 1	..	1	(o) Unpassed.
45	Palghat	..	..	..	..	(p) 1	1	(p) Supervisor.
46	Tellicherry	..	..	..	1	1	..	
47	Nellore	..	..	..	1	1	1	
48	Coonoor	..	..	..	1	1	..	
49	Ootacamond	..	..	..	2	(q) 2	..	(q) One supervisor.
50	Srivilliputtur	..	..	..	..	..	..	
51	Virudupatti	..	..	..	..	..	..	
52	Salem	..	..	1	1	..	..	
53	Kumbakonam	..	..	1	1	..	..	
54	Mannargudi	..	..	..	..	..	1	
55	Mayavaram	..	..	..	..	..	1	
56	Negapatam	..	..	..	(r) 1	(r) 1	..	(r) Unqualified.
57	Tanjore	..	..	1	2	1	..	
58	Tiruvalur	..	..	..	..	..	1	
59	Palamcottah	..	..	..	1	1	..	
60	Tinnevelly	..	..	..	..	(s) 1	1	(s) Supervisor.
61	Tuticorin	..	..	..	..	(t) 1	1	(t) Upper subordinate.
62	Karur	..	..	..	1	(u) 1	..	(u) Passed the surveyor's test.
63	Srirangam	..	..	..	..	..	1	
64	Trichinopoly	..	..	..	1	1	..	
65	Anakapalle	..	..	..	1	1	..	
66	Bimlipatam	..	..	..	..	(v) 1	..	(v) Upper subordinate.
67	Vizagapatam	..	..	..	2	(w)2	..	(w) One supervisor.
68	Vizianagram	..	..	..	..	..	1	
	Total	..	6	38	53	11	17	

STATEMENT showing the total number of Engineering officers employed by District Boards in 1905 and in 1915.

Number.	Name of district.	Number of District Board Engineers.		Number of Assistant Engineers.		Number of Overseers.		Number of Sub-Overseers.	
		1905.	1915.	1905.	1915.	1905.	1915.	1905.	1915.
1	Anantapur	1	1	..	1	..	1	6	8
2	Arcot, North	1	1	2	2	9	8	3	8
3	Arcot, South	1	1	1	3	6	8	2	5
4	Bellary	1	1	..	1	1	4	6	7
5	Chingleput	1	1	1 ,,	2	..	9 (c)	7 (b)	3
6	Chittoor (i)	..	1	..	3	..	1	..	13
7	Coimbatore	1	1	1	4 (g)	4	7	12	10
8	Cuddapah	1	1	1	1	2	4	8 (n)	5
9	Ganjam	1	1	1 (supervisor).	2	4	8	8 (f)	11
10	Godavari	1	1	2	3	4	5	8	10
11	Guntur	1	1	3	4	2	3	12 (o)	13
12	Kanara, South	1	1	1 (supervisor).	2	3	7	5	6
13	Kistna	1	1	4	4	8	10	8 (k)	18
14	Koraput	..	..	..	..	2	2*+1	..	..
15	Kurnool	1	1	1 (supervisor).	2	3	5 (d)	3	7
16	Madura	1	1	4 (g)	3	2	4 (h)	9	13
17	Malabar	1	1	3	4	6	6	5	5
18	Nellore	1	1	1	2	2	5	8	7
19	Nilgiris, The	1	1	..	..	4	4	1	1
20	Rammad (f)	..	1	..	2	..	3	..	13
21	Salem	1	1	1	3	8	11	3	3
22	Tanjore	1	1	3 (supervisors).	4	6	11	6	10
23	Tinnevelly	1	1	1	4	4	5	6	12
24	Trichinopoly	1	1	..	2 (l)	6	9	..	5 (m)
25	Vizagapatam	1	1	1 (supervisor).	3	8	9	1	13
	Total	22	24	32	61	94	150	127	205
Number of officers expected to be employed in 1925 allowing for an increase of 25 per cent more than between 1905 and 1915.		24 + 2 = 26		61 + 36 = 97		150 + 70 = 220		205 + 97 = 302	
Annual number of vacancies		3		15		33		45	

* No report received. Verified from Budget statement X.
† Head maistri 1.
(b) including one draftsman.
(c) excluding 4 temporary Overseers.
(d) excludes 5 temporary well overseers.
(f) the district was constituted in 1911.
(g) includes 2 Sub-Divisional Officers.
(h) includes 1 well overseer.
(i) formed in 1911.
(j) includes 2 draftsmen.
(k) includes 3 draftsmen.
(l) includes 1 Assistant Engineer employed with effect from 1st January 1916.
(m) ,, 1 Sub-Overseer ,, ,, ,,
(n) includes 1 draftsman.
(o) includes 3 draftsmen.
(p) includes 1 supervisor on Rs. 100—150.

REVENUE DEPARTMENT.

Proceedings of the Board of Revenue (Revenue Settlement), No. 1749, *dated 4th September* 1916.

The enquiry as to the average number of vacancies in the minor irrigation staff, the number of such vacancies filled up by qualified candidates, etc. (vide Official Memorandum No. 1722-B/15-4, dated 17th February 1916) was made at the instance of the Public Works Department. The file may, it is submitted, be forwarded to the Public Works Department.

B.M.R.—28-9-16.

T.S.R.—28-9-16.

A. H. A. TODD—28-9-16.

PUBLIC WORKS DEPARTMENT.

Please see the Hon'ble Sir Alexander Cardew's note at page 3 ante. With reference to this note,

(1) the Local and Municipal and Revenue Departments were asked to obtain statistics as to how far the supply of candidates from the College of Engineering falls short of the demand; and

(2) Mr. James was asked demi-officially to prepare a scheme for a subsidiary Engineering school somewhere in the Telugu area (Northern Circars).

2. The statistics called for from Local and Municipal and Revenue have been received and Mr. James has also forwarded certain proposals for starting a subsidiary school to admit of thirty students in the probationary subordinate class every year.

3. It will be seen from paragraph 2 of the Local and Municipal Department's note at pages 7–8 ante that (calculated on the strength of overseers* and sub-overseers* employed in 1915 by local boards and municipalities) the number of vacancies to be filled annually is 18. In paragraph 3 of the same note it is stated that in the next *ten* years the strength of the establishment will become more than twice the number and that the demand on the Engineering College may therefore be taken to be 35. As it will not be possible to *foresee definitely* what will happen ten years hence, it seems that the present proposal may confine itself to the former figure based on the strength of the establishment in 1915, viz., 18 vacancies annually. From column 7 of the statement at page 40 of Memorandum No. 8788-C, dated 16th December 1915, it will be seen that on an average only six lower subordinates now take up employment in District Boards. Thus the supply falls short of the demand in this case by 18 — 6 or 12.

A

* Educational qualification prescribed for both the classes of appointments is lower subordinate test of the Engineering College.

4. With regard to the Minor Irrigation Department, it will be seen from column 4 of the statement appended to the Board's reference that the supply falls short of the demand by 9 on an average every year. But in paragraph 4 of its reference the Board states as follows:—

B

"The Board is not in a position to express an opinion whether the output of qualified men from the Engineering College is sufficient to meet the requirements of both the Public Works Department and the Minor Irrigation Department. It may be that the output is adequate and that the terms of employment in the Minor Irrigation Department do not attract qualified men or it may be that the absence of attractive employment reacts on the number of students. The Chief Engineer may be consulted on the point."

X

It will be seen from the statistics given in the statement at page 40 of Memorandum No. 8788-C, dated 16th December 1915, and at **A** and **B** ante that it is a fact that the present output of the Engineering College is not sufficient to meet the requirements of the Public Works Department, Local Fund and Minor Irrigation Departments. Please see also Secretary's note at page 2 ante. The point at **X** may be a reason for not attracting good qualified men to the Minor Irrigation Department.

5. Thus the total number required to be supplied in the Local Fund and Minor Irrigation Departments is 12 + 9 or 21. In his proposals at pages 5 to 7 ante, Mr. James provides for a school admitting thirty probationary students every year. Of this number, Mr. James expects that ten will be found fit for higher training as upper subordinates at the end of the two years' probationary subordinate class course. These are it is proposed to be sent on for the purpose to the Engineering College at Madras. The remaining twenty, if they have obtained the required minimum number of marks, will be trained in the new school as lower subordinates during the third year. Thus the output of the new school will, after some time, be ten upper subordinates and twenty lower subordinates provided none of them fail. This proposal may, it seems, satisfy in a way for the present the demands of the Local Fund and the Minor Irrigation Departments and it may perhaps be recommended in this department. The case may, if approved, be forwarded to the Home (Education) Department for consideration and issue of orders. They will no doubt consult the Director of Public Instruction.

6. In paragraphs 5 and 6 of its reference the Board of Revenue makes certain proposals for the reorganization of the Minor Irrigation staff. These will have to be considered in the Revenue Department. For this purpose a copy of these notes together with a copy of the Board's reference may be sent u.o. to that department.

A

C.R.—12-10-16.

10

The demand for lower subordinates taking account of the probable total vacancies per year in the Public Works Department, the Local Fund Department and the Revenue Department will be as shown below:—

Department.	Probable number of vacancies to be filled up every year.
Public Works Department	50 * (exclusive of temporary surveyors).
Local Fund Department	18 to 35 †
Revenue Department	20 ‡
Total ...	88 to 105

* Vide page 36 of Memo. 8788-C, 16th December 1915.

† Page 8 ante.

‡ Column 2 of the statement appended to Board's reference.

The number of students admitted into the probationary subordinate class since 1911, the number taken on to the upper subordinate class and the number passing out as lower subordinates are as shown below:—

Vide page 5 of Memo. 8788-C, 16th December 1915. Year.	Number of admissions to the probationary Subordinate class.	Number taken to the Upper Subordinate class.	Number in Lower Subordinate class.	Number of Lower Subordinates who pass.
1911	77	38	39	28
1912	102	42	60	45
1913	111	46	65	55 §
1914	125	40	85	75 §
§ Number estimated to pass. 1915	124	40	84	75 §
Total ..	539	206	333	
	38 per cent.			

It will be seen from the above that about 38 or say 40 per cent of the students in the probationary subordinate class qualify for promotion to the upper subordinate class. Of the 60 per cent left over in the lower subordinate class, about 75 per cent ‖ come out successful in the final examination. It is observed from page 49 of the Notes with Memorandum No. 8788-C., dated 16th December 1915, that the Principal, College of Engineering, can give admission into the probationary class to 50 students more than at present, i.e., 124 + 50 or roughly 180. Calculated on the above percentages, of the 180, 108 will remain in the lower subordinate class of whom 81 may pass out every year. Even this figure falls short of the total demand, viz., 88, which does not take into account the demand on account of temporary surveyors, demands from private parties, etc. There therefore seems to be a good case for opening an engineering school such as that proposed by Mr. James, which will provide admission for 30 students and train 20 of them for the lower subordinate course. The objection hitherto made to the opening of such an engineering school was that engineering education of any grade should be concentrated in large colleges—vide portion **A** on page 5 of the Notes to G.O. No. 466, Educational, dated 1st May 1915, which deal with a resolution brought forward in the Legislative Council meeting of March 1915, advocating the opening of an engineering school. A school as now proposed by Mr. James which will be subordinate in general administration to the Principal, College of Engineering, and be attached to that institution may not perhaps be open to so much objection. Educational will consider this view of this case and Financial will have to consider the financial aspect.

‖ Based on the results for 1911 and 1912

The questions raised in the reference from the Board of Revenue in regard to the reorganization of the minor irrigation staff are for consideration in Revenue, to whom a copy of the connected papers may be sent as proposed at **A** on page 10 ante.

W.G.M.—1-11-16.
S.B.M.—3-11-16.

A.N.—21/23-10-16.

Submitted for orders.

W. G. Molesworth—1-11-16.

These notes show clearly the necessity for an additional engineering school in connection with the Engineering College. The question of the number of students to provide for can be met either by designing the school so that it can be enlarged when necessary, or else by having a second school in some other part of the Presidency.

S. B. Murray—3-11-16.

Home (Education) Department.

This proposal to establish an additional engineering school has not yet been seen by the Director of Public Instruction. Submitted that the papers may be forwarded u.o. to him for remarks in the first instance.

P.R.—12-11-16.

N.K.—16-11-16.

C. Ramanuja Achariyar—17-11-16.

P. Rajagopala Achariyar—18-11-16.

Office of the Director of Public Instruction.

Mr. James's estimate for accommodation, staff, etc., does not seem extravagant though I think it likely that if such a school as he proposes were established it would be found capable of dealing with more than thirty students (yearly admissions) if they were wanted. The proposal to transfer men for the upper subordinate course to Madras seems a good one, but I do not think that it necessarily involves putting the school under the administrative control of the college as he suggests. There is something to be said for putting the school under a good man and giving him a good deal of responsibility, e.g., in the matter of admission. Local Public Works Department officers might exercise some supervision and if the school were at Dowlaishweram, a place that seems indicated, there would be no lack of such officers. The College Principal and staff might also make a thorough annual inspection.

J. H. Stone—25-11-16.

Home (Education) Department.

The Director supports the proposal to open an Engineering school in the Telugu country but does not consider that the school, if opened, should be under the control of the Principal of the College of Engineering. In their report on technical institutions, Lieut.-Col. E. H. deV. Atkinson and Mr. T. S. Dawson recommended that

Page 11 of G.O. 466, 1st May 1915.

Engineering education of every grade should be concentrated when possible in large colleges. It was in view of this recommendation and of the fact that when the new Engineering College buildings are

Page 16 ibid.

completed, it would be possible to admit more students for instruction, the Government opposed the resolution moved in March 1915 by the Hon'ble Mr. Ramachandra Rao for the establishment of an additional

Page 18 ibid.

Engineering school. At the same time they kept an open mind and agreed that it would be possible to consider the suggestion when funds become more plentiful.

2. It is for consideration whether a change in the policy hitherto pursued may not be deferred till some experience has been gained of the working of the Engineering College after its removal to the new buildings at Guindy. Besides the Public Works Committee recently appointed by the Government of India may have useful suggestions to make on the nature of the instruction to be given in Engineering Colleges and schools, and it may, perhaps, be advisable to await the recommendation of the Committee.

3. Mr. James estimates the initial cost of opening a new school at a figure varying from Rs. 51,000 to Rs. 56,000 and the recurring charges at Rs. 15,000. It is doubtful whether, in present circumstances, Financial will be able to provide the requisite funds.

N.K.—10-12-16.

It is admitted so far that further facilities for training Engineering subordinates are necessary. The actual working of the new Engineering College need not be awaited to decide definitely the above point. It is for the Public Works Department to say whether the deliberations of the Public Works Committee will affect the present question. No doubt financial considerations will not admit of any immediate outlay on the scheme; but the scheme may be developed in the meanwhile.

I agree.
P.R.—13-12-16.

Quite so. **A**
P.R.—13-12-16.

Yes.
P.R.—13-12-16.

The only question then for consideration is the location of the school. The Director of Public Instruction is the only officer who advises its location away from the Engineering College. The Hon'ble Sir Alexander Cardew seems also to favour it—page 3 supra. It is, however, against the principle enunciated by Messrs. Atkinson and Dawson and the recommendation of the Principal of the College, which is apparently accepted by the Chief Engineer.

I agree with the Director of Public Instruction.
P.R.—13-12-16.

C. Ramanuja Achariyar—12-12-16.

P. Rajagopala Achariyar—13-12-16.

Public Works Department.

The point for consideration in the Public Works Department in this file is that at **A** above.

2. The scope of the work of the Public Works Department Reorganization Committee is to inquire into and report generally upon the organization and the system of administration of the Buildings and Roads Branch of the Public Works Department with special reference to the question of entrusting the execution of works appertaining to that branch to agencies other than departmental, such as private Engineering firms and contractors, and local bodies. What the recommendations of the Committee will be cannot be foreseen, but supposing that they will involve the transfer of any considerable number of works to the other agencies referred to above and consequently to reduction in the present staff of the Public Works Department, the demand for subordinates will presumably not be affected, as the services of those not required by Government owing to the transfer of the works will then be required by the new agencies.

3. The Committee is also to consider whether the system of education in Government Engineering Colleges is organized on a sufficiently broad basis to provide duly qualified Civil Engineers (and presumably subordinates also) for employment by Government, local bodies and private agencies, and, if not, to suggest improvements. As at present the outturn of the Civil Engineering College is insufficient to meet all the above requirements, the present proposal to open a school for the training of additional lower subordinates will not be in conflict with the objects of the Committee.

4. It would therefore appear that the proposal in this file may be proceeded with, without waiting for the recommendations of the Committee.

R.K.—15-12-16.

G. D. Plummer—16-12-16.

W. G. Molesworth—16-12-16.

We must not hide away this proposal behind the Public Works Department Reorganization Committee. It will be safe to assume that the findings of that Committee will not reduce the number of Engineering subordinates required by Government or local bodies, or the size and scope of the Engineering College. We can therefore go ahead in working out a scheme for a subsidiary school.

2. Personally I attach importance to such a school—or schools—being under the direct control of the Principal of the Engineering College. The training and education to be given there should be on parallel lines with those at the parent college, and this will not be effected if each school is run as a semi-independent educational centre.

I do not like the idea of local Public Works Department officers exercising some supervision. We are full-time engineers, not schoolmasters.

S. B. Murray—18-12-16.

Home (Education) Department.

Submitted for orders on the issue raised on page 12 ante as to the location of the school. Orders are solicited whether the remarks of the Financial Department may be invited, before circulation of the file, on the financial aspect of the case with reference to paragraph 3 of office-note on page 12 of these notes.

P.R.—21-12-16.

N.K.—29-12-16.

The question of the location of the school has apparently to be first decided upon.

C. Ramanuja Achariyar—3-1-17.

Yes: ask the Director of Public Instruction about it please with reference to the Public Works note above. Let a clear demi-official issue.

P. Rajagopala Achariyar—8-1-17.

A draft demi-official is submitted for approval.

P.R.—8-1-17.

N.K.—10-1-17.

C.R.—11-1-17.

P.R.—15-1-17.

Demi-official—from the Hon'ble Diwan Bahadur P. Rajagopala Achariyar Avargal, C.I.E., Secretary to Government, Home (Education) Department.
To—the Hon'ble Mr. J. H. Stone, M.A., F.R.H.S., C.I.E., Director of Public Instruction.
Dated—the 16th January 1917.
No.—4712-1/16.

Please refer to your unofficial note No. 211 of the 25th November last, copy enclosed, on the subject of the establishment of a subsidiary Engineering school for the training of lower subordinates. Mr. Murray considers that the training and education to be given in the school should be on parallel lines with those at the parent college and that this will not be effected if each school is run as a semi-independent educational centre. He does not like the idea of the local Public Works officers exercising supervision over the school as they are full-time engineers and not schoolmasters. He therefore thinks that the proposed school should be under the direct control of the Principal of the Engineering College.

I am desired to ask you to consider the above remarks and advise Government as to the most suitable place for the location of the school and the arrangements to be made for its management. A copy of Mr. James' note on the subject is enclosed.

Demi-official—from the Hon'ble Mr. J. H. Stone, M.A., F.R.H.S., C.I.E., Director of Public Instruction.
To—E. A. Harvey, Esq., I.C.S., Acting Secretary to Government, Home (Education) Department.
Dated—the 23rd February 1917.
No.—35.

Referring to Diwan Bahadur P. Rajagopala Achariyar's demi-official No. 4712-1 of 1916, dated 16th January 1917, regarding the establishment of a subsidiary Engineering school for the training of lower subordinates, I enclose herewith a copy of Mr. James' letter R.C. No. 758 of

1916, dated 13th February 1917, with an expression of concurrence in his proposals. Provision for the residence of students should certainly be made and therefore for a sufficient proportion of the staff for supervision of hostels.

Enclosure.

Letter—from W. H. James, Esq., Principal, College of Engineering.
To—the Hon'ble Mr. J. H. Stone, M.A., F.R.H.S., C.I.E., Director of Public Instruction.
Dated—the 13th February 1917.
No.—R.C. 758 of 1916.

With reference to your Proceedings C. No. 731 of 1917, dated 30th January 1917, I have the honour to make the following suggestions in regard to the proposed subsidiary Engineering school.

2. I gather that it is the establishment of only one school that is being considered, and in view of the more urgent demand it seems desirable that the first school should be in the northern part of the Presidency.

3. The chief considerations in regard to the place where it should be established are (*a*) healthiness of locality, (*b*) facilities for out-door work, (*c*) accessibility from the districts it is intended to serve. The principal centres in any way suitable appear to be Bezwada, Masulipatam, Rajahmundry, Cocanada and Vizagapatam, and I favour the last named. As regards the accessibility, allowing that Madras will serve the country this side of the Kistna, then Vizagapatam is almost halfway beyond to the northern limits of the Presidency, and it is on the main railway line. Its advantages in other respects are manifest, and especially in that the neighbourhood of Waltair is particularly suitable country for the out-door surveying, which must necessarily constitute the leading feature of the work of such a school. It is a factor of some importance also that other educational institutions such as the Medical School, Government Training School, Mr. A. V. Narasinga Rao's College, Vizagapatam Technical Institute, etc., are already established in or near the town and will afford some opportunity of inter-school life. It is quite near enough important Civil Engineering Works for visiting purposes, and the railway workshop near at hand will help to bring the students into touch with the actualities of Mechanical Engineering, and the further possibilities of the place when the harbour works are taken in hand it is not necessary to dwell on.

4. It would simplify matters with the school under the direct control of the Principal if it is treated as an integral part of the college. The head of the school, who may be termed the Superintendent, should be in the position of a member of the college staff, and correspond only with the Principal except in dealing with matters of routine such as visits to local works, etc. The Principal would keep in close touch with the work of the school by a system of periodical reporting and by making visits of inspection from time to time.

5. The extra teaching staff might be recruited precisely as at present from the Public Works Department, the cadre of that department in the several grades being increased by the number required, postings and transfers as between the College and the Branch school being left to the Principal.

6. It is proposed that the office staff of the Superintendent should consist of a head clerk and an assistant clerk, the latter also looking after the library, but the extra work of correspondence, etc., would necessitate the addition to the clerical staff of this college of a clerk on about Rs. 30.

7. All returns, indents, etc., should be submitted to the Principal, either for incorporation with those of the college or for scrutiny before being sent to the officers concerned.

8. Provision for Europe stores, library books and prizes, etc., could be made in the college budget, which would be increased under particular heads to the extent required, and consolidated indents sent for execution.

9. Establishment, scholarship, contingent and travelling allowance bills should be countersigned by the Principal before being presented at a Treasury for payment, except that the Superintendent, a Gazetted officer, would draw his bill direct.

10. Fees would be collected by the Superintendent by dates specified and paid into the nearest Government treasury. Sums collected on account of students' deposit for instruments, etc., would be transferred here for payment to credit of General Students' Deposit Account with the Bank of Madras.

11. The rules relating to the courses of instruction and admission would be the same, so far as they are applicable, as those of the college. It is proposed that admissions should be made by the Principal, possibly in consultation with the Superintendent. The examinations would be the same as those for the corresponding classes in the college, and the marking done by the members of the college staff. Marks for practical work would necessarily have to be awarded by the school staff, and this is a matter that would call for close attention on the part of the Principal.

12. Another point to be considered is whether the school is to be residential. If so, the expenditure on Hostel buildings and Superintendent's quarters would add considerably to the cost of the scheme.

HOME (EDUCATION) DEPARTMENT.

The Principal of the Engineering College and the Director of Public Instruction recommend the establishment of the proposed Engineering school at Vizagapatam. The Director apparently sees no objection to the school being placed under the administrative control of the Principal of the Engineering College.

Page 13 of G.O. 724, Educational, 3rd July 1916.

2. The following statement shows the number of probationary and lower subordinate students who attended the College of Engineering in 1915-16 from the principal Telugu districts :—

Ganjām	4	Kistna	32
Vizagapatam	5	Guntūr	7
Gōdāvari	33		

Judging from the number of students alone it would appear that the school should be located either at Dowlaishwaram or at Bezwada. Before the proposal to establish the school at Vizagapatam is approved, the remarks of the Public Works Department may, it is submitted, be invited. It is also for consideration whether the Collectors of the districts concerned should be consulted in the matter.

3. The estimates furnished by Mr. James on pages 6 and 7 ante are apparently only rough estimates and it appears desirable to call for detailed proposals to ascertain accurately the financial effect of the scheme. The question of the construction of hostels and warden's quarters may perhaps be considered after the school has been opened and some experience gained of its working. The Director of Public Instruction may also be asked to institute enquiries whether a suitable private building can be rented for the location of the school to begin with. In any case it is doubtful whether it will be possible to give effect to the scheme till the war is over and the financial situation improves. On this point the remarks of the Financial Department may be invited.

N.K.—10-3-17.

Please see page 13 above. The difficulty raised against the school being located elsewhere on the score of its losing the higher ideals which its proximity to the college would otherwise secure for it is now not pressed and is got over by the school being placed under the Principal of the College and being considered as a branch of it, though located elsewhere. There is thus no more objection to a school in the northern districts.

The next point is the selection of the place—Vizagapatam or Gōdāvari. The latter has the Government Arts College and the new Training College, while the former has the Medical school. The Principal prefers Vizagapatam. The Public Works Department may be requested to advise on this point.

The other questions relating to details may be reserved for later consideration.

C. RAMANUJA ACHARIYAR—12-3-17.

As regards location it seems to me that there is much to be said in favour of Dowlaishwaram, both as being more central for the main body of the students and offering many of the other advantages claimed by Mr. James for Vizagapatam. Public Works Department will doubtless take into consideration the merits of all the places named.

E. A. HARVEY—13-3-17.

PUBLIC WORKS DEPARTMENT.

Submitted. The file was last seen by the Secretary on 18th December 1916—vide note at page 14 ante. The point on which the opinion of the Public Works Department is now asked for is as to the centre where the new Engineering school should be established—vide notes at page 15 et. seq. ante.

A.N.—15-3-17.

W. G. MOLESWORTH—15-3-17.

I know all the sites proposed, and taken all round I think Vizagapatam is the best of them.

S. B. MURRAY—20-3-17.

13

HOME (EDUCATION) DEPARTMENT.

The Public Works Department agree with the Principal that Vizagapatam is the best place for the school. Orders are solicited as to whether this may be approved.

I agree. R.R.—1-5-17.

2. The next step to be taken is the calling for detailed proposals to ascertain accurately the financial effect of the scheme—please see paragraph 3 of the office-note on page 16 supra. Before this is done, the scheme in general has to be approved and accepted by Financial. Before circulation, the file may be sent to the Financial Department.

S.A.—25-4-17.

N.K.—27-4-17.

C. RAMANUJA ACHARIYAR—29-4-17.

R. RAMACHANDRA RAO—1-5-17.

FINANCIAL DEPARTMENT.

Please see the Honourable Member's note on page 3 ante in which he directed that the question of starting at least one additional school outside Madras and preferably in the Telugu country to increase the outturn of lower subordinates should be examined, in view of the fact that the number of men now turned out by the College of Engineering is not sufficient to meet the demands of the Public Works Department, the Revenue and the Local Fund departments. The necessity for establishing this school, which is quite different from the one to be shortly opened at Cocanada, has been fully examined in the notes of the Public Works Department on pages 9-12 ante; and the rough details of a scheme formulated by the Principal of the College of Engineering will be found on pages 5-7 and 15 ante. It will be seen that the scheme is expected to involve a recurring expenditure of Rs. 15,000 per annum, and a non-recurring expenditure of from Rs. 51,000 to Rs. 56,000 plus outlay on construction of hostels and Superintendent's quarters, the amount of which is not known. The school is to be located at Vizagapatam, and Public Works Department and Home (Education) Department are in favour of the scheme.

A | It is now proposed to call for detailed proposals so as to ascertain accurately the financial effect.

2. When detailed proposals are received and the scheme has been definitely approved by Government, it will have to be examined in order to see whether it is of such *imperative urgency* that it should be immediately given effect to. Meanwhile the proposal at A need not, it is submitted, be objected to in Financial.

A.S.—12-5-17.

L. E. KERSHAW—14-5-17.

L. DAVIDSON—15-5-17.

HOME (EDUCATION) DEPARTMENT.

Honourable Member (Financial) also may like to see as he has on cenoted at length. R.R.—20-5-17.

The file may now be submitted to His Excellency and the Honourable Member (Public Works Department).

2. Attention is in this connection solicited to paragraph 5 of India's letter No. 274, dated the 23rd March 1917, containing that Government's comments on the suggestions made with reference to the report by Lieut.-Col. Atkinson and Mr. Dawson on the relations of technical institutions and employers of labour in India. In this paragraph dealing with the question of the establishment of separate institutions for the training of higher and lower grades of students in Civil Engineering, they say that the existing system must for the present be maintained pending the results of

any further enquiry that may be made in connection with engineering education generally. There appears, however, to be no objection to calling for detailed proposals for the establishment of a school at Vizagapatam.

S.A.—17-5-17.

N.K.—17-5-17.

The difficulty is sought to be got over by the school being placed under the Principal of the Central Engineering College at Guindy and being considered a part of it.

C. Ramanuja Achariyar—18-5-17.

The present proposals are for the starting of an Engineering school at Vizagapatam under the superintendence of the Principal, College of Engineering. If these are approved, it is intended to call for details.

R. Ramachandra Rao—20-5-17.

The school is required and may be approved, but I am not at all sure that it should be placed under the Principal of the College of Engineering. The latter point may, if necessary, be discussed in Council.

H. F. W. G[illman]—21-5-17.

I agree: and I share Mr. Gillman's doubts: and on this point I should be glad to have the Director of Public Instruction's views in greater fullness.

P[entland]—25-5-17.

Nearly one and a half years have elapsed since I noted on this subject on 25th December 1915 and the advance made in that long period of discussion seems to me to be thoroughly inadequate. I hope that the matter will now be pushed on with more expedition. A draft may, I suggest, be at once prepared approving of the establishment of the proposed school at Vizagapatam and calling on the Director of Public Instruction to report at an early date as to the establishment required for the school, and in this connection he should especially deal with the question of the control of the school. The suggestion that it should be under the *direct control* of the Principal of the College of Engineering seems to me quite impracticable. The Principal of a large College cannot directly control a school some hundreds of miles away without serious detriment to both institutions. He may, of course, exercise general supervision over the scope of the teaching in the school and by occasional visits take steps to see that the working of the school is in harmony with that of the college, but the words 'direct control' seem to me to be quite inapplicable to any practicable arrangement. Nor can the local Engineering officers, who have much touring and inspection to do, look after the school. It must have a Superintendent of its own, I think, who should not be regarded as an integral part of the college staff, as Mr. James suggests. The Director of Public Instruction will no doubt be invited to deal with these points.

As soon as the Director's reply is received, it can be considered whether the school cannot be at once started in rented premises. This is the course taken when a new medical school was required. That school was actually at work within three months of the project being first put forward. I hope the Educational Department will see whether it can equal that achievement!

Meantime orders might be issued in the Public Works Department directing the preparation of plans and estimates for the school buildings and instructing the local Public Works Department officers to select a suitable site in communication with the Educational Department and to report as soon as possible what site is selected and whether it is available or has to be acquired.

A. G. C[ardew]—26-5-17.

Draft order is submitted for approval. It may be sent to the Public Works Department for acceptance.

2. For orders whether the Government Order may be placed on Editors' Table,

N.K.—28-5-17.

14

For approval. May be placed on Editors' Table (omitting paragraphs 3 and 4).

C. Ramanuja Achariyar—28-5-17.

Draft for approval.

R. Ramachandra Rao—29-5-17.

P[entland]—30-5-17.

A copy of the draft revised as approved by His Excellency is attached to the file.

(By order)

T. E. Moir—30-5-17.

Issue.

R.R.—31-5-17.

It is regretted that, through oversight, the draft was not sent to the Public Works Department for acceptance as originally intended—please see paragraph 1 of office-notes supra. Submitted that the file may now be forwarded to that department u.o. for acceptance of paragraph 4.

S.A.—2-6-17.

N.K.—2-6-17.

E. A. Harvey—2-6-17.

Public Works Department.

Please see the notes from page 16 ante. Paragraph 4 of the draft order may be accepted in this department and the file returned to Educational. That department may be requested to send a copy of the notes when communicating the Government Order. On receipt of the Government Order with notes action will be taken in this department in regard to the preparation of plans and estimates for the building and for selecting a suitable site for the same.

W.B.S.—5-6-17.

K.G.—6-6-17.

D. Marshall—6-6-17.

S. B. Murray—7-6-17.

[G.O. No. 722, Home (Education), dated 31st May 1917.]

Order Press. no. 722 dt. 31.5.17

Home (Education) Dept

15

abstract

Engineering School

Directing that a new [illegible] for the training of lower subordinates be established at Vizagapatam and requesting the D.P.I. to submit detailed proposals therefor

The Government have had under consideration for some time past the question of meeting the growing demands of the Revenue, Local Fund and Public Works Departments for qualified subordinates trained in the College of Engineering. The number of students now trained annually in the College of Engineering is inadequate to meet these demands, and a large proportion of the vacancies arising in the Revenue and Local Fund departments has to be filled by the appointment of men who do not posses the requisite educational qualifications. When the College of Engineering is removed to the new buildings now under construction at Guindy, it will be possible to train more students than at present, but the larger number thus secured will still be insufficient to meet all requirements.

2. The Government have accordingly resolved to open a new engineering school for the training of lower subordinates and, with a view to attract a larger number of students from the Telugu districts, direct that the school be located at Vizagapatam.

3. The Director of Public Instruction is requested to report at an early date as to the establishment required for the school and also to submit a detailed estimate of the initial and recurring charges that will have to be incurred by the Government. He is

also requested to favour Government with his views as to the arrangements to be made for the efficient management of the institution. It has been suggested that the institution when opened may be placed under the direct control either of the Principal of the College of Engineering or of one of the local officers of the Public Works Department. The Government doubt whether either of these arrangements would be suitable. The Principal of the College of Engineering has already a large institution under his charge and he could exercise only nominal control over a school situated at such a distance, though he may be expected to exercise some general supervision over the curriculum of the school and by occasional visits of inspection ensure that the working of the school is in harmony with that of the College. Nor could the local officers of the Public Works Department supervise the school effectively without serious interference with their touring and inspection work. In view of these considerations, it would perhaps be preferable to place the institution under a competent superintendent to whom a large measure of responsibility could be entrusted. The Director is requested to give due consideration to the various points raised above before submitting his final recommendation.

4. Orders will issue in the Public Works Department in regard to the preparation of plans and estimates for the buildings required for the accommodation of the school and also

16

as to the selection of a suitable site for the school in communication with the officers of the Educational Department.

31/5/17.

To the D.P.I.
P.W.D.
Financial Dept.
Copy to the Revenue Dept.
Lt re Dept.
E.T. (paras 1 & 2 only)
Notedin call book

17

No. 55 of 16

Rgpd. 27.2.16
Encl. Nil

MUNICIPAL OFFICE.
ANAKAPALLE.

Dated 26th Feby 1916.

FROM

M.R.Ry. ~~P. RAJULU~~ G. Bhaskararow PANTULU GARU,
CHAIRMAN, MUNICIPAL COUNCIL,
ANAKAPALLE.

To

THE SECRETARY TO GOVERNMENT,
LOCAL AND MUNICIPAL DEPARTMENT,
MADRAS.

~~(Through the Collector of Vizagapatam)~~

SIR,

Adverting to Government Memorandum No. 1148-1 Le dated 22nd February 1916, I have the honor to report that there was only one overseer in this Municipality in 1905 and in 1915.

I have the honor to be,
Sir,
Your most obedient servant,
G. Bhaskararow
26.2.16
Chairman. M.C.

R.F.D.—80-i—19,902—13-6-13.

LOCAL AND MUNICIPAL DEPARTMENT.

CURRENT No. 159817

Received 191 Registered 28-2- 1916 18

REGISTRAR 27 FEB. 1916 LOCAL & MUNICIPAL SECRETARIAT

Subject

Submitting, that an unqualified overseer, on a salary of Rs 50/- per mensem, + a Conveyance allowance, of Rs 15/- was in the employ of the Council, in 1905 + 1915.

ENCLOSURES
No. Nil.
Spare copies

R.C. No. 172 of 1916.

Station NEGAPATAM, Dated the 25th February 1916

From (Name) M.R.Ry. C.R. Kunjithapatham Ayyar Avl., B.A., B.L.,

(Designation) Chairman, Municipal Council,

To the Secretary to the Government of Madras,
Local and Municipal Department.

Sir

With reference to Government memorandum No. 1148-1-L dated 22-2-16 calling for a report on the total number of engineering officers employed in this Municipality in 1905 and 1915, I have the honor to state that in both the years the Council had in its employ the unqualified overseer now in its service. His salary was Rs. 42/- per mensem in 1905 plus Rs. 15/- conveyance allowance. It is now Rs. 50/- plus Rs. 15/-

I have the honor to be,

Sir,

Your most obedient servant,

25-2

Chairman.

DESPATCHED 25 FEB. 1916

R.F.D.—80-4

LOCAL AND MUNICIPAL DEPARTMENT.

REGISTRAR
28 FEB. 1916
LOCAL & MUNICIPAL SECRETARIAT

CURRENT No. 15997 19

Received ..... 191 , *Registered* 28-2- 1916

Subject.

ENCLOSURES.
No. .....
.....
Spare copies .....

No. 461

Station Coonoor . *Dated the* 26th February 1916.

From (Name) Geo.H. Coleman Esq.,

(Designation) Chairman, Municipal Council, Coonoor

To the Secretary to the Government of Madras,
Local and Municipal Department.
Fort St. George, MADRAS.

Sir,

In reply to Government Memorandum No.1148-1 L., dated 22nd instant, I have the honour to state that this Municipality employed only one Engineer Officer of the grade of Overseer, in 1905 and also in 1915.

I have the honour to be,
Sir,
Your most obedient servant,

Geo H Coleman

Chairman,
Coonoor Municipal Council.

C.F.—29.

DEPARTMENT.

Cr: 16007. 20

Received 23 FEB. 1916 191 Registered 28.2. 1916

REGISTRAR LOCAL & MUNICIPAL SECRETARIAT

Subject.

Reporting the number of engineering officers employed.

ENCLOSURES.
No.
Spare copies

No. 2209

Station Tellicherry, Dated the 26th February 1916

From (Name) M.R.Ry. Rao Bahadur T.C. Narayana Kurup Avl. B.A.B.L
(Designation) Chairman, Municipal Council

To The Secretary to the Government of Madras,
Local and Municipal Department.

Sir,

With reference to your Memorandum No. 1148-1L 22-2-1916 I have the honor to report that there is only one Overseer employed in this Municipality. His pay is Rs 50 per mensem. He was appointed in March 1885 and continues still.

I have the honor to be
Sir
Your most obedient Servant
Secretary
For Chairman.

C.F.—29.

LOCAL AND MUNICIPAL **DEPARTMENT.**

Cn.-16017 21

Received 191 . Registered 28.2. 1916

REGISTRAR 28 FEB. 1916 LOCAL & MUNICIPAL SECRETARIAT

Subject.

ENCLOSURES
No. Nil
Spare copies Nil

cur No. 152/9 916

Station Cuddalore, Dated the 25th February 1916.

The Hon'ble Rao Bahadur,

From (Name) A. Subrayalu Reddi Garu, B.A., B.L.,

(Designation) Chairman, Municipal Council.

To The Secretary to the Government of Madras,

LOCAL AND MUNICIPAL Department.

Fort St. George.

Sir,

With reference to memorandum No. 1148-1 L. dated the 22nd February 1916, I have the honor to state that in 1905 there was one P. W. Overseer on salary of Rs. 50/- and in 1915 one Supervisor on Rs. 80-4-120 (annual) appointed, in the place of the Overseer. Vide G.O. No. 1578 M. dated 14-8-13.

I have the honor to be,
Sir,
Your most obedient servant,

A. Subrayalu

Chairman.

P.T.R.

DESPATCHED 26 FEB. 1916

Cn. 16397
29.2.16
22

From

M.R.Ry. G. Bhaskararao
~~M. Narasimham~~ Pantulu Garu,
Chairman, Municipal Council,
ANAKAPALLY.

To

The Secretary to Government,
Local and Municipal Deptt.,
Madras

Dis. No. 55 of 1916

ENCLOSURES. nil

Dated 26th
Despatch 27th } February 1916
Received

REGISTRAR
29 FEB. 1916
LOCAL & MUNICIPAL SECRETARIAT

SUBJECT.

Submitting report called for in Government Memorandum No. 1148-1 Le., dated 22nd February 1916 regarding the number of engineering Officers employed in this Municipality (in 1905 & 1915) of Anakapally.

C.F.—29.

DEPARTMENT.

Cw. 164077 23

Received 191 . Registered 29. 2. 1916.

REGISTRAR 29 FEB. 1916 LOCAL & MUNICIPAL SECRETARIAT

Subject.

Reporting that there was only one Sub overseer with draftsman test of the College of Engineering Madras employed in this Municipality in 1905 & 1915

Enclosures
No. Nil
Spare copies

Dis. No. 87/16.

Station Srirangam, Dated the 25th February 1916.

DESPATCHED 28 FEB. 1916

From (Name) M.R.Ry., K.S.Krishnama Achariar Avergal, B.A.B.L.,
(Designation) Chairman, Municipal Council, Srirangam.

To The Secretary to the Government of Madras,
LOCAL AND MUNICIPAL Department.
MADRAS.

Sir,

With reference to Government Memorandum No.1148-1 L dated 22nd February 1916, I have the honour to report that there was only one Sub-overseer with draftsman test of the Civil Engineering College Madras, employed in this Municipality in 1905 and 1915.

I have the honour to be,
Sir,
Your most obedient servent,

[signature]

V.R.R./26-2-1916. CHAIRMAN.

[signature] 26/2/16

C.F.—29.

DEPARTMENT.

Cn. 16417 24

Received 191 . Registered 29.2.1916

REGISTRAR
29 FEB. 1916
LOCAL & MUNICIPAL SECRETARIAT

Subject

Stating that there was one overseer in 1905 and one in 1915.

ENCLOSURES
No. nil
Spare copies nil.

C.R. No. 18/16.

Station Chidambaram, Dated the 28th February 1916.

From (Name) M.R.Ry. Diwan Bahadur S.Rm. M. Ramaswami Chettiar avergul.
(Designation) Chairman. Municipal Council.

To The Secretary to the Government of Madras,
Local and Municipal Department.

Sir,

With reference to Government memorandum No. 1148-12. dated 22.2.16. I have the honor to state that there was one overseer in 1905 and one in 1915.

I have the honor to be,
Sir,
your most obedient servant,

S.M. Ramaswami Chetty
Chairman.

G.B.—29.

DEPARTMENT.

Ca. 16537

Received REGISTRAR 1 MAR 1916 LOCAL & MUNICIPAL SECRETARIAT 191

Registered 1. 3. 1916

Subject.

Employment of engineering officers.

Submitting report called for in Government memorandum No. 1148-1L. dated 22-2-1916.

ENCLOSURES
No. nil.
Spare copies nil

R.o.c. No. 465.
MIS: 16.

Station Cannanore, Dated the 26th February 1916.

From (Name) Khan Bahadur O. Mammikunhi Hajee Sahib Bahadur,

(Designation) Chairman, Municipal Council Cannanore.

To The Secretary to the Government of Madras,

Local and Municipal Department.

Sir,

With reference to Government memorandum No. 1148-1L. dated the 22nd Instant, I have the honor to report as follows:—

(1). In 1905 — One Overseer. Salary Rs 20-1-25.

(2) In 1915 — One Overseer. Salary Rs 40-2-60.

I have the honor to be,

Sir,

Your most obedient servant.

[signature]

Chairman.

From

The Chairman,
Municipal Council
Cannanore

To

The Secretary to the Government of Madras Local and Municipal Department,
Madras.

R.o.c. No. 465
Mis: 16

Dated. 26-2-16.
Despatched. 28-2-16.
Enclosures nil

Subject.
Employment of Engineering officers.

Submitting report called for in Government memorandum No. 1148L-1. dated 22-2-16.

26

G.F.—29.

DEPARTMENT.

Cr. 16547

Received 1 MAR. 1916 191

REGISTRAR LOCAL & MUNICIPAL SECRETARIAT

Registered 1. 3. 1916.

Subject.

Furnishing particulars called for in Govt. memorandum No. 1148-1-L dated 22-1-1916

ENCLOSURES
No. nil
Spare copies

Roc No. 47 of 16
E.C.R.

Station Palni, Dated the 27. 2 1916

From (Name) Mr Ry. A. Sethurama Mudaliar Avergal
(Designation) Chairman

To The Secretary to the Government of Madras,
Local and Municipal Department.

Sir,

Adverting to Government Memorandum No 1148-1-L dated 22-1-16 I have the honor to state that an unpassed man with some experience was working as a overseer in 1915 and now another hand who is technically qualified is looking after that work.

I have the honor to be
Sir,
Your most obedient Servant

[signature]
Chairman
28/2.

28.2.16

C.F.—29

DEPARTMENT

Cn. 16557

Received REGISTRAR 1 MAR. 1916 191 LOCAL & MUNICIPAL SECRETARIAT. Registered 1. 3. 1916

Subject

Submitting report called for in Government Memorandum No. 1148-1. L., dated 22nd February 1916 regarding the employment of Engineering staff in the Calicut Municipality.

ENCLOSURES
No.
Spare copies

Dis No. 150/16

Station Calicut, Dated the 28th February 1916

From (Name) M. R. Ry., C. V. Narayana Menon Avl., B. A., B. L.,

(Designation) Chairman, Municipal Council, Calicut.

To The Secretary to the Government of Madras,

Local and Municipal Department.

Sir,

With reference to Government Memorandum No. 1148-1.L., dated 22nd February 1916, I have the honour to report that one Sub Overseer was employed in this Municipality in 1905 and one Engineer (Upper Sub-ordinate grade) in 1915.

I have the honour to be,

Sir,

Your most obedient servant,

for Chairman.

D.

G.B.—29.

28

LOCAL AND MUNICIPAL **DEPARTMENT.**

Co. 05067

Received REGISTRAR 1 MAR. 1916 LOCAL & MUNICIPAL SECRETARIAT 191 .

Registered 1 . 3 . 191 6

Subject.

Establishment.

Reporting the number of engineering officers employed by the Ootacamund Municipality in 1905 and 1915.

ENCLOSURES
No. Nil.
Spare copies

No. 3345

Station Ootacamund., Dated the 28th February 191 6

From (Name) E. F. H A N D C O C K, Esq.,

(Designation) Chairman, Municipal Council.

To The Secretary to the Government of Madras,

Local and Municipal Department.

Fort St. George, M A D R A S.

Sir,

I have the honour to furnish the information called for in Memorandum No. 1148-1 L., dated the 22nd instant:

Engineering officers employed in

1905.	1915.
Two Overseers.	One supervisor.
	One Overseer.

I have the honour to be,

Sir,

Your most obedient servant,

E.F.D.—80-i—19,902—13-6-13.

LOCAL AND MUNICIPAL DEPARTMENT.

CURRENT No. 16957 29

Received 3 MAR 1916 191 , Registered J. J. 191 6

REGISTRY LOCAL & MUNICIPAL SECRETARIAT

Subject.

Reporting that a municipal overseer of the grade for majority is employed in the Walajapet Municipality

ENCLOSURES
No.
Spare copies

D. No. 1946

Station Walajanagar, Dated the 29th February 191 6

From (Name) ARR, V. Vijia Raghava Mudaliar avergl
(Designation) Chairman, Municipal Council
Walajapet.

To the Secretary to the Government of Madras,
Local and Municipal Department.

Sir,

Adverting to your memorandum — No 1148-12 dated 22-2-16 Calling for the number of Engineering officers employed during 1905 and 1915, I have the honour to inform you that no — Engineering officers of the grade mentioned in the Government memorandum were employed in this municipality during the period. Successive

municipal

Municipal Overseers employed during the period were only of the grade of a maistry.

I have the honour to be
Sir
Your most obedient servant
A. Sundara Rajam
Chairman 1-3-16.

D/o 1/3

29/2 29/2

C.F.—29.

DEPARTMENT,
CN. 169607

Received ..... 191 . Registered 3.3. 1916.

REGISTRAR
3 - MAR. 1916
LOCAL & MUNICIPAL SECRETARIAT

Subject.

Reporting the number of Engineering Officers in this Municipality

ENCLOSURES
No.
Spare copies

D No. 721/16.

Station Cochin, Dated the 29th February 1916.

From (Name) M.R. Ry., Rao Sahib A.L. Shirgavker Avl.
(Designation) Chairman, Municipal Council,

To The Secretary to the Government of Madras,
Local and Municipal Department.

Sir,

With reference to Memorandum from Government No. 1148-1L dated 22nd Instant, I have the honor to state that in 1905 the Council had in its employ an unpassed overseer. In 1915 he was replaced by an overseer, who has undergone the Sub overseer's test of Civil Engineering.

I have the honor to be,
Sir,
Your Most obedient Servant
A. Shirgavker
Chairman.

O-Ms

31

C.F.—20.

Local and Municipal **DEPARTMENT.**

Cv 16977

Received REGISTRAR 3 MAR 1916 LOCAL & MUNICIPAL SECRETARIAT. 191 *Registered* 3. 3. 191 6

Subject.

Reporting the number of Engineering Officers employed in this Municipality in 1905 and 1915.

ENCLOSURES.
No.
Spare copies

R.O.C. No. 225 of 1916

Station Kodaikanal, *Dated the* 28th February 191 6.

From (Name) C. Michie-Smith Esq C. I. E.

(Designation) Chairman Delegate, Municipal Council,

To The Secretary to the Government of Madras,
Local and Municipal Department.

Sir,

With reference to your Memorandum No 1148-1 L, dated 28th February 1916, I have the honor to state that the only Engineering Officer employed by us in 1915 was the Public Works overseer (not a qualified man).

In the year 1905, the Municipality had

had no Engineering officer of the Classes specified and the Public Works and Sanitation were in charge of a Sanitary Inspector.

I have the honor to be,
Sir,
your most obedient Servant,

C. Michie Smith

Chairman Delegate

28.2.16

C.F.—29.

LOCAL AND MUNICIPAL **DEPARTMENT.**

Cn. 6587 33

REGISTRAR 3 MAR 1916 LOCAL & MUNICIPAL SECRETARIAT

Received ..... 191 *Registered* 3.3. 1916

Subject.

Submitting reply to Government Memorandum No.1148-1 L dated 22---2---16.

ENCLOSURES.
No.
Spare copies

G.O. No. 27/16.

Station T u t i c o r i n , *Dated the* 29th F e b r u a r y 1916.

From (Name) M.R.Ry.N.S.Narayanaswami Ayyar Avl.,B.A.,B.L.,

(Designation) Chairman, Municipal Council,

TUTICORIN.

To The Secretary to the Government of Madras,

Local and Municipal Department.

MADRAS.

Sir,

With reference to Government Memorandum No.1148-1 L dated 22-2-16, I have the honour to state that one Overseer with Sub Overseer's qualifications was employed by this Municipality from 1905 till 31st May 1914 when a Supervisor with Upper Subordinate Test was entertained as per G.O.No.949 M. Mis. dated 13-5-14 and is still continued to be employed.

I have the honour to be,

S i r,

DESPATCHED MAR 1 1916

Your most obedient servant,

N.S.Narayanaswami
29.2.16

C h a i r m a n.

P.A.S./-

C.F.—29

DEPARTMENT.

Cn. 16997 34

Received REGISTRAR 3 MAR. 1916 LOCAL & MUNICIPAL SECRETARIAT 191 . Registered 3-3 1916.

Subject.

Reporting that a qualified Subovenseer was employed in the year 1915 and that no passed engineering officer of any of the grades referred to was in service in this municipality in the year 1905

ENCLOSURES
No. nil
Spare copies nil

Rdn No. 49 of 16

Station Mayavaram, Dated the 25th February 1916.

From (Name) M.R.Ry., D.Vaidyanatha Dikshitar Avergal, B.A., B.L.,

(Designation) Vice-Chairman, Municipal Council.

To The Secretary to the Government of Madras,

Local and Municipal Department.

Sir,

With reference to Government Memorandum No.1148-1L dated 22-2-1916, I have the honour to report that a qualified Sub-overseer was employed in this Municipality in the year 1915 and that no passed engineering officer of any of the grades mentioned in the Memorandum was in service here in the year 1905.

I have the honour to be,

Sir,

Your most obedient servant,

D Vaidyanatha Dikshit

Vice-Chairman.

DESPATCHED 1 MAR 1916

G.B.—20.

DEPARTMENT.

Cn. 17017 35

REGISTRAR 2 - MAR. 1916 LOCAL & MUNICIPAL SECRETARIAT

Received ..... 191 . *Registered* 3.3. 1916

Subject.

Reporting as to the total number of Engineering -- Officers employed by the Kurnool Municipality in 1905 and 1915.

ENCLOSURES

No.

Spare copies

R.C. No. 33-G. of 16

Station Kurnool , *Dated the* 28th February 1916

M.R.Ry.

From (*Name*) Rao Bahadur S. Vemkata Narasimha Rao Garu, B.A.,

(*Designation*) Chairman, Municipal Council,

Kurnool.

To The Secretary to the Government of Madras,

Local and Municipal Department.

MADRAS.

Sir,

In reply to Government Memorandum No.1148-1 L., --- dated 22nd February 1916, I have the honour to inform you that till the end of 1914 there were in the employ of -- this Municipality only unpassed men as Overseers on a -- salary of Rs.25-1-30, biennial. It is only since 1915 - passed Sub Overseers are being employed in this Municipality on a salary of Rs.50-2-70 annual.

2. The sanctioned scale for this Municipality is only - one Overseer.

I have the honour to be,

S i r,

Your Most Obedient Servant,

[signature]

Chairman. 29/2/16

C.S.R/29-2.

36

G.B.—29.

DEPARTMENT.

CN.-1702 17

Received ..... 191 . Registered 3. 3. 1916.

2 MAR. 1916
LOCAL & MUNICIPAL SECRETARIAT

Subject.

ENCLOSURES
No.
Spare copies

No.

Station Cuddapah, Dated the 29th February 1916

From (Name) M R Ry Pallem Venkatappa Garu
(Designation) Chairman, Municipal Council Cuddapah.

To The Secretary to the Government of Madras,
Local and Municipal Department.
Fort Saint George
Madras.

Sir,

With reference to memorandum no. 1148-1 L dated 22-2-16, I have the honour to inform you that there is only one Sub-Overseer for both water and public works on Rs 40-2-50.

I have the honour to be,
Sir,
Your Most obedient servant,

[signature]

G.E.—29.

DEPARTMENT.

CN. 17037

Received ..... 191 . Registered 3. 3. 1916. 37

REGISTRAR
2 - MAR. 1916
LOCAL & MUNICIPAL SECRETARIAT

Subject.

Enclosures
No.
Spare copies

Roc No. 125/16

Station Virudupatty, Dated the 26th February 1916.

From (Name) Alexander Steel Esquire,

(Designation) Vice-Chairman, Municipal Council,
Virudupatty.

To The Secretary to the Government of Madras,
Local and Municipal Department.

Sir,

With reference to Memo No.1148.I.L. dated 22-2-1916, I have the honour to inform you that no Engineering officer is employed in this Municipality which is only 6 months old. An Overseer will be entertained from 1st April 1916.

I have the honour to be,
Sir,
Your most obedient servant,

Vice-Chairman. 22/2/16

T.M.Ek.

G.F.—20.

DEPARTMENT.

CN. 17047 38

Received ..... 191 . Registered 3. 3. 1916.

Subject.

REGISTRAR
2 - MAR. 1916
LOCAL & MUNICIPAL SECRETARIAT

ENCLOSURES.
No. .....
.....
Spare copies .....

No. 876/Genl.

Station Chingleput, Dated the 29th February 1916.

From (Name) M.R.Ry. V. Vijiaraghava Chariar Avl B.A.,
(Designation) Chairman-~~delegate~~, municipal Council!

To The Secretary to the Government of Madras,
Local and municipal Department.

Sir,

In reply to your memorandum No 1148-1/L 5/22-2-1916, I have the honor to report, that since the beginning of 1915 an overseer on Rs 30-1-40 has been in charge of the Public works branch of this municipality.

I have the honor to be,
Sir,
Your most obedient servant,

V. Vijiaraghava Chariar
Chairman-delegate.

DESPATCHED
1 - MAR. 1916

C.F.—29.

DEPARTMENT.

Cn 17057 39

Received ..... 191 . *Registered* 3-3 . 1916

REGISTRAR
2 - MAR. 1916
LOCAL & MUNICIPAL SECRETARIAT

Subject.

Submitting the information called for in Government Memorandum No. 1148-1 L., dated 22nd February 1916.

ENCLOSURES.
No. .....
Spare copies .....

C No. 10

Station Palghat, *Dated the* 28th February 1916.

From (Name) M.R.Ry. R. Sekhara Menon Avl., B.A.,

(Designation) Chairman, Municipal Council.

To The Secretary to the Government of Madras,
LOCAL AND MUNICIPAL Department.

Sir,

With reference to Memorandum No. 1148-1 L dated the 22nd instant I have the honour to submit the particulars therein called for seriatim

1905. One Sub Overseer.

1915. One Supervisor.

I have the honour to be,

Sir,

Your most obedient servant,

[signature]

Chairman.

[signature] 28/2

Sel
28.4.

R.F.D.—80-i.

LOCAL AND MUNICIPAL DEPARTMENT.

CURRENT No. 17064

40

Received ..... 191 , *Registered* 3.3. 1916.

REGISTRAR 2 MAR 1916 LOCAL & MUNICIPAL SECRETARIAT



Subject.

Informing that only one Overseer was employed in this Municipality in the years 1905 and 1915.

ENCLOSURES.
No.
Spare copies

Dis No. 97/Em 1916

Station Ellore, *Dated the* 26th February 1916.

From (Name) M.R.Ry. The Hon'ble Rao Bahadur M.Ramachandra Rao Pantulu Garu, B.A.B.L.,

(Designation) Chairman, Municipal Council, Ellore.

To the Secretary to the Government of Madras,
Local and Municipal Department.

MADRAS.

Sir,

With reference to Government Memorandum No. 1148-1L dated 22-2-16, I have the honor to inform you that only one Overseer was employed in this Municipality during the years 1905 and 1915.

I have the honor to be,

Sir,

Your most obedient servant.

M Ramachandra Rao

26.2.16 Chairman.

G.F.—29.

DEPARTMENT.

Cr 1077 41

Received ..... 191 . *Registered* 3. 3. 1916.

Subject.

REGISTRAR 2-3-1916 LOCAL & MUNICIPAL SECRETARIAT

Submitting reply to Government Memorandum No.1148-1 L., dated 22nd February 1916.

ENCLOSURES.
No. .....
.....
Spare copies .....

C. R — No. 695 15-16

Station Mangalore, *Dated the* 28th February 1916

From (Name) M.R.Ry. Dewan Bahadur M.M.Bangera Avergal, B.A. B.L.

(Designation) Chairman, Municipal Council, Mangalore.

To The Secretary to the Government of Madras,

Local and Municipal Department.

Fort St. George, Madras

Sir,

With reference to Government Memorandum No.1148-1 L, dated the 22nd instant, I have the honour to report that one overseer was in the employ of this Municipality in 1905 and one supervisor in 1915.

I have the honour to be,

Sir,

Your most obedient servant,

Chairman, M. C.

Local and Municipal DEPARTMENT. G.B.—29.

Cn. 170807 42

REGISTRAR 2 MAR 1916 LOCAL & MUNICIPAL SECRETARIAT

Received ..... 191 . Registered 3 · 3 · 1916

Subject.

Engineering subordinates:—

Reporting the number of employed in the Periyakulam municipality in 1905 and 1915

ENCLOSURES
No.
Spare copies

D Dis No. 168 of 1915–16

Station Periyakulam, Dated the 28th February 1916

From (Name) M.R.Ry. M. Muthu Krishna Ayyar Avergal. B.A.

(Designation) Vice-Chairman, Municipal Council, Periyakulam

To The Secretary to the Government of Madras,

Local and Municipal Department.

Sir,

In reply to Government Memorandum No 1148-Id., dated 22nd. February 1916, I have the honour to append below a statement showing the number of engineering subordinates employed in this Municipality in 1905 and 1915.

Grade	1905	1915	Remarks.
Engineer . . .	..	..	
Assistant Engineer	..	..	
Overseer . . .	1	1	Uncertificated, but of long service.
Sub Overseer	..	..	
Maistri . . .	..	1	
Total	1	2	

I have the honour to be, sir,
Your most obedient Servant,
M. Muthukrishna

C.F.—29.

LOCAL AND MUNICIPAL **DEPARTMENT.**

Cn. 170907 43

REGISTRAR 2 MAR 1916 LOCAL & MUNICIPAL SECRETARIAT

Received ..... 191 . *Registered* 3 . 3 . 1916.

Subject.

Reporting that one overseer and a Supervisor are in employment of municipal service in this municipality in 1905 and 1915 respectively

ENCLOSURES
No. .....
Spare copies .....

Re No. 22 of 16 / Sup

Station BEZWADA, *Dated the* 1st. MARCH, 1916.

Despd 1. 3. 1916.

From (Name) M.R.Ry., D. V. HANUMANTHA ROW PANTULU GARU,

(Designation) CHAIRMAN, MUNICIPAL COUNCIL.

To The Secretary to the Government of Madras,

Local Municipal -- Department.

Sir,

With reference to Government Memorandum No.1148-I L., dated 22nd. Feb., 1916, I have the honour to inform you that the following Engineering Officers are in employment of Muncl. Service in this Municipality.

In 1905. Overseer.
In 1915. Supervisor & Overseer.

I have the honour to be,

SIR,

Your most obedient servant,

D V Hanumantha Rao
1/3

CHAIRMAN, M.C.,

J.V.R./1-3.

1.3.16 1.3.16 1/3/16

R.F.D.—80-4—19,902—13-6-13.

LOCAL AND MUNICIPAL DEPARTMENT.

CURRENT No. 17427 44

Received REGISTRAR 4 - MAR. 1916 LOCAL & MUNICIPAL SECRETARY 191 , Registered 4.3. 196

Subject.

Submitting reply to Government Memorandum No.1148-1 L., dated 22-2-1916.

ENCLOSURES
No.
Spare copies

Rec G.C No. 5/E /1916.

Station Madura, Dated the 29th February 1916 191

M. R. Ry.

From (Name) V.Srinivasachariar Avl., B.A.,

(Designation) Chairman, Municipal Council, Madura

To the Secretary to the Government of Madras,
Local and Municipal Department.

Sir,

Adverting to Government Memorandum No.1148-1 L., dated 22-2-16, I have the honor to submit herewith a statement giving full particulars of the Engineering officers employed in this Municipality in 1905 and 1915.

Designation of the Officer.	In 1905 No.	In 1905 Pay.	In 1915 No.	In 1915 Pay.	Remarks.
Engineer		...	1	Rs200-10-250 plus Rs20 carriage allowance.	
Assistant Engineer		...		...	
Overseer	1	Rs60 plus Rs15 carriage allowance.		...	
Sub-Overseer		...	2	Rs50-2-70 (P.W.Overseers) plus Rs5 cycle allowance.	
Water works overseer.	1	Rs50-4-70	1	Rs50-2-70 plus Rs5 cycle allowance	

I have the honor to be,
Sir,
Your most obedient servant,

V Srinivasar
Chairman.

[illegible] 9/2/16.

C.F.—29.

DEPARTMENT.

Cn. 17437 45

Received REGISTRAR 4 MAR 1916 LOCAL & MUNICIPAL SECRETARIAT 191 . Registered 4. 3. 1916.

Subject.

ENCLOSURES
No.
Spare copies

No. 77 Hofl6

Station , Dated the 2. 3- 1916

From (Name) M.R.Ry G.Ayyaswami Ayyar Avergal.

(Designation) Chairman Municipal Council,

Mannargudi.

To The Secretary to the Government of Madras,

Department.

Sir,

Adverting to Memo No.1148-1L of 16 dated 22-2-16 I have the honor to furnish in the margin the information required.

1905x------No engineering officer duly qualified

1915------One sub-Overseer.

I have the honor to be,

Sir,

Your most obedient servant,

G. Ayyaswami Ayyar

Chairman.

Regr. Lodged 4.3.16

Call clerk to note and remind C.M.r on 20-3-16

2316

DESPATCHED 3 MAR 1916

Copy to the Collector of Tanjore

C.F.—29.

Local and Municipal **DEPARTMENT.**

RECEIVED
8 - MAR. 1916
LOCAL & MUNICIPAL SECRETARIAT

Cn. 1767 & 46

Received ..... 191 . *Registered* 6-3-1916.

Subject.

Reporting the total No.of Engineering Officers employed by the Vizianagram Municipal Council in 1905 & 1915 called for in Memorandum No.1148-I.L. dated 22-2-1916.

ENCLOSURES
No.
Spare copies

Dis No. 82 of 16

Station Vizianagram. , *Dated the* 1st March 1916.

From (Name) M.R.Ry.M.Suryanarayana Pantulu Garu B.A

(Designation) Chairman, Municipal Council,

To The Secretary to the Government of Madras,

Local and Municipal Department.

Sir,

With reference to Government Memorandum No.1148-I.L dated 22-2-1916, I have the honour to furnish the required information hereunder:-

	1905.	1915.
Engineers.	Nil	Nil
Assistant Engineers...	Nil	Nil
Sub Overseer (Sanctioned in G.O.No.215 M.Mis.dated 14-2-03)	1	1 till 15-1-15 (Sanctioned in G.O.No.2060 M./18-12-08.
Surveyor to act for Sub Overseer.		1 (Sanctioned in G.O.No.1667 M.Mis/21-10-15

I have the honour to be,
Sir,
Your most obedient servant,

Chairman M.C 4-3-16

VVR

R.F.D. 80-i—19,902—18-6-18

LOCAL AND MUNICIPAL DEPARTMENT

CURRENT No. 17680 47

Received 6 MAR 1918 191 , Registered 6.3. 1916.

REGISTRAR LOCAL & MUNICIPAL SECRETARIAT

Subject

ENCLOSURES
No. nil
Spare copies

C No. 101 of 16

Station Bimlipatam, Dated the 3rd March 1916.

From (Name) M.R.Ry. C. Sunjeevarao Naidu garu.
(Designation) Chairman Municipal Council.

To the Secretary to the Government of Madras,
Local and Municipal Department.

Sir,

Adverting to memorandum No 1148-1 L., dated 22.2.16 I have the honour to request that no Engineering establishment was maintained by this Municipality in 1905 and that an Engineering officer of Upper Subordinate grade on Rs. 200/- per mensem was employed in October 1915 to Supervise the Special works of Sanitary nature undertaken with aid from Provincial Funds.

I have the honour to be,
Sir,
Your most obedient Servant,

[signature]
Chairman M.C.

8

G.J.—29.

Local and Municipal **DEPARTMENT.**

Ca. 1769 & 48

REGISTRAR
6 - MAR. 1916
LOCAL & MUNICIPAL SECRETARIAT

Received 191 . **Registered** 63 1916

Subject.

Reporting the total numbs of Engineering officers of the different grades employed by the Karur Municipality in 1905 and 1915 with reference to G. Ot. memo no 1148-1. L dated 22.2.16.

ENCLOSURES
No.
Spare copies

R. O. C. No. 147/G.C of 1916.

Station Karur, **Dated the** 1st March 1916.

From (Name) G W Priestley Esquire I.C.S.

(Designation) Chairman, Municipal Council Karur

To The Secretary to the Government of Madras,
Local and Municipal Department.

Sir,

With reference to Govt. Memo. no 1148-1. L. dated 22nd February 1916,

I have the honor to state that the Karur Municipality employed in 1905 one Overseer his salary being Rs 20. per mensem. From 1915 the Overseer same as the orignal number, is employed on Rs 50-2-70. The present Overseer

Overseer has passed the Surveyor's test College of Engineering, Madras.

I have the honor to be,

Sir,

Your most obedient servant,

[signature]

For Chairman.

[signature] 3/3.

C.F.—29.

DEPARTMENT.

Co. 177 of 49

Received ..... 1916 191 . Registered 6-3-16 .

REGISTRAR LOCAL & MUNICIPAL SECRETARIAT

Subject.

Stating that one Overseer was employed by this Municipality in 1905 as well as in 1915

ENCLOSURES
No.
Spare copies

No. 180 General of 16.

Station Tiruppattur, Dated the 1st March 1916. 191

From (Name) M. R. Ry., T.M. Lakshmana Ayyar Avl.,

(Designation) Chairman Municipal Council, Tiruppattur.

To The Secretary to the Government of Madras,

Local and Municipal Department.

Madras.

Sir,

Adverting to Government Memorandum No.1148-1L dated 22nd February 1916, I have the honour to state that one Overseer was employed by this Municipality in 1905 as well as 1915.

I have the honour to be,

Sir,

Your most obedient servant,

[signature]

Chairman.

[signature] 3.3.16

DEPARTMENT.

Cr. 177/17
6.3.16

COLLECTOR 3-MAR 1916 CUDDAPAH

REGISTRAR 5-MAR 1916 LOCAL & MUNICIPAL SECRETARIAT

Received ..... 191 . Registered ..... 191 .

50

Subject.

REVENUE DIVISIONAL OFFICE 1-MAR 1916 JAMMALAMADUGU

Reporting the number of officers employed in the Engineering department.

DESPATCHED MAR 1 1916

ENCLOSURES
No. nil
Spare copies

Dis No. 180 of 16

Station Proddatur. , Dated the 29th. February 16. 191

From (Name) M.R.Ry.S.Raghavendra Rao Garu, B.A.,
(Designation) Chairman, Municipal Council,
Proddatur.

To The Secretary to the Government of Madras,
Local and Municipal Department.
Madras.

Sir, Through the Collector of Cuddapah.
&
the Revenue Divisional Officer,
Jammalamadugu.

Submitted
Chairman
2/3/16 Divl Officer

Sir,

With reference to official Memo No. 1148-1 L, dated 22nd. February 16, I have the honour to report that a Sub Overseer was employed in December 1915.

I have the honour to be,

Sir,

Your most obedient servant,

C.Ramanujam
1.3.16
For Chairman.

S&S.R. 29/2/16.

Exd.by.

Rev
2 3 316
M.C

N Dis

Forwarded

51

le Musée
Calcutta
4.3.16

Ms
Hc
3/3

Ms
3-816

LOCAL AND MUNICIPAL **DEPARTMENT.**

Cn. 18017

REGISTRAR
7 - MAR. 1916
LOCAL & MUNICIPAL SECRETARIAT

Received ..... 191 . *Registered* 7 - 3 - 1916

52

Subject.

Forwarding a statement showing the number of Engineering Officers employed by the Municipal Council of Bellary in 1905 and 1915.

ENCLOSURES.
No. 1
Spare copies

Dis No. 271
6-3-16

Station Bellary, *Dated the* 29th February 1916

From (Name) M.R.Ry. Row Bahadur M.Gopalaswamy Mudaliar Avl, B.A., B.L.,
(Designation) Chairman, Municipal Council, Bellary.

To The Secretary to the Government of Madras,
LOCAL AND MUNICIPAL Department.

Sir,

With reference to Government Memorandum No. 1148-1 L, dated 22nd February 1916, I have the honour to forward herewith a statement showing the number of engineering officers employed by the Municipal Council of Bellary in 1905 and 1915.

I have the honour to be,
Sir,
Your most obedient servant,

M Gopalaswamy M

Chairman.

K.S.P. 1/3/16.

1-3-16

53

Statement showing the number of Engineering Officers employed by the Municipal Council of Bellary in 1905 and 1915.

Designation.	Number.	Pay.	Year.	Remarks.
Engineer	"	"	"	"
Assistant Engineer	"	"	"	"
Overseer	1	50-0-0	1915	"
Special Overseer	1	100-0-0	1915.	In connection with removal of congestion in the town.
Sub Overseer	1	41-0-0	1905	"

Municipal Councillors' Office,
Bellary dated 29th February 16.

K.S.P. 1/3

CHAIRMAN. M.C.

54

C.F.—29.

DEPARTMENT.

Cn. 1823 M

Received × 191 . Registered 8.3 1916.

REGISTRAR 8 - MAR. 1916 LOCAL & MUNICIPAL SECRETARIAT

Subject.

Submitting particulars required by the Government in their Memorandum No. 1148-1 L dated 22d February 1916.

ENCLOSURES.
No.
Spare copies

Dis No. 107 of 1916

Station Gudiyattam, Dated the 29 February 1916
Despted on 7.3.1916

From (Name) A. Mag. C. Tampoe Esquire I.C.S.,

(Designation) Ex-officio Chairman, Municipal Council

To The Secretary to the Government of Madras,

Local and Municipal Department.

Fort St George

Sir,

1905 to 31.3.1907. Public works Maistry on Rs 15.0.0

1.4.1907 to 31.3.1909 Public works & water-works Overseer on Rs 20.1.25.

1.4.09 to 17.7.1915 — do — on Rs 30.2.40

18.7.1915 — do — on Rs 35.3.50

Now drawing Rs 35/-

With reference to Ag Under Secretary's Memorandum No. 1148-1 L dated 22nd February 1916, I have the honor to append in the margin the particulars required by the Government

I have the honor to

55

C.F.—29.

Local & Municipal ---DEPARTMENT.

Cr. 18247

Received ..... 191 . Registered 8 3 . 1916

REGISTRAR
8 - MAR. 1916
LOCAL & MUNICIPAL SECRETARIAT

Subject

Submitting report called for in Govt.Memo.No.1148-1-L., dated 22-2-16 in regard to the employment of Municipal Overseers in 1905-& 1915.

ENCLOSURES
No.
Spare copies

D.Dis. ~~R.D.C.~~ No. 231/Dme 2816.

Station Dindigul., Dated the 7" March 1916. 191

From (Name) M.R.Ry.,K.Kuppuswamy Ayyar Avl,B.A.,B.L.,

(Designation) Chairman, Municipal Council,Dindigul.

To The Secretary to the Government of Madras,

Local and Municipal Department.

Sir,

With reference to Govt.Memo.No.1148-1-L.,dated 22-2-16, I have the honour to state that an unqualified Sub-Overseer on Rs.20 per mensem was employed by this council in 1905 & that 2 Overseers possessing the qualifications of a Sub-Overseer one in succession of another were employed in 1915 on a scale of Rs.50-2-70(annual) sanctioned in G.O.No.1483 M.Mis.,dated 4-3-14.

I have the honour to be,

Sir,

Your most obedient servant.

[signature]

Chairman.

D.M.S./7-3.,

R.F.D. 80-i—19,602—12-6-15

LOCAL AND MUNICIPAL DEPARTMENT

CURRENT No. 1893 7 56

Received ..... 191 , Registered 10-3-1916.

REGISTRAR 10 MAR. 1916 LOCAL & MUNICIPAL SECRETARIAT

Subject

Reporting the number of Engineering Officers employed in the Vizagapatam Municipality in 1905 and 1915.

ENCLOSURES
No.
Spare copies

RC No. 569 of 16.

Station Vizagapatam., Dated the 7th MARCH, 1916.

From (Name) M.R.Ry., B. Venkatapati Raju Garu, B.A.B.L

(Designation) Chairman, Municipal Council.

UNDER
To the Secretary to the Government of Madras,
Local and Municipal Department.

Sir,

With reference to Government Memorandum No.1148-1 L DATED 22nd February 1916, I have the honor to note below the information therein called for.-

In 1905.- 1 Overseer on Rs. 35-2-45 biennial
1 Superintendent, Water Works, 60-4-80 biennial

In 1915.- 1 Supervisor on Rs. 80-4-120 annual
1 Superintendent, Water Works, 60-4-80 biennial

I have the honor to be,
Sir,
Your most obedient servant,

V Venkatapati Raju
for Chairman, M. C.

N.B.S

57

C.F.—29.

DEPARTMENT.

Cov 1917 7

Received ..... 191 *Registered* 16-3- 1916

REGISTERED 10 MAR. 1916 LOCAL & MUNICIPAL SECRETARIAT

Subject

Engineering establishment.

Furnishing details of the----- as it stood in 1905 and 1915.

ENCLOSURES
No.
Spare copies

No. 330/D

Station Salem., *Dated the* 6th March 16. 191

From (Name) M.R.Ry. Rao Bahadur T.Subramania Aiyar AVI., B.A.B.L.,

(Designation) Chairman Municipal Council, Salem.

To The Secretary to the Government of Madras,

Local & Municipal -- Department.

Sir,

With reference to Government Memorandum No.1148-1 L., dated 22nd February 1916, I have the honour to submit herewith the information therein called for:---

1905.	1915
One Overseer on Rs 30-2-40.	One Engineer on Rupees. 150-5-200 and one Sub-Overseer on Rupees. 40-1-50 plus 5 Rupees cycle allowance ~~and~~ to supervise water works.

x d
6/3

DESPATCHED

G.2.K.

I have the honour to be,

R.F.D.—80 i—18,902—13-6-13.

LOCAL AND MUNICIPAL DEPARTMENT.

CURRENT No. 191817 58

Received REGISTRAR 10 MAR. 1916 LOCAL & MUNICIPAL SECRETARIAT 191 . Registered 11. 3. 1916

Subject.

Number of Engineering Officers:-

Submitting for information the number of Engineering Officers employed by this Municipality in 1905 and 1915.

ENCLOSURES.
No.
Spare copies

R.C No. 153/B.M./16.

Station Berhampore, Dated the 28th February 1916.

From (Name) M.R.Ry P.Venkateswarlu Pantulu Garu

(Designation) Chairman, Municipal Council,
Berhampore.

To the Secretary to the Government of Madras,
Local and Municipal Department.

Sir,

With reference to Government Memorandum NO. 1148-1 L dated 22nd February 1916, I have the honour to mention below the number of Engineering Officers employed by this Municipality in 1905 and 1915.

1905	1915
1 overseer	2 overseers.

I have the honour to be,
Sir,
Your most obedient servant,

P. Venkateswarlu

~~Vice~~ Chairman
~~for Chairman~~

G.B.—29.

DEPARTMENT.

Cn. 1919 M 59

REGISTRAR
11 MAR. 1916
LOCAL & MUNICIPAL SECRETARIAT

Received 11 MAR. 1916 191 . Registered 11. 3. 1916.

Subject.

Reporting the number of Engineering Officers &c., employed in 1905 and in 1915.

Enclosures
No.
Spare copies

D. Dis No. 206/C.M 8/1916

Station COCANADA, Dated the 8th March 1916

From (Name) M.R.Ry. Rao Bahadur K. Suryanarayanamurty Naidu Garu,

(Designation) Chairman, Municipal Council, COCANADA.

To The Secretary to the Government of Madras,

Local and Municipal Department.

MADRAS.

Sir,

With reference to Government Memorandum No.1148-1 L. dated 22-2-1916 requesting to report the total number of - Engineering Officers of the different grades employed in - 1905 and in 1915, I have the honour to state as hereunder :-

Year.	Number of Engineering Officers.	Grade.
1905	2	1 Water Works Overseer on Rs.40/- per mensem.
		1 Public Works Overseer on -- Rs.25--1--35 per mensem.
1915	[illegible]	1 Engineering Officer on --- Rs.150--5--200 per mensem.
		1 Water Works Overseer on -- Rs.40/- per mensem.
		1 Temporary Public Works Overseer on Rs.35/- per mensem.

1 Peta Works Temporary Overseer
on Rs.30/- per mensem.

I have the honour to be,

Sir,

Your most obedient servant,

K. Suryanarayana Murthy

CHAIRMAN.

P.V.R.

C.F.—29

60

DEPARTMENT.

CN. 1920 11

Received 191 . Registered 11-3 1916

REGISTRAR 11 MAR 1916 LOCAL & MUNICIPAL

Subject.

Reporting Scale of pay to overseer in 1905 and 1915.

ENCLOSURES
No.
Spare copies

Refer No. 45 Eng Cen of 16

Station Sirewannamalai Dated the 3rd March 1916.
despd 3 16

From (Name) Mr Rhy P. Madhwachariar Avergn

(Designation) Chairman Municipal Council Sirewannamalai

To The Secretary to the Government of Madras,
Local and Municipal Department.

Sir,

With reference to Government Memorandum No 1148-1L dated 22-2-16, I have the honor to report that in 1905 there was a Sub overseer on a grade of Rs 20-1-25 and at present there is an overseer

overseer on a grade of
Rs 50-2-70.

I have the honor to be
Sir
Your most obedient Servant
Chairman
7-3-16

7-3-16 7-3-16

C.F.—29.

DEPARTMENT.

Cn 19217

61

Received 11 MAR. 1916 191 , Registered 11. 3. 1916.

REGISTRAR LOCAL & MUNICIPAL SECRETARIAT

Subject

Submitting that there was only one overseer in this municipality in 1915 and none in 1905.

ENCLOSURES
No.
Spare copies

Dso No. 103/D of 16

Station Conjeeveram , Dated the 7th March 1916

From (Name) D.N. Strathie Esquire, I.C.S.,

(Designation) Sub-Collector and Ex-Officio Chairman, Municipal Council.

To The Secretary to the Government of Madras,

Local and Municipal Department.

Sir,

With reference to Government Memorandum -- No.1148-1 L dated 22nd February 1916, I have the honour to state that there was only ~~an~~ one Overseer in 1915 and - that there was none in 1905.

I have the honour to be,

Sir,

Your most obedient Servant,

D N Strathie 9.3.16

Ex-Officio Chairman.

C.D.K.

62

C.F.—29.

DEPARTMENT.

Cr. 19547

REGISTRAR 12 MAR. 1916 LOCAL & MUNICIPAL SECRETARIAT

Received ..... 191 . *Registered* 13. 3 1916.

Subject.

Reporting that there is only one Overseer in the employ of this Municipality on a salary of Rs 25 to Rs 35 per mensem which has been lately proposed to be raised to Rs 35 to 45 from April 1916 & that he has put in a service of 18 years & 8 months in this Municipality.

ENCLOSURES.
No. Nil
Spare copies Nil

Dialis No. 29/1916.

Station Palamcottah. , *Dated the* 6----3----1916. 191

From (Name) M.R.Ry, Rao Bahadur, S.Kumaraswami Rediiar Avl, BA.BL.,

(Designation) Chairman, Municipal Council, Palamcottah.

To The Secretary to the Government of Madras,

Local and Municipal Department.

Sir,

With reference to Government Memorandum No.1148-1-L dated 22nd February 1916, I have the honour to report that there is only one Overseer in the employ of this Municipality on a salary of Rs.25 to 35 per mensem which has been lately proposed to be raised to Rs.35 to 45 from 1st April next. He has put in a service of 18 years and 8 months, the date of his first appointment in this Municipality being 15-6-1897.

I have the honour to be
Sir,
Your most obedient servant

S. Kumaraswami

Chairman.

[illegible] 8.3.16

63

R.F.D.—80-i.

LOCAL AND MUNICIPAL DEPARTMENT.

CURRENT No. 19557

Received 12 MAR. 1916 191, Registered 13-3- 1916.

REGISTRY LOCAL & MUNICIPAL SECRETARIAT

Subject.

Submitting the information called for in Memorandum No.1148-1/L., dated 22nd February 1916 regarding the Engineering officers employed by the Tinnevelly Municipal Council.

Enclosures.
No. Nil
Spare copies One

Roc No. 8/S.C/16.

Station Tinnevelly, , *Dated the* 3rd March 1916. ~~191~~.

5-MAR-1916 COLLECTOR AND DISTRICT MAGISTRATE TINNEVELLY

From (Name) M.R.Ry. T.S. Vaikuntam Pillai Avl., B.A.,

(Designation) Chairman, Municipal Council, Tinnevelly.

To the Secretary to the Government of Madras, Local and Municipal Department.

Through

The Collector of

Tinnevelly.

Sir,

Adverting to Government Memorandum No. 1148-1/L., dated 22nd February 1916, I have the honour to furnish hereunder the information called for regarding the Engineering Officers employed by this Council.

1905. One Overseer (of the Sub-Overseer Grade.)

Pay Rs 35--1--Rs 40 with a conveyance allowance

of Rs 15/- per mensem.

1915. One Supervisor (Engineer Subordinate.)

Pay Rs 80--4--Rs 120 with a conveyance

allowance of Rs 20/- per mensem.

I have the honour to be,

Sir,

Your most obedient servant.

[signature]

A.S.R. 1/3. Chairman.

Dealt w. m. 4/3/16

Csh 3/3/16

3/3/16

D.Dis. 301 /Eng. of 16.

F o r w a r d e d.

[signature] 10.3.16

For Collector.

Tinnevelly Collector's Office,
Dated 7th March 1916.

T.P.N.9/3.

9.3.16.

R.F.D.—80-i—19,902—13-6-13.

LOCAL AND MUNICIPAL DEPARTMENT.

REGISTRAR 12 MAR. 1916 LOCAL & MUNICIPAL SECRETARIAT

CURRENT No. 19561 65

Received 191 , Registered 13. 3. 1916.

Subject.

Submitting information regarding the Public works Department in Municipalities.

ENCLOSURES
No.
Spare copies

Dis No. 90/1916

Station Parlakimedi , Dated the 1st March 1916. 1916

From (Name) M.R.Ry.P.Seetaramaswamy Pantulu Garu

(Designation) Chairman, Municipal council.

To the Secretary to the Government of Madras,
Local and Municipal Department.

Sir,

With reference to Memorandum No 1148-1 L dated 22-2-1 I have the honour to report that prior to 17-4-06 there was only a Maistry employed in this Municipality . In April 1906 the Maistry was replaced by a Sub Overseer whose grade has been raised to that of an Overseer in 15.

I have the honour to be,

Sir,

Your most obedient servant,

[signature]

Chairman.

B V N /

4/3

Lures
Cr 1176 9/6
Sl 2/6
2

C.F.—29.

DEPARTMENT.

Cr. 1971 7 66

Received ..... 191 . Registered 14 . 3 . 1916.

REGISTRAR 14 MAR 1916 LOCAL & MUNICIPAL SECRETARIAT

COLLECTOR'S OFFICE 2 MAR 1916 NORTH ARCOT

Subject.

Submitting report regarding the employment of engineering officers in the Vaniyambadi municipality.

ENCLOSURES
No.
Spare copies

D. No. 55 / Eng 9/6

Station Vaniyambadi. , Dated the 27th February 1916

From (Name) Bangi Sabju Sahib Bahadur,

(Designation) Chairman, Municipal Council,

Vaniyambadi.

To The Secretary to the Government of Madras,

Local and Municipal Department.

M A D R A S.

~~Sir,~~

Through

The Collector of North Arcot,

V E L L O R E.

Sir,

In reply to Government Memorandum No. 1148-1-L dated the 22nd instant in regard to the total number of engineering officers employed in this municipality, I have the honour to state that only one overseer is in service.

I have the honour to be,

Sir,

Your most obedient servant,

Bangi Sahibgoo
Chairman. 28.2.16

Lo 2 7/6.

67

D. Dis. No. 955 of 1916.

F o r w a r d e d.

North Arcot
Collector's Office,
Vellore, the 7th March 16.

for Collector. 11326

To

The Secretary to the Government of Madras,

Local and Municipal Department.

DESPATCHED.
12 MAR 1916

P.G.M.
10-3-16.

G.P.—29.

DEPARTMENT.

Cw 1996-01 68

Received ..... 191 . Registered 15 . 3 . 1916

REGISTRAR 15 MAR. 1916 LOCAL & MUNICIPAL SECRETARIAT

Subject.

Reporting that there was a Sub Overseer on Rs35-1-45(annual) in 1915.

GC 501
S.C.

REVENUE DIVISIONAL OFFICER - 2 MAR 1916 - HOSPET

ENCLOSURES
No.
Space copies

R. Dis. No. 29/16.

Station HOSPET., Dated the 28th February 1916. 191

From (Name) ~~D.G.Bles Esquire I.C.S.~~

(Designation) Chairman Municipal Council Hospet.

To The Secretary to the Government of Madras,

Local and Municipal Department.

Sir, Through The Revenue Divisional Officer Hospet.
&
The Collector of Bellary.

With reference to Memorandum No.1148-1 L/22-2-16, I have the honour to state that this Municipality was constituted only in April 1913 and that there was one Sub Overseer employed during the year 1915 on Rs35-1-45(annual).

I have the honour to be

Sir

Your Most obedient servant

[signature]

For Chairman.

B.L.R/28-2-16.

28/2/16
28/2/16

N. dis G.C 501/16

Submitted to the Collector of Bellary.

[signature] 8/3.

Sub-Collector

6.3.16.

COLLECTOR'S OFFICE 11 MAR 1916 BELLARY

7/3 G.C 1068

Pcc

N. Dis: C 1068

Forwarded.

2/ The replies from the other Chairmen & the President Dt. Board Bellary are awaited & they will be submitted as soon as they are received in this office.

[signature] 13/3

Collector

13.3.16

13/3/16

To The Secretary to Govt.
Local & Municipal Department
Madras

D Rev 14/3

Misc
cno 833 of 16
Gl

C.F.—29.

LOCAL AND MUNICIPAL **DEPARTMENT.**

Ca. 1997 M

69

Received ..... 191 Registered 15.3. 1916.

REGISTRAR 15 MAR. 1916 LOCAL & MUNICIPAL SECRETARIAT

Subject

Reporting that no engineering officer was appointed in this Municipality in the years 1905 and 1915.

COLLECTOR 15 MAR 1916

ENCLOSURES
No.
Spare copies

D. Dis No. 120 of 16
G.M

Station Guntur, Dated the 29th February 1916.

From (Name) M.R.Ry., N. Hanumantha Rau Pantulu Garu,

(Designation) Chairman, Municipal Council, Guntur.

DESPATCHED. 4-MAR 1916

To The Secretary to the Government of Madras,

Local and Municipal Department.

(Through)
Sir, The Collector,
Guntur District,
Guntur.

In obedience to Government Memorandum No.1148-1 L., dated 22nd February 1916, I have the honour to report that no engineering officer was appointed in this Municipality in the years 1905 and 1915.

I have the honour to be,
Sir,
Your most obedient servant,

[signature] 3.3.16

Chairman.

Exd. 2/5/16

N. Dis 833 of 16.
Forwarded
[signature] 11/3
Collector

13/3

[signature] 7.3.16.

Misc
Cus 832 of 16
21

C.F.—29.

DEPARTMENT.

CN 1998M 70

REGISTRAR
15 MAR. 1916
LOCAL & MUNICIPAL SECRETARIAT

Received 15 MAR. 1916 191 . *Registered* 15 - 3 - 1916

Subject

Submitting report with reference to Memorandum ----- No.1148-1 L., dated 22nd February 1916 stating that a Sub-Overseer will be appointed from 1st April 1916 for the Narasarowpet Municipality.

ENCLOSURES
No.
Spare copies

Dis No. 77 of 1916
N.M. Despd 3.3.16

Station Narasarowpet , *Dated the* 29th February ---- 1916

From (Name) M.R.Ry., v. Parabrahma Sastri Garu

(Designation) Chairman, Municipal Council,
Narasarowpet.

To The Secretary to the Government of Madras,
Local and Municipal Department.
Madras.
Through the Revenue Divisional Officer
Narasarowpet
and the Collector, Guntur.

Sir,

With reference to your No.1148-1 L., dated 22-2-16, I have the honour to report that this municipality was --- constituted from 1st April 1915 and that no one is appointed as Sub-Overseer. As the necessary sanction is conveyed --- in G.O.No 1524 M mis dated 22-9-15 I will appoint one from 1st ---- April 1916.

I have the honour to be,
Sir,
Your most obedient servant,

R. Kid Munnel 3.3.16
For Chairman.

Nos 668 Pb
Forwarded
V. Parabrahma Sastri
Dy Collector
Rec 4.3.16
Through
The Collector,
Guntur.

K.D.S.

2-3-16

P. I. O.

N Dis 832/gl of 16

forwarded

[illegible] 11/3

Collector

BR 7.3.16

[illegible] 13/3

REVENUE DIVISIONAL OFFICE 4 - MAR 1916 NARASARAOPET

Mpl

C 810

C.F.—29.

DEPARTMENT.

Cr 1999 M

Received ..... 191 . Registered 15-3- 1916.

COLLECTOR'S "CAMP" OFFICE 8 MAR 1916

REGISTRAR 15 MAR. 1916 LOCAL & MUNICIPAL SECRETARIAT

REVENUE DIVISIONAL OFFICE 1- MAR 1916 PEDDAPUR

Subject.

Stating that there is one Overseer employed in this Municipality in the year 1915.

ENCLOSURES
No.
Spare copies

D. Dis No. 72 of 16

Station Peddapuram, Dated the 26th February 1916.

From (Name) M.R.Ry P. Krishna Rao Pantulagar

(Designation) Chairman Delegate Municipal Council Peddapuram

To The Secretary to the Government of Madras,

Local and Municipal Department.

through the Revenue Divisional Officer Peddapuram and the Collector Godavari Dt. Cocanada.

Sir,

With reference to Government Memorandum No 1148-1L of 22nd February 1916, I have the honour to state that there is one Overseer in this Municipality employed in 1915

I have the honour to be,

Sir,

Your most obedient Servant

P. Krishnarao

Chairman Delegate

MC

28.2.16

N Dis Sr 511/1916 3/16

Submitted

[illegible] 6 3/16

Rev. Divisional Officer

L 3-3-16.

Sc 511/008 of 16

72

No is one 810/Rev of 16

Forwarded.

Mr Conchinon.

Collector

Cl
10 3 16

Sr 10/3/16

73

R.F.D.—80-i.

LOCAL AND MUNICIPAL DEPARTMENT.

REGISTRAR 16 MAR. 1916 LOCAL & MUNICIPAL SECRETARIAT

CURRENT No. 2038-M

Received ..... 191 , *Registered* 16.3.1916.

Subject.

Submitting certain information regarding the total number of Engineering ~~Municipal overseer~~ Offices of the different grades employed under this Municipality in 1905 and 1915.

ENCLOSURES.
No. nil
Spare copies

Rc No. 157/gl of 1916

Station Masulipatam , *Dated the* 8th March 1916. ~~191~~.

From (Name) J. W. Maiden, Esquire.,

(Designation) Chairman, Municipal Council,

To the Secretary to the Government of Madras,
Local and Municipal Department,
Madras

Sir,

In obedience to Memorandum No.1148-1L., dated 22nd February 1916, I have the honour to state that only one overseer was in service of the Municipality in 1905. The same appointment continued till 1915 when it was decided to replace the Overseer by a Supervisor. From 1st January 1916 there is a Supervisor entertained in this Municipality on Rs80-4-120. The pay of the Overseer was 50-2-60.

I have the honour to be,

Sir,

Your most obedient servant,

J W Maiden

Chairman. 13/3/16

12/3/16

28is 13/16

R.F.D.—80-i.

LOCAL AND MUNICIPAL DEPARTMENT.

CURRENT No. 20394 74

Received 16 MAR 1916 191, Registered 16.3. 191 6.

REGISTRAR LOCAL & MUNICIPAL SECRETARIAT

REVENUE DIVISIONAL OFFICER 29 FEB 1916 SIVAKASI.

Subject.

Engineers.

Reporting that no _____ of any grade were employed during the years 1905 and 1915.

ENCLOSURES.
No. Nil.
Spare copies Nil

No.

Station Srivilliputtur., Dated the 26th February 1916.

From (Name) M.R.Ry.S.Krishna Iyengar Avergal, B.A.L.T.,
(Designation) Chairman, Delegate, Municipal Council,
Srivilliputtur.

To the Secretary to the Government of Madras,
Local and Municipal Department.

Through the Sub Collector, Sivakasi and the Collector of Ramnad.

Sir,

With reference to Government memorandum, I have the honour to report that no engineers of any grade were employed during the years 1905 and 1915.

I have the honour to be,
Sir,
Your most obedient servant,

Srinivasa Iyengar
Chairman Delegate.
26-2-16

V.S./26-2-16.

26/2/16

Ic 487. AC
16
Gl. reg. dist

Mis. C
Cur. Regr. No. 975
9/3-16

DISTRICT TREASURY
8 MAR 1916
RAMNAD

287
16

NDis

Submitted through the Collector of Ramnad at Madura.

[signature] 4 3 16
Durownal officer

[signature] 13/3/16

[signature] 3/3/16

NDi 975 El 7-16

Forwarded

[signature] 11.3.16
Ag Collector

CN 10-3-16 A 10-3-16

DESPATCHED
14 MAR 1916

800
Cur. Regr. (Subordinate Officer)
663 of 16
2

C.F.—29.

LOCAL & MUNICIPAL DEPARTMENT.

He Cn. 2077 17 75

Received REGISTRAR 191 17 MAR. 1916 LOCAL & MUNICIPAL SECRETARIAT

Registered 17. 3 1916

Subject.

Reporting that the overseer of this Municipality was appointed in the year 1904.

TALUK BOARD'S OFFICE 7 - MAR. 1916 ERODE.

ENCLOSURES
No. nil
Spare copies 1

R.O.C. No. 254..G.C.OF 16.

Station ERODE., Dated the 3rd March 1916

From (Name) M.R.Ry.T.Srinivasa Mudaliar Avl, B.A.,B.L.,
(Designation) Chairman, Municipal Council, Erode.

To The Secretary to the Government of Madras,
LOCAL & MUNICIPAL Department.

~~Sir,~~ THROUGH THE REVENUE DIVISIONAL OFFICER, ERODE.

SIR,

In reply to Government Memorandum No.1148-1 L. dated 22-2-16, I have the honour to state that there is only one Overseer in this Municipality appointed in September 1904. He possesses a certificate from the College of Engineering to the effect that he attended a full course of evening lectures on Elementary Mathematics (Arithmetic, Geometry, Mensuration) and Elementary Engineering (building

76

materials and construction and plan drawing) during the year 1895. He has had some practice in elementary ----- surveying.

I have the honour to be,

Sir,

Your most obedient servant,

Chairman.

6.3.16

4.3.16

DESPATCHED
6 - MAR 1916

77 Ltrs

Gem. Cur. Regr. No. 965 of 16
Rev

N-Dis 663/Sub of 1916.

Submitted to the Collector of Coimbatore

COLLECTOR'S OFFICE
9 - MAR 1916
COIMBATORE.

Rev Divisional Office
Erode 7th March 1916

[illegible]
Rev Divisional Officer

N Dis C No. 802 (a) 965 Rev. of 1916

Forwarded.

[illegible]
14/3/16
for Collector

Kok
14.3.16.

DESPATCHED
16 MAR 1916

with a special overseer for schemes on Rs 50/- per [illegible]

R.F.D.—80-i.

LOCAL AND MUNICIPAL DEPARTMENT.

CURRENT No. 20787 78

REGISTRAR 17 MAR. 1916 LOCAL & MUNICIPAL SECRETARIAT

Received ..... 191 ..... Registered 17-3-1916

Subject.

Reporting of the number of Engineering officers employed in the Municipality in 1905 and 1915.

COLLECTOR'S DEPUTY COLLECTOR'S OFFICE 10 MAR 1916

ENCLOSURES.
No. .....
Spare copies .....

No. 278/m of 16.

Station Coimbatore, Dated the 7th March 1916.

From (Name) M.R.Ry. M.Sambandam Mudaliar Avl., B.A.B.L.,

(Designation) Chairman, Municipal Council, Coimbatore.

To the Secretary to the Government of Madras,
Local and Municipal Department.

through the Collector and the Revenue Divisional Officer,
Coimbatore.

Sir,

In reply to Government Memoranum No. 1148-1.L dated the 22nd February 1916, I have the honour to state that there was only one Overseer on Rs. 40-50 in 1905 and only one Supervisor on Rs. 80-120 in 1915 employed in this Municipality with a special overseer for schemes on Rs 50/- per mensem.

I have the honour to be,

Sir,

Your most obedient servant,

M Sambandam
Chairman.

DESPATCHED MAR 8 1916

D.A.
7/8/16.

Reference on No. 987 Rev 16 Ltr

N Dio Cno 433 Sub of 16

COLLECTOR'S OFFICE 11 MAR 1916 COIMBATORE

Forwarded.

G R F Ottenham
11 Rev. Dl. officer

10/3/16

11 MAR 1916

802
N Dio C No 987/Rev of 16

Forwarded.

M S Makarkar
14/3/16

for Collector

DESPATCHED 16 MAR 1916

14-4-16

79

C.F.—29.

DEPARTMENT.

Cn. 20797

Received 191 Registered 17-3- 1916

REGISTRAR 17 MAR 1916 LOCAL & MUNICIPAL SECRETARIAT

Subject.

Reporting that no engineering officer of any grade has been employed in this Municipality

ENCLOSURES
No. nil
Spare copies one

No. 34 of 1916

Station Dharapuram, Dated the 9th March 1916.

From (Name) M.R.Ry P. N. Muhammad Miran Sahib Bahadur, B.A.,
(Designation) Chairman, Municipal Council, Dharapuram

To The Secretary to the Government of Madras,
Local and Municipal Department.

Sir, Thro' the Revenue Divisional Officer, Erode and the Collector of Coimbatore.

Sir,

With reference to Government memorandum no. 1148 – 1 L, dated 22nd February 1916, I have the honour to state that no engineering officer of any grade has been employed by this Municipality, it having come into existence only from 1st February 1916.

I have the honour to be,
Sir,
Your most obedient Servant,
[signature]
Chairman.

GR

80

Genl. Cur. Regr. No. 974 of 16
Rev Ltr

N. Dis 686 R. Sec. 6 [illegible]

Submitted to the Collector of Coimbatore.

COLLECTOR'S OFFICE
10 MAR 1916
COIMBATORE.

Rev Dul office
Erode 9 March 1916

Rev Dul officer

D Dis C No 802 (6) / Rev. of 16.

Forwarded.

[illegible]
14/3/16

for Collector

[illegible]
14/3/16

DESPATCHED
16 MAR 1916

81

C.F.—29

DEPARTMENT.

CN. 20801

Received 4 - MAR 1916 191 . Registered 17. 3. 1916

TREASURY DEPUTY COLLECTOR'S OFFICE CHITTOOR 14 MAR 1916

REGISTRAR LOCAL & MUNICIPAL SECRETARIAT 17 MAR 1916

Subject.

Submitting that no Engineering officer of any grade was entertained in this Municipality in 1905 and 1915.

ENCLOSURES
No. Nil
Spare copies

Dis No. 88 of 16.

Station Tirupati, Dated the 1st March 1916.

From (Name) H. G. Gharpurey Esq. M.A. I.C.S.

(Designation) Ex officio Chairman, Municipal Council, Tirupati

To The Secretary to the Government of Madras,

Local and Municipal Department.

Madras

Sir, Through The Divisional officer and the Collector of Chittoor

413 of 1916
of 6.3.16

With reference to Government Memorandum No 1148.1.L dated 22nd Feb 16

I have the honour to state that no Engineering officer of any Grade was entertained

Chairman Delegate.

in this Municipality in 1905 and 1915.

I have the honour to be,

Sir,

Your most obedient servant

[signature]

Chairman delegate

for Ex Officio Chairman

DESPATCHED

3 MAR 1916

[signature] 1-3-16.

N. Dis

Submitted to the Collector of Chittoor

[signature] 12/3/16

Sub Collector

[signature] 6-3-16

no 949 D6 [signature] 7-3-16

Forwarded.

[signature] 16-3-16

Collector.

[signature] 15-3-16

[signature] 15-3-16

16 MAR 1916

CN. 20997 / 18-3-16

C.F.—29.

DEPARTMENT.

82

REVENUE DIVISIONAL OFFICER 9-MAR 1916 KUMBAKONAM

COLLECTOR AND DISTRICT MAGISTRATE 13 MAR 1916 TANJORE

Received REGISTRAR 13 MAR 1916 LOCAL & MUNICIPAL SECRETARIAT 191 . Registered 191 .

Subject.

Furnishing information re- the number of Engineering Officers of different grades employed in Kumbakonam Municipality in 1905 and 1915.

ENCLOSURES.

No.

Spare copies

Rc. No. 48 / E.C.F. of 16.

Station Kumbakonam, Dated the 4th March 1916. ~~191~~

M.R.Ry.

From (Name) A. Subramania Ayyar Avl., B.A.,

(Designation) Chairman-delegate,

Municipal Council, Kumbakonam

297/16 / ml

To The Secretary to the Government of Madras,

LOCAL AND MUNICIPAL Department.

MADRAS.

~~Sir,~~

Thro The Revenue Divisional Officer, Kumbakonam and the Collector of Tanjore.

Rc 297 ml/16

Forwarded

[signature] 15/3/16

Sir,

In reply to Government memorandum No.1148 I.L. dated 22nd ~~xxxxxxx~~ February 1916 calling for information re the list of Engineering officers of different grades employed by the Municipality in 1905 & 1915, I have the honour to furnish the information here-below:-

	Designation.	Pay.	
1905 ..	Overseer.	Rs.45 -2- 55 + 15	(Carriage allowance).
1915 ..	Engineer.	Rs.150-5-200	5 (Cycle allowance)
	Clerk-draftsmen	Rs.20-1-25	5 (Do.

I have the honour to be,

Sir,

Your most obedient servant,

[signature]

Chairman Delegate.

Despatched.

8-MAR 1916

[signature] 16/3/16

Entd on CR 44 ml / 16

Submitted

(Sd) J R Krishnamma
11 3 16
Divisional Officer

To The Collector of Tanjore

C.F.—29.

LOCAL AND MUNICIPAL - **DEPARTMENT.**

Cr. ~~3000~~ 2100 M

83

REGISTRAR 18 MAR. 1916 LOCAL & MUNICIPAL SECRETARIAT

Received ..... 191 . *Registered* 18.3. 1916.

COLLECTOR'S OFFICE 4 MAR 1916 NORTH ARCOT

Subject.

Reporting the number of engineering officers employed in the Municipality in 1905 and 1915.

REVENUE DIVISIONAL OFFICER 3 - MAR 1916 DELHI

ENCLOSURES.
No.
Spare copies

D Dis No. 105/16.

Station Vellore, *Dated the* 29th February 1916

From (Name) KHAN BAHADUR MD. HABIBULLAH SAHIB BAHADUR,

(Designation) Chairman, Municipal Council, Vellore.

To The Secretary to the Government of Madras,

LOCAL & MUNICIPAL Department.

thro' the Revenue Divisional Officer, Vellore.

Submitted
P Krishnamurthy
R DO Vellore
3/3/16

Sir,

With reference to Government memorandum No.1148-1 L, dated 22nd instant, I have the honour to report that a Sub-Overseer was employed by the Council during 1905 to look after Public works. In 1915, however, besides a Supervisor who is an Upper Subordinate of the College of Engineering and is in charge of water works and Public works, a Sub-Overseer was also temporarily employed for a period of five months to attend to certain sanitary schemes.

I have the honour to be,
Sir,
Your most obedient servant,

V.C.V.

CHA

Rec 1.3.16

Dis. No. 1002/D of 1916.

F o r w a r d e d.

North Arcot)
Collector's Office, (
Vellore, the 10th March 16.)

for Collector.

To

The Secretary to the Government of Madras,

Local and Municipal Department.

DESPATCH
17 MAR 1916

P.G.M.
13-3-16.

85

C.F.—29.

DEPARTMENT.

CN 2133 M

Received ..... 191 . Registered 20-3 1916.

REGISTRAR 20 MAR. 1916 LOCAL & MUNICIPAL SECRETARIAT

Subject.

Reporting the total number of engineering officers in the Chicacole Municipality.

ENCLOSURES.
No. Nil
Spare copies

Re No. 191/1916

Station CHICACOLE, Dated the 16th March 1916. 191

From (Name) M.R.Ry. B.Sankarasastry Garu. B.A. & B.L.

(Designation) Chairman, Municipal Council, Chicacole

To The Secretary to the Government of Madras,
Local and Municipal Department.
MADRAS.

Sir,

With reference to Government Memorandum No. 1148-1-L dated 22nd February 1916, I have the honour to report that only one Overseer is employed in this - Municipality.

I have the honour to be,
sir,
your most obedient servant,

B Sankarasastry

CHAIRMAN

R.F.D.—80-i—19,902—13-6-13.

LOCAL AND MUNICIPAL DEPARTMENT.

CURRENT No. 2167 M

Received 16 MAR 1916 191 , Registered 21. 3. 1916.

COLLECTOR AND DISTRICT MAGISTRATE TANJORE.

REGISTRAR 21 MAR. 1916 LOCAL & MUNICIPAL SECRETARIAT

Subject.

ENCLOSURES
No.
Spare copies

No. 7 G.R 9 16

Station Tanjore. , Dated the 15th March 1916.

From (Name) Syed Gulam Ghouse Madhani Sahib Bahadur,

(Designation) Vice chairman, Municipal Council,

To the Secretary to the Government of Madras,
Local and Municipal Department.

Madras.

297 ml of 1916.

Sir,

With reference to Memorandum No. 1148-1-L dated 22-2-16, I have the honour to furnish the information called for therein:---

Rc 297 ml/16

Forwarded

1905. One Public Works Overseer. Rs 40.
Carriage allowance to Do. Rs 15.

One Water Works Overseer. Rs 40-60.
Allowance. Rs 15.

1915. One Municipal Engineer. Rs 150-200.

One water works overseer. Rs 40-60.
Allowance. Rs 5.

I have the honour to be,
Sir,
Your most obedient servant,

Gulam Ghouse Madhani
15-3-16.

K.K./15-3-16.

Vice chairman.

809 87 C.F.—29.

DEPARTMENT.

Cn. 2362 M

REGISTRAR 28 MAR 1916 LOCAL & MUNICIPAL SECRETARIAT

Received 191 . *Registered* 28 3 . 1916

Subject.

DEPUTY COLLECTOR'S OFFICE R. No. 9L 387 12 MAR 1916 ADONI

Submitting a statement of Engineering officers employed in this Municipality in the year 1905 and 1915.

ENCLOSURES.
No.
Spare copies

Dis No. 290 / 9.3.16

Station Adoni , *Dated the* 8th March 1916

From (Name) M. R. RY. Y. Govinda Rao Garu

(Designation) Chairman, Municipal Council, Adoni.

To The Secretary to the Government of Madras,

Local and Municipal Department.

Madras.

Sir,

Thro' The Revenue Divisional Officer Adoni.

& The Collector of Bellary.

With reference to Government memo No.1148 I L dated 22nd ultimo, I have the honor to enclose herewith a statement of Engineering Officers employed in by the Municipality in the year 1905 and 1915.

I have the honor to be,

Sir,

Your most obedient servant

Chairman. A. M. C.

S.T.G./8-3

G.C. 387/16.

Submitted

[illegible]
Divisional Officer
12/3/16

G.C. 1251/Pace

COLLECTOR
24 MAR 1918
BELLARY.

NDS: C 1251 ~~1286~~/16

Forwarded to the Secretary to Government Local & Municipal Department Madras.

[illegible]
26/3
Collector

[illegible] 25/3/16

[illegible] 27/3

84

Ex 11

Statement of Engineering Officers as it stood in 1905 and 1915 in the Adoni Municipality.

88

Designation.	Strength of establishment as it sttood		Remarks.
	1905	1915.	
Overseer	One Rs.60	One Rs. 60	There has been neither increase not decrease in the permanent Est. A temporary establishment consisting of an Engineer and his survey staff sanctioned 2226 M D/ 12-11-1 for one year, is working from June 1915.

[illegible] 8/3/16
Chairman. A. M. C.

S.T.G./8-3

Misc
Ccw 888 of 16
Sl

C.F.—29.

DEPARTMENT.

Cw 2443 07

89

REGISTRAR
31 MAR. 1916
LOCAL & MUNICIPAL SECRETARIAT

Received 191 . Registered 31. 3. 1916

Subject.

Furnishing information with reference to Government memorandum No. 1148 -1L dated 22-2-16.

DEPUTY COLLECTOR
TENALI DIVISION

ENCLOSURES.
No. nil
Spare copies

Dis No. 71/Dm of 16

Station TENALI, Dated the 27th February 191

From (Name) M.R.Ry Rao Saheb C.Bhaktavatsaludu, Nayudu Garu

(Designation) Chairman, Municipal Council, Tenali.

To The Secretary to the Government of Madras,

Local and Municipal Department.

MADRAS.

Sir,

Through,

The Deputy Collector Tenali.

Ccw 554/mis of 16

And

The Collector,

GUNTUR.

DESPATCHED.
7 MAR 1916

Sir,

Ndis 554/mis of 16

With reference to Government memorandum No 1148-1 L dated 22-2-16, I have the honour to state that the town Tenali was constituted into a Municipality on 1st November 1909. Since then only one Overseer on Rs 35/- per mensem was entertained.

Submitted
Misc
Dy Collr
4-3-16

P.T.O

To The Collector, Guntur

I have the honour to be,

Sir,

Your most obedient servant,

N.N.28/2/16

Chairman.

29-2-16 29.2.16

N Dis 888/gl of 16.

Forwarded

Collector

14-3-16.

29/3

C.F.—29

DEPARTMENT.

Cn 257 017 90

Received REGISTRAR 7 APR. 1916 LOCAL & MUNICIPAL SECRETARIAT 191 Registered 7 4 1916

Subject

Reporting that none of the Engineering officers of the grades specified in Memorandum No. 1148-1 L. dated 22. 2. 1916 was employed by this Council in 1905 and 1915.

ENCLOSURES
No. One only
Spare copies nil

C. No. 187 of 1916.

Station Nandyal, Dated the 21st March 1916

From (Name) M. R. Ry. D. Subba Rao Garu. B. A.,

(Designation) Chairman, Municipal Council Nandyal

To The Secretary to the Government of Madras,

Through The Collector of Kurnool. Madras L & Municipal Department.

Sir,

With reference to Memorandum No. 1148-1L dated 22nd ~~Current~~ February 16, I have the honour to report that none of the Engineering officers of the grades specified therein was employed by this Council in 1905 and 1915.

2/- With reference to G. O. No. 693 M., dated 3.4.14, the Council created the place of an overseer on Rs. 50-2-70 with the sanction of Government and the same has been from 10.1.1915, temporarily filled up by a Candidate who has passed certain Technical Examinations, a copy of which is herewith appended.

I have the honour to
Sir,
Your most obedient

23.3. 23/3/16.

T.P.N.

cno 1037/16
p
(Gene: 1)

Recd. 28.3.16.



COLLECTOR
27 MAR 1916

N. Dis 1037 /16.
Gene

Forwarded

Mensaniyadam
4.4.16

For Collector

4/4

4.4.16

90 84

91

LIST OF EXAMINATIONS PASSED.

Matriculation and Hand-writing Test.
Translation Test (Lower), Telugu.
Account Test (Lower).
Hygiene, Intermediate Grade.
Physiology, Intermediate Grade.

Minor Sanitary Engineering, Intermediate Grade.
Building Materials and Construction, Intermediate Grade.
Building Drawing and Estimating, Intermediate Grade.
Hydraulics and Irrigation Works, Intermediate Grade.
Earthwork and Road Making, Intermediate Grade.
Mensuration, Elementary Grade.

V. K. Subbarao
Local Fund Inspector
Peddapur
18/4/16

92

Local and municipal DEPARTMENT.

REVENUE DIVISIONAL OFFICE
1 APR 1916
NEGAPATAM.

Received 191 . Registered 191
REGISTERED 10 APR. 1916 LOCAL
COLLECTOR AND DISTRICT MAGISTRATE 4 - APR 1916 TANJORE

Subject.

Submitting list of engineering subordinates in the Council's employ in 1905 and 1915.

Through the Revenue Divisional officer, Negapatam, and the Collector of Tanjore.

Enclosures
No. Nil
Spare copies Nil

R Dis. No. 48/TUR/16

Station Tiruvalur, Dated the 18th March 1916

From (Name) J. C. Stodart Esq., I.C.S.,

(Designation) Chairman, municipal Council.

To The Secretary to the Government of Madras,

Local and municipal Department.

Sir,

With reference to Government memorandum No. 1148-1L., dated 22nd February 1916, I have the honour to state that the Council commenced its actual work only from 1st April 1914; and in 1915 there was in the employ of the Council only one engineering subordinate of the rank of a sub-overseer.

I have the honour to be,

Sir,

Your most obedient Servant,

J. C. Stodart
28.3

Chairman

N Dis 871/GR/16.
Forwarded
[signature] 2.4

Re 297/Mdr/1916.
Forwarded
[signature] 6/4/16

DESPATCHED 30 MAR 1916

22.3. 23.3.

C.F.—29

DEPARTMENT.

Co 27207 93

REGISTRAR
14 APR. 1916
LOCAL & MUNICIPAL SECRETARIAT

Received ..... 191 . Registered 14-4- 1916.

Subject.

Submitting for the information of Government that an Overseer alone was employed in 1905 and 1915.

ENCLOSURES
No.
Spare copies

Ge No. 481/16

Station Trichinopoly, Dated the 7th April 191 6

From (Name) B. Muhiuddin Khan Lodi Sahib Bahadur,
(Designation) Ex-Officio Chairman, Municipal Council, Trichinopoly.

To The Secretary to the Government of Madras,
Local & Municipal Department.

Sir,

With reference to Memorandum No.1148-1 L. dated 22nd February 1916, I have the honour to report for the information of Government that an Overseer alone was employed in 1905 and 1915. The post of Engineer is vacant since August 1914.

I have the honour to be,
Sir,
Your most obedient servant,

Ex-Officio Chairman.

993
10.4.16

R.F.D. 80-i—19,902—13-6-18

LOCAL AND MUNICIPAL DEPARTMENT

CURRENT No. 2815 M 94

Received 191 , Registered 26.4. 1916

REGISTRAR 28 APR. 1916 LOCAL & MUNICIPAL SECRETARIAT

Subject

Furnishing information regarding the number of engineering officers employed in the Ongole Municipality from the year 1905 to 1915.

ENCLOSURES
No.
Spare copies

R.C. No. 1700.

Station ONGOLE, Dated the 19th April 1916. 191 .

From (Name) M.R.Ry. C.V.Krishna Rao Pantulu Garu,

(Designation) Chairman, Municipal Council, Ongole.

To the Secretary to the Government of Madras,
Local and Municipal Department.

Madras.

Sir,

With reference to your Memorandum No.1148-1 L. dated 22nd February 1916, I have the honour to furnish in the margin the number of engineering officers employed in this Municipality from the year 1905 to 1915.

1905-Overseer 1. and P.W.Maistry 1.

1906 to 1910-Overseer 1.

1911 to 1912-Overseer 1. and Sub-Overseer 1.

1913- Overseer 1.

1914 to 1915-Overseer 1. and Sub-Overseer 1.

1916-Overseer 1.

I have the honour to be,

Sir,

Your most obedient Servant,

C V Krishna Rao 20.4.16

Chairman.

G.P.—29.

DEPARTMENT.

Cw 2898 M

95

Received 191 . Registered 28.4 1916

REGISTRAR 28 APR. 1916 LOCAL & MUNICIPAL SECRETARIAT

Subject.

Submitting the report of the number of Engineering officers employed by the Municipality during ~~th~~ 1905 and 1915.

COLLECTOR'S OFFICE 19 APR 1916 NELLORE.

ENCLOSURES

No.

Spare copies

No. 829 D

Station Nellore, Dated the 9th April 1916

From (Name) M.R.Ry. A.Santana Rama Aiyengar Avl., B.A., L.T.,

(Designation) Chairman, Municipal Council, Nellore

To The Secretary to the Government of Madras,

Local and Municipal Department.

Through the Head Quarter Deputy Collector, Nellore.

Sir,

Adverting to your memorandum No. 1148-1 L dated 22-2-16, I have the honour to give below the number of Engineering officers of the different grades employed by this Municipality during the years 1905 and 1915.

1905

One overseer on ~~Rs. 40-45~~ Rs. 40-1-45 with a conveyance allowance of Rs. 15 per mensum.

1915

One supervisor (Upper subordinate) on Rs. 80-4-120 with a conveyance allowance of Rs. 15 per mensem.

Nos.
Submitted
Chairman
1646

N.
Forwarded.
Mamachandrakrishna
21 Apr 1916
Collector.

one Sub-overseer on Rs. 25-2-35 with a cycle allowance of Rs. 5 per month.

Cno 54686 / 16

I have the honour to be,

Sir,

Your most obedient servant,

A Santana Rama Aiyar
13.4.16

CHAIRMAN

A.S./12-4-16

12.4.

of no 183 GB
Cos of 16

96

C.F.—29.

Local and Municipal **DEPARTMENT.**

REGISTRAR
LOCAL & MUNICIPAL SECRETARIAT
28 FEB. 1916

Received 191 . *Registered* C.No. 1294/16 28-2- 1916 .

Subject.

Submitting a statement showing the total number of Engineering Officers employed in the South Arcot District in 1905 and 1915.

ENCLOSURES
No. One
Spare copies

Ref. on G.R. No. 43/D.B. of 1916.

Station Cuddalore, N.T., *Dated the* 26th February 1916

From (Name) M. Azizuddin Sahib Bahadur, Khan Bahadur, I.S.O.,

(Designation) President, District Board, South Arcot,

To The Secretary to the Government of Madras,

Local and Municipal Department.

Sir,

With reference to Government Memorandum No. 1148-1.L. dated 22nd February 1916, I have the honour to submit, herewith, a statement giving the information called for therein.

I have the honour to be,

Sir,

Your most obedient servant,

For President, District Board.

A.K. 26-2-16. Exd. 26/2/16

DESPATCHED
27 FEB. 1916

Statement showing the total number of Engineering Officers employed in the South Arcot District in 1905 and 1915.

Year	Designation of Officers employed	Number employed	Grade	Pay of each Officer	Remarks.
1905	District Board Engineer	1	2nd grade	500-10-700.	
	Assistant Engineer	1	1st grade	250-5-300.	
	Overseers	2	2nd grade	80	
	Overseers	4	3rd grade	60	
	Sub overseers	2	1st grade	50-10-70	
1915	District Board Engineer	1	2nd grade	500-20-700	
	Assistant Engineers	2	2nd grade	200-10-250	
	Assistant Engineers	1	3rd grade	150-10-200	
	Overseers	1	1st grade	100.	
	Overseers	2	2nd grade	80	
	Overseers	5	3rd grade	60	One of these 5 is a Reserve Overseer.
	Sub overseer	1	1st grade	50-4-70	
	Sub overseer	2	2nd grade	40-2-50	One is employed in the drawing branch of the District Board Engineer's office
	Sub overseer	2	3rd grade	30-2-40	- do - - do - do -

For President, District Board

26/2/16

26/2/16

6

98

C.F.—29.

Local and Municipal **DEPARTMENT.**

Received ..... 191 . *Registered* CNo. 13912 3-3- 1916.

REGISTRAR 2 - MAR. 1916 LOCAL & MUNICIPAL SECRETARIAT

Subject.

Local Fund Engineering establishment.

Reporting names of the officers of -------- employed in 1905 and 1915.

ENCLOSURES.
No. Nil
Spare copies

Dis. No. 44/16.
D.B.

Station Ootacamund, *Dated the* 26th February 1916.

From (Name) M. Young, Esquire, I. C. S.,

(Designation) President, District Board,

The Nilgiris.

To The Secretary to the Government of Madras,

Local and Municipal Department.

Madras.

Sir,

Adverting to Memorandum No. 1148-1-L., dated 22nd February 1916, I have the honour to append below the names of the Engineering Officers of the different grades employed by this Board in 1905 and 1915.

1905.	District Board Engineer.	1.
	Overseers.	4
	Sub Overseer (Rs25 + 15).	1
1915.	District Board Engineer.	1
	Overseers.	4
	Head Maistry (Rs 25+15)	1

I have the honour to be,
Sir,
Your most obedient servant,

DESPATCHED.

C. Gannis

for President.

7 99

O.F.—29.

DEPARTMENT.

Local and Municipal

Received REGISTRAR 4 - MAR. 1916 LOCAL & MUNICIPAL SECRETARIA 191.

Registered C.No. 14034/A 3 1916.

Subject.

Forwarding a statement showing the number of engineering officers of different grades employed in this district in 1905 and 1915.

ENCLOSURES
No.
Spare copies

Ref. on C No. 38 G /L.S. '16.

Station Calicut, *Dated the* 1st March 1916

From (Name) F. B. Evans Esq., I.C.S.,

(Designation) President, District Board,

Malabar.

To The Secretary to the Government of Madras,

Local and Municipal Department.

Sir,

With reference to Government Memorandum No.1148-1 L. dated 22nd February 1916, I have the honour to forward herewith a statement showing the number of engineering officers of different grades employed in this district in 1905 and 1915.

I have the honour to be,
Sir,
Your most obedient servant,

President.

K.V.V.

8 LCD 100

Statement showing the number of engineering officers of different grades employed in the Malabar District in 1905 and 1915.

1905			1915.		
No.	Appointments.	Pay. Rs.	No.	Appointments.	Pay. Rs.
1.	District Board Engineer	600-10-900	1	District Board Engineer	700-20-1000
2.	Assistant Engineers	250--5-350	1	Assistant Engineer (1st grade)	250-10-300
1	Assistant Engineer	250--5-300	2	Assistant Engineers (2nd grade)	200-10-250
			1	Assistant Engineer (3rd grade)	150-10-200
2.	Overseers	100	2	Overseers (1st grade)	100
2	Overseers	80	1	Overseer (2nd grade)	80
2	Overseers	60	3	Overseers (3rd grade)	60
3	Sub Overseers	50	5	Sub Overseers	50
1	Sub Overseer	35	1	Temporary Well Overseer	60
1	Bridge Overseer	100	1	Temporary Sub Overseer	50

President.

C.V.V.

9 101

C.F.—29

DEPARTMENT.

REGISTRAR
7 - MAR. 1916
LOCAL & MUNICIPAL SECRETARIAT

Received ..... 191 *Registered* No. 14532/7-5 1916.

Subject.

Furnishing the total number of the Engineering officers of the different grades employed by the Tanjore District Board in 1905 and 1915.

ENCLOSURES
No.
Spare copies

D. Dis No. 445/D.B of 1916.

Station Tanjore, *Dated the* 3rd March 1916.

From (Name) R.B. W O O D Esquire, I.C.S.,

(Designation) President, District Board,

TANJORE.

To The Secretary to the Government of Madras,

Local and Municipal Department.

MADRAS.

Sir,

With reference to Government Memorandum No. 1140-1 L., dated 22nd ultimo, I have the honour to furnish below the total number of the Engineering Officers of the different grades employed by the Tanjore District Board in 1905 and 1915.

Officers employed	In 1905	In 1915.
Engineer	1	1
Assistant Engineers	,,	4
Overseers	6	11
Sub Overseers	6	8 (a)
Supervisors	3	,,

Note:--(a) This number excludes two draftsmen not graded

as Sub Overseers for want of the requisite qualifications.

I have the honour to be,

Sir,

Your most obedient servant,

for President.

A. D/4-3-16.

102

G.F.—29.

LOCAL AND MUNICIPAL DEPARTMENT.

C.No. 14872

Received 8 MAR 1916 REGISTRAR LOCAL & MUNICIPAL SECRETARIAT 191 .

Registered 8/3 1916 .

Subject. Total number of engineering officers employed in 1905 and 1915

Reporting on the

Enclosures

No.

Spare copies

Dis. No. 189-L-D. of 16.

Station SAIDAPET, Dated the 4th MARCH 1916.

From (Name) J.F. BRYANT ESQUIRE, M.A., I.C.S.,

(Designation) PRESIDENT, DISTRICT BOARD, SAIDAPET.

To The Secretary to the Government of Madras,

LOCAL AND MUNICIPAL Department.

MADRAS.

Sir,

With reference to Government Memorandum No.1148-1-L dated 22nd February 1916, in which Presidents of District Boards and Chairmen of Municipal Councils have been requested to report the total number of engineering officers of the different grades employed by them in 1905 and 1915, I have the honour to furnish the information here-under.

1905.

1 Engineer on Rs. 400-10-600 grade (annual).
1 Supervisor on 100- 5-125 grade (biennial).
3 First grade Sub-Overseers on Rs.60/- each.
3 Second grade Sub-Overseers on Rs.50/- each.

DRAWING BRANCH.

1. Draftsman on Rs.35-1-45 (annual).

1915.

1	Engineer on Rs.400-10-600	(annual)
2	Assistant Engineers each on 150-10-200	(annual)
2	Overseers on Rs.85-3-100	(biennial)
2	Overseers on Rs.70-8-80	(biennial).
1	Overseer on Rs. 60-2-70	(biennial)
2	Overseers on Rs.50-2-60	(biennial)
1	Overseer on Rs.40-2-50	(biennial)
1	Reserve Overseer on Rs.40-2-50	(biennial)

DRAWING BRANCH

1	Sub-Overseer on Rs.40-2-50	(biennial)
2	Sub-Overseers each on Rs.30-2-40	(biennial).

2. Besides the establishment mentioned above, 4 temporary Overseers-two on Rs.75/- each and two on Rs.60 each-were employed in 1915 to attend to well and other special works.

I have the honour to be,

Sir,

Your most obedient servant,

for President, District Board.

A.R.K. 6-3-16. Exd.

13

103

C.F.—29

Local and Municipal **DEPARTMENT.**

Received ..... 191 . *Registered* C.No. 1511 9-3- 1916.

Subject.

Engineering Officers.

Reporting the total number of .....employed by the District Board in 1905 & 1915.

ENCLOSURES.
No. One
Spare copies

Re No. 39 Govt/16

Station KURNOOL. , *Dated the* 4th March 1916

From (Name) H.G. Stokes Esquire C.I.E., I.C.S.,

(Designation) President District Board Kurnool.

To The Secretary to the Government of Madras,

Local and Municipal Department.

Sir,

Adverting to the Government Memorandum No.1148-1L., dated 22nd February 1916, I have the honour to submit herewith a statement showing the total number of Engineering Officers of the different grades employed by this District Board in 1905 and 1915.

I have the honour to be,

Sir,

Your most obedient servant,

S.A.S/6-3-16.

For President District Board.

14 104

Statement showing the Engineering Officers of the different grades employed by the District Board.

In 1905.		In 1915.	
	Rs.		A.
1 Engineer.	400	1 Engineer.	350-15-500
	A		A
1 Supervisor.	125-5-150.	2 Assistant Engineers.	150-10-200
1 One Overseer.	80	1 Overseer.	100
2 Overseers.	60	2 Overseers.	80
2 Sub Overseers.	35-5-45	2 Overseers.	60
	Quinquennial.		B
		4 Sub Overseers.	50-4-70
			B
1 Sub Overseer.	25-5-35.	1 Sub Overseer.	40-2-50.
	quinquennial.		B
		2 Sub Overseer4	30-2-40
		Temporary.	
		Well Overseers.	
		1 Well Overseer.	80
		4 ...do.....	60.

Kurnool District Board's office.

Dated 3rd March 1916.

For President District Board.

S.A.S/6-3-1916.

6/3/16

15

C.F.—29.

105

DEPARTMENT.

Received ..... 191 Registered No. 15232 9-3- 1916

REGISTRAR 9 - MAR. 1916 LOCAL & MUNICIPAL SECRETARIAT

Subject.

Engineering Officers.

Reporting the number of ---------- of different - grades employed by the Tinnevelly District Board, in 1905 and 1915.

ENCLOSURES.
No. (One)
Spare copies

Dos No. 154/16.

Station Tinnevelly., Dated the 4th March 1916.

From (Name) F. R. Hemingway Esquire, I.C.S.,

(Designation) President, District Board, Tinnevelly.

To The Secretary to the Government of Madras,

LOCAL and MUNICIPAL Department.

Sir,

With reference to Government memorandum No. 1148-1-L, dated 22nd February 1916, I have the honour to forward - herewith a statement showing the number of engineering -- officers of the different grades employed by this District Board in 1905 and 1915.

I have the honour to be,

Sir,

Your most obedient servant,

H E R D Sena 7/3/16

For President.

S.S/4-3-16. 7/3/16.

16

Statement showing the number of engineering officers of the different grades employed by the Tinnevelly - District Board in 1905 and 1915.

Name of the post.	Number employed in 1905	Number employed in 1915	Remarks.
1	2	3	4
Engineer	1	1	
Assistant Engineer, 1st grade	1	Nil.	
" " second "	Nil	1	
" " third "	Nil	3	
Overseer, first grade	*1	Nil	* The holder of this appointment was placed in charge of a Sub Division
" second "	1	@3	@ Includes one temporary well overseer.
" third "	2	@4	@ Do. Do.
Sub-overseer, first grade	4	*4	* Includes one draftsman, sub-overseer entertained in the Engineer's * Do in the Assistant Engineers' office
" " second "	2	*4	
" " third "	Nil	$4	$ Represents draftsmen sub-overseers entertained in the Engineers and Assistant Engineers offices.

H E R D'Lima
7/3/16
For President.

7/3/16

7-3-16.

17

107

C.F.—29.

DEPARTMENT.

Received ..... 191 . *Registered* C No. 1534 L 9-3 1916.

Subject.

Reporting the number of Engineering officers of different grades employed in 1905 and 1915.

ENCLOSURES.
No.
Spare copies

D. Dis. No. 268/D.B of 16

Station Cocanada, *Dated the* 3rd March 1916.

From (Name) M. E. Couchman Esquire B.A. I. C. S.,

(Designation) President, District Board, Godavari.

DESPATCHED
-6. MAR 1916

To The Secretary to the Government of Madras,

Local and Municipal Department.

Madras.

Sir,

With reference to Government memorandum no. 1148-1L., dated 22nd February 1916, I have the honour to note below - the number of Engineering officers of different grades - - - employed in this District in 1905 and 1915.

	1905	1915
Engineers	1	1
Assistant Engineers	2	3
Overseers	~~3~~4	5
Sub overseers	8	10
	15	19

I have etc

18

2

I have the honour to be,

sir,

your most obedient servant,

Doe Haqinkar
5 3 16

G.V. 4-3-16. For President.

E 4.3.16

19

R.F.D.
80-1.

LOCAL AND MUNICIPAL DEPARTMENT.

108

CURRENT No.

REGISTRAR
10 MAR. 1916
LOCAL & MUNICIPAL SECRETARIAT

Received ..... 191 *Registered* No. 1547 L 10-3-1916.

Subject.

Establishment.

Reporting the total No. of Engineering Officers of the different grades employed by the Ramnad District Board in the years 1911 and 1915.

ENCLOSURES.
No. Nil.
Spare copies

Dis. No. 270 of 1916.

Station Madura, *Dated the* 1st March 1916.

From (Name) A.R.Loftus-Tottenham Esquire, M.A.I.C.S.,

(Designation) President, District Board, Ramnad, Madura.

To the Secretary to the Government of Madras,
Local and Municipal Department.

Sir,

In reply to Government Memorandum No.1140-1 L. dated the 22nd February 1916, I have the honour to state - that this District Board was formed in April 1911. I note below, the total No. of engineering officers employed by this District Board in the years 1911 and 1915.

	No.	1911	No.	1915.
Engineer	1.	Rs.300-500	1	500-700
Assistant Engineers	2	2nd Grade 200-250	1	200-250
		3rd Grade 150-200	1	150-200
Carried Over	3		3	

(P.T.O.)

80

20

	No.	1911	No.	1915.
Brought Forward	3		3	
Overseer	1	1st Grade Rs.100	1	100
	"	2nd Grade "	2	80
	2	3rd Grade 60	"	"
Sub Overseers	3	1st grade 50-70	4	50-70
	3	2nd Grade 40-50	3	40-50
	"	3rd grade "	4	30-40
Total...	12		17	

The four 3rd grade sub overseers are the Draftsmen attached to the District Board Engineer's and Assistant Engineer's offices.

I have the honour to be,

Sir,

Your most obedient Servant,

A. Tottenham

President. 7. 3. 16.

c.m./3-3-16.

Mill
3-3-16.

Camp Tirupattur.

DESPATCHED
MAR 8 1916

21 ~~DEPARTMENT.~~ 109

G.B.—29.

Received 1916 191 . Registered C No. 15772 11-3- 1916.

LOCAL & MUNICIPAL SECRETARIAT

Subject.

Reporting the number, scale and pay of the Engineering officers of different grades employed by this district board in the years 1905 and 1915.

ENCLOSURES
No.
Spare copies

Dis No. 171 (Ecc 1)

Station ANANTAPUR, Dated the 8th March 1916

From (Name) S.W.G. Iver MacIver, Esq., I.C.S.,

(Designation) President, District Board, Anantapur.

To The Secretary to the Government of Madras,
Local and Municipal Department.

Mill
3-3-16

Sir,

With reference to Government Memorandum No. -- 1148-1 L., dated 22nd February 1916, I have the honour to furnish below information regarding the number, scale and pay of the Engineering Officers of different grades employed by this District Board in 1905 and 1915:-

22
110

1905

Name of Officer.	Number.	Scale of pay. Rs.
Engineer.	1	300-10-500
Sub-Overseer, 1st Grade.	1	60
Do 2nd ,,	1	55
Do 3rd ,,	1	50
Do 4th ,,	1	45
Do 5th ,,	1	40
Do 6th ,,	1	35

1915.

Engineer.	1	300-10-500
Assistant Engineer.	1	150- 5-200
Overseer, 2nd Grade.	1	80
Sub-Overseers, 1st Grade.	3	50- 4- 70 (each)
Do. 2nd Grade.	3	40- 2- 50 (,,)
Do. 3rd Grade.	2	30- 2- 40 (,,)

I have the honour to be,

Sir,

Your most obedient servant,

C. Sivaswamy Aiyar
For President.
M. 9-3-16

P.N.R.

DESPATCHED
9-MAR 1916

23

R.F.D. - 80-i—19,902—13-6-13

111

LOCAL AND MUNICIPAL DEPARTMENT

REGISTRAR
13 MAR. 1916
LOCAL & MUNICIPAL SECRETARIAT

CURRENT No.

Received ..... 191 , *Registered* C No. 16014 13-3-1916.

Subject

Submitting a statement showing the total number of Engineering officers of the different grades employed in 1905 and 1915.

ENCLOSURES
No. .....
Cnl.
Spare copies .....

Dis No. 364 of 1916.

Station Madura , *Dated the* 9th March 1916.

From (Name) G.F. Paddison Esq, M.A., I.C.S.,

(Designation) President, District Board, Madura.

To the Secretary to the Government of Madras,
Local and Municipal Department.

Sir,

With reference to Government Memorandum No.1148-1-L, dated 22nd February 1916, I have the honour to submit herewith a statement showing the total number of Engineering officers of the different grades employed in 1905 and 1915.

I have the honour to be,

Sir,

Your most obedient servant,

[signature] 11.3.16

For President.

P.S./9-3-16. [signature] 10-3-16

MAR 11

24 vide 112

Statement showing the total number of Engineering officers of the different grades employed.

In the year 1905.		
No.	Designation.	Pay.
1.	District Board Engineer.	600-10-900
1.	Assistant Engineer.	200 -- 250
1.	Do.	150 -- 175
1.	Sub Divisional Officer.	100
1.	Do.	110
2.	Overseers.	80 each.
2.	Sub Overseers 1st grade.	50-70 each.
7.	Do. 2nd grade.	35-45 each.
16.		

In the year 1915.		
No.	Designation.	Pay.
1.	District Board Engineer.	600-900
1.	Assistant Engineer 1st grade.	250-300
1.	Do. 2nd grade.	200-250
1.	Do. 3rd grade.	150-200
1.	Overseer 1st grade.	100
1.	Do. 2nd grade.	80
1.	Do. 3rd grade.	60
4.	Sub Overseers. 1st grade.	50-70 each.
4.	Do. 2nd grade.	40-50 each.
4.	Do. 3rd grade.	30-40 each.
1.	Well Overseer.	60
1.	Reserve Sub Overseer.	40-50
21.		

Two of the four are only Assistant Draftsman on 25-30 grade, not being qualified for Sub Overseer's post.

For President.

10.3.16.

9/3

E.F.D.—80-4.

LOCAL AND MUNICIPAL DEPARTMENT.

CURRENT No.

Received ..... 191 , *Registered* C.No. 16417 15-3-1916. 113

REGISTRAR 15 MAR. 1916 LOCAL & MUNICIPAL SECRETARIAT

Subject.

Details of Engineering Establishment.

ENCLOSURES.
No. One
Spare copies

Dis. No. 275/D.B. of 16.

Station Chittoor, *Dated the* 11th M A R C H 1916.

From (Name) H.L. Braidwood Esquire, I.C.S.,

(Designation) President, District Board, Chittoor.

To the Secretary to the Government of Madras,
Local and Municipal Department.
Fort Saint George.

Sir,

With reference to Government Memorandum No.1148-1-L., dated 22-2-1916, I have the honour to submit herewith a list showing the number of Engineering officers of the different grades employed in this District in 1915.

2. The information relating to 1905 is not available as this District was formed only in 1911.

I have the honour to be,
Sir,
Your most obedient servant

DESPATCHED 14 MAR 1916

For President.

List showing the number of Engineering Officers employed in the Chittoor District during the year 1915.

No.	Grade.	No. of officers employed.	Remarks.
	Permanent Establishment.		
1.	Engineer. ...	1.	
2.	Assistant Engineers.	3.	One Assistant Engineer was appointed only in June 15
3.	Overseer. ...	1.	
4.	Sub Overseers. ...	13.	
	Temporary Establishment.		
5.	Temporary Supervisor.	1.	For the supervision of 2 bridges on the Bombay Trunk road. This man is subsequently employed in supervising the construction of the District Board and the District Board Engineer's Offices.
	Temporary Establishment employed under the Taluk Board for Sanitary Grant works.		
	Chittoor Taluk Board.		
6.	Sub Overseer. ...	1.	
	Chendragiri Taluk Board.		
7.	Sub Overseer. ...	1.	
	Madanapalle Taluk Board.		
8.	Head Overseer. ...	1.	1-1-1915 to 16-2-1915.
9.	Well Overseer. ...	1.	17-2-1915 to 31-12-1915.
10.	Sub Overseer. ...	1.	1-1-1915 to 31-3-1915.

For President.

27 115

C.F.—29

DEPARTMENT.

Received REGISTRAR 22 MAR. 1916 LOCAL & MUNICIPAL SECRETARIAT 191 Registered C No. 18012 22-3-1916 191

Subject.

Engineering Officers.

Reporting the total number of --------- of the different grades employed in South Canara in 1905 and 1915.

ENCLOSURES
No.
Spare copies

Dis No. 186 D/16
D. B.

Station Mangalore, Dated the 18th March 1916.

From (Name) A. Galletti, Esquire, I.C.S.,
(Designation) President, District Board, South Canara.

To The Secretary to the Government of Madras,
Local and Municipal Department.
Madras.

Sir,

Referring to Government Memorandum No. 1148-1L dated the 22nd February 1916, I have the honour to note below the --- total number of Engineering Officers of the different grades--- employed by this District Board in 1905 and 1915.

In 1905.

1	Engineer	400-10-600 (annual)
1	Supervisor	150
1	1st grade overseer	100
1	2nd grade overseer	80
1	3rd do	60
2	1st grade suboverseers	50 each
1	2nd grade suboverseer	35
2	3rd do	30 each.

28

In 1915.

	1 Engineer	500-20-700 (annual)
	1 Assistant Engineer	200-10-250 do
Post created in place of the Supervisor from 9th October 15.	1 do or	150-10-200 do
	1 Supervisor	150
X Post abolished with effect from the 9th-- January 16.	1 1st grade overseer	100
	3 second grade overseers.....	80 each
	3 third do	60 each
	1 first grade suboverseer	50-4-70 (biannial)
	2 second grade suboverseers	40-2-50 do
	3 third do	30-2-40 do

I have the honour to be,

Sir,

Your most obedient Servant,

D Anandadao
20-3-16

For President.

Stock Form No. 151
8,000—28-6-04.

29

No. 1864 L
23-3-16

116

Local & Munl. (1916) Department.

CURRENT No.

From

[Name] I. MacIver Esquire., I. C. S.,

[Designation] Collector of Anantapur.

[Station] Anantapur.

This contains Estt for Anantapur Mult also (Entered in Munl Statt)

REGISTRAR
23 MAR. 1916
LOCAL & MUNICIPAL SECRETARIAT

No D Dis. 731 of 1916. Received 190 -

Dated 19th March 1916---190--

Enclosures 1 Registered 190 .

SUBJECT.

Submitting a statement showing the total number of Engineering Officers of the different grades employed in the District Board, Anantapur and in the Anantapur Municipality in 1905 and 1915.

BACK PAPERS.

FURTHER PAPERS.

30

To

The Secretary to Government,

Local and Municipal Department.

MADRAS.

Sir,

With reference to Government Memorandum No. 1148-i L, dated 22nd February 1916, I have the honour to submit herewith a statement showing the total number of Engineering Officers of the different grades employed in the District Board, Anantapur, and in the Anantapur Municipality in 1905 and 1915.

I have the honour to be,

Sir,

Your most obedient servant,

C. Sivaramakrishnachari

For Collector.

21.3.16.

M K S R/20-3-

21/3

31

117

Number and scale pay of the Engineering Officers under the employment of the District Board, Anantapur.

1905.

Name of Officer.	Number.		Scale of pay.
Engineer	1.	Rs.	300-10-500.
Sub Overseer, 1st Grade	1		60.
Do. 2nd ,,	1		55.
Do. 3rd ,,	1		50.
Do. 4th ,,	1		45.
Do. 5th ,,	1		40.
Do. 6th ,,	1		35.
	7		

1915.

Engineer	1		300-10-500.
Assistant Engineer	1		150--5-200.
Overseer, 2nd grade	1		80.
Sub Overseers, 1st grade	3 .	(Each).	50--4-70.
Do. 2nd ,,	3	,,	40--2-50.
Do. 3rd ,,	2	,,	30--2-40.
	11.		

Number and scale and pay of the Engineering Officers under the employment of the Municipal Council, Anantapur.

Name of Officer.	Number.	Scale of pay.
1905.		
---	Nil	---
1915.		
Temporary Overseer	1.	Rs. 40. *

* From 14-6-1914 to 30-4-1915 and from 10-9-1915 to 31-3-1916.

C. Sivaramakrishnachari

For Collector.

21.3.16

M K S R/20-3-

21/3

32

C.F. 29—1-16.

Local and Municipal **DEPARTMENT.**

118

Received REGISTRAR 26 MAR 1916 LOCAL & MUNICIPAL SECRETARIAT 191 . *Registered* No. 1939 L 27-3-1916 .

Subject.

Engineering officers.

Submitting a statement showing the total number of ------- of different grades in 1905 and 1915.

Salem District Board's Office
DESPATCHED
25 MAR 1916

ENCLOSURES.
No. one
Spare copies

No. 88 of 16
Govt.

Station Salem, *Dated the* 23rd March 1916.

From (Name) E.W. Legh Esquire, I.C.S.,
(Designation) President, District Board, Salem.

To The Secretary to the Government of Madras,
Local and Municipal Department.

Sir,

In reply to Government Memorandum 1148-I L., dated 22nd February 1916, I have the honour to submit herewith a statement showing the total number of Engineering officers of different grades called for therein.

I have the honour to be,
Sir,
Your most obedient servant
K Sunnam
For President.

S.K/24-3-16.
Xd. 26 24.3.16

Statement showing the total number of Engineering Officers of the different grades employed in 1905 and 1915.

1905.

S.No.	Number and grade of Engineering officers		Remarks.
1	One District Board Engineer	2nd Class	
2	One Assistant Engineer	3rd Class	
3	Two Local Fund Overseers	1st Grade	
4	Two Local Fund Overseers	2nd Grade	
5	Four Local Fund Overseers	3rd Grade	
6	Three Sub-overseers	3rd Grade	

1915.

1	One District Board Engineer	2nd Class	
2	One Assistant Engineer	2nd Class	
3	Two Assistant Engineers	3rd Class	Includes one Assistant Engineer temporary.
4	Two Local Fund Overseers	1st Grade	
5	Two Local Fund Overseers	2nd Grade	
6	Three Local Fund Overseers	3rd Grade	
7	Three Local Fund Overseers	3 rd Grade	Three 3rd Grade overseers are temporary.
8	One Sub-Overseer	1st Grade	
9	Two Sub-Overseers	2nd Grade	
10	One Relieving Overseer	3rd Grade	

(N.B.) The figures furnished for 1915 exclude the 1st Grade Sub-Overseer(Temporary) and one 2nd grade and 1.3rd grade Sub-overseer (Permanent) working in the Drawing Branch.

K Srinivasan
For President.

S.K/24-3-16.

Xd. 24.3.16

34

Local and Municipal **DEPARTMENT.** C.F.—29.

Received REGISTRAR 27 MAR. 1916 LOCAL & MUNICIPAL SECRETARIAT 191. *Registered* No. 19327 27-3-1916.

Subject.

Submitting list of Engineering officers of different grades employed in 1905 and 1915

ENCLOSURES.
No. One
Spare copies

Dis. No. 391 D/D.B/16.

Station Chatrapur, *Dated the* 22nd March 1916.

From (Name) N. Macmichael, Esq.,I.C.S.,

(Designation) President, District Board, Ganjam

To The Secretary to the Government of Madras,

Local and Municipal Department.

Sir,

With reference to Government Memorandum -- No.1140-I.L., dated 22-2-16 I have the honour to submit herewith a list showing the total number of Engineering officers of the -- different grades employed by me in 1905 and 1915.

I have the honour to be,

Sir,

Your most obedient servant,

Venkatakrishnayya
24.3.16

For President, District Board, Ganjam.

C.T.V.
23-3-16.

24-3-16

35

List showing the total number of Engineering officers of the -- different grades employed in

121

1905		1915	
District Board Engineer.	1	District Board Engineer.	1
Local Fund Supervisor.	1	Assistant Engineers.	2
O v e r s e e r s.	4	O v e r s e e r s.	8
Sub-Overseers.	6	Sub-Overseers.	11
Draftsmen. ..	2		
	14		22

Chatrapur. I
I
22-3-1916. I

Illegible
24.3.16.

For President, District Board, Ganjam.

24.3.16

C.T.V.
24-3-16.

24/3

36 122

C.F.—29.

DEPARTMENT.

Received REGISTRAR 27 MAR. 1916 191 LOCAL & MUNICIPAL SECRETARIAT *Registered* C16. 19417 27-3- 1916.

Subject.

Submitting a statement, showing the number of Engineering Officers of the different grades, employed in the District in 1905 and 1915.

ENCLOSURES.
No. Gnl
Spare copies Nil

R.Dis. No. 81/D.B. of 1916.

Station Masulipatam., *Dated the* 21st March 1916

KISTNA DISTRICT BOARD'S OFFICE DESPATCHED MAR 23 1916

From (*Name*) H. H. BURKITT Esquire, I.C.S.,

(*Designation*) PRESIDENT, DISTRICT BOARD, KISTNA.

To The Secretary to the Government of Madras,

LOCAL AND MUNICIPAL Department.

MADRAS.

Sir,

With reference to the Government Memo No.1148 1.L., dated 22nd February 1916, requesting to report the number of Engineering Officers of the different grades employed in the District in 1905 and 1915, I have the honour to submit herewith a statement showing the information required.

I have the honour to be,

Sir,

Your most obedient servant,

For President

37

Statement, showing the number of Engineering Officers of the different grades, employed in the Kistna District, during the years 1905 & 1915.

****

	Designation of Officers.	1905		1915.		Remarks.
		No.	Grade	No.	Grade	
	1	2	3	4	5	6
1.	District Board Engi--neer.	1	600-25-700	1	700-20-1000	
2.	Assistant Engineers			1	1st class 250-5-300	
		1	2nd class, 200-5-250.	1	2nd class, 200-5-250.	
		3	3rd class 150-5-200	2	3rd class 150-5-200.	
3.	Overseer	1	Ist class Rs.100.	1	1st grade Rs.100	
		3	II ,, 80.	3	II ,, 80	
		4	III,, 60	5	III ,, 60	
4.	Sub-Overseers	1	1st class 50-10-70	4	1st grade 50-4-70	
		1.	2nd class 35-5-45	10	2nd grade 40-2-50	
		3	3rd class 25-5-35	4	3rd grade 30-2-40.	
5.	Draftsman	1.	Head Drafts--man 55-1½-70.			N.B.- These have since been amalgamated into sub-overseers, of 1st grade Rs 50-4-70, 2nd grade 40-2-50 & 3rd grade Rs. 30-2-40, respectively.
		1.	2nd ...do.. 30-2-50			
		1	3rd ...do.. 30-1-40			
		21		33		

Kistna District Board's Office,
Masulipatam, 21st March 1916.

For President,
District Board, Kistna.

38

C.F.—29.

DEPARTMENT. 124

UNDER SECRETARY
25 MAR 1916
LOCAL & MUNICIPAL SECRETARIAT.



Received 191 . *Registered* C No. 1948 L 27-3 1916.

Subject.

Engineering Establishment:--Forwarding a statement showing the particulars in respect of the Engineering Officers employed in the district.

ENCLOSURES
No. One.
Spare copies

No. R. Dis. 88 D.B. of 1916.

Station TRICHINOPOLY, *Dated the* 22' March 1916. 191

From (Name) E. S. Lloyd Esq., I. C. S.,

(Designation) President, District Board.

To The Secretary to the Government of Madras,

Local & Municipal Department.

Sir,

Adverting to Government Memorandum No. 1140-1-L., dated 22' February 1916, I have the honour to forward herewith a statement showing the particulars required therein in respect of the Engineering Officers employed in this district.

2. The Second Grade Assistant Engineer on Rs. 200-10-250 and a Second Grade Sub-Overseer on Rs. 40-2-50 sanctioned in G.O. No. 1676-L. Mis., dated 12' November 1915 have not been included in the statement as the new sub-division was formed only with effect from 1st. January 1916.

I have the honour to be,
Sir,
Your most obedient servant,
T. Desika Chari
For President.

Typd. by. S. V. 22- 3- 16.

Compd. by. 22.3.16

Statement showing the particulars called for by Government in their Memorandum No. 1140-1-L., dated 22' February 1916.

Total number of Engineering Officers of the different grades employed in this district in the year

1905.					1915.				
Serial No.	Name of post.	No.	Pay.	Remarks.	Serial No.	Name of Post.	No.	Pay.	Remarks.
1.	Dt. Board Engineer	1.	400-10-600.		1.	Dt. Board Engineer.	1.	500-20-700.	
2.	Overseer.	1.	100.		2.	Assistant Engineer.	1.	150- 5-200.	
3.	Do.	1.	80.		3.	Overseer.	1.	100.	
4.	Overseers.	2.	(Each) 60.		4.	Overseers.	2.	(Each) 80.	
5.	Do.	2.	(Each) 50.		5.	Do.	[illegible]2	" 60.	
					6.	Do.	4.	" 50.	
					7.	1' Grade Sub-Overseer.	1.	50- 4- 70.	
					8.	2nd. " Do.	1.	40- 2- 50.	
		—			9.	3rd. " Do.	2.	30- 2- 40.	
	Total.	7.				Total.	17.15		✱ Includes 4 2 well-Overseers. The two posts have been kept vacant from 1-2-16 in view of the fact that no grant was made in 15-16 and that there is no likelihood of any grant being made in subsequent years.

T. Desika Char

For President.

Typd. by. S. V. 22- 3- 16.

Compd. by. 22.3.16

40

R.F.D.—80-i.

126

LOCAL AND MUNICIPAL DEPARTMENT.

CURRENT No.

REGISTRAR 28 MAR. 1916 LOCAL & MUNICIPAL SECRETARIAT

Received ..... 191 *Registered* No. 1997 L 28-3- 1916.

Subject.

Informing the total number of Engineering Officers of different grades employed in 1905 and 1915 in this district.

Superseded by revised statt coupp (44-45 infra

ENCLOSURES.
No. .....
Spare copies .....

Dis. No. 316.

Station Bellary., *Dated the* 25th March 1916.

From (Name) A.F.G.Moscardi Esqr., I.C.S.,

(Designation) President, District Board

To the Secretary to the Government of Madras,
Local and Municipal Department.

Sir,

With reference to Government Memorandum No.1148-1 L., dated 22nd February 1916, I have the honour to note below the total number of Enginnering Officers of different grades employed in 1905 and 1915

Designation of Officers.	1905 No.	1905 Pay.	1915 No.	1915 Pay.
Dt Bd Engineer.	1	300-10-500.	1	350-15-500
Asst Engineer.	.....		1	150- 5-200
1st grade Overseer.	1	80	1	100
2nd grade "	.....		1	80
3rd grade "	.....		2	60
1st grade SubOverseer	2---	55	3	50- 4- 70
2nd grade "	4	45	2	35- 5- 45

41

127

I have the honour to be,

Sir,

Your most obedient servant,

For President.

V.V.R.25/3.

Exd.

42

G.F.—29.

Local & Municipal **DEPARTMENT.** 128

REGISTRAR
28 MAR. 1916
LOCAL & MUNICIPAL SECRETARIAT

Received 191 *Registered* C No. 19962 28-3- 1916.

Subject.

Reporting the total number of Engineering Officers of the different grades employed by the President of Cuddapah District Board in 1905 & 1915.

ENCLOSURES
No.
Spare copies

Dis No. 210616

Station Cuddapah, *Dated the* 24th March 191

DESPATCHED
MAR 27 1916

From (Name) C. F. Brackenbury, Esquire, I.C.S.,

(Designation) President, District Board, Cuddapah.

To The Secretary to the Government of Madras,

Local & Municipal Department.

Sir,

With reference to Government Memorandum No.1148-1-L dated 22nd February 1916, I have the honour to append in the margin* the total number of Engineering Officers of the different grades employed by this District Board in 1905 and 1915.

*Vide list attached.

I have the honour to be,

Sir,

Your most obedient servant,

T. Ramachandra Chetty
for President.

T.M.S. 25/3

1905.

1 Engineer	...	...	Rs.400-10-600
1 Assistant Engineer...	...	...	150- 5-200
2 Third Grade Overseers	...	...	60/- each
2 First Grade Sub Overseers	...	...	50-10-70 each
3 Second Grade Sub Overseers	...	...	40- 2-50 each
2 3rd Grade Sub Overseers	...	...	25- 1-35 each
1 Draftsman in the Drawing Branch of the Engineer's Office	...	...	30- 1-40

1915.

1 Engineer	...	...	400-10-600
1 Assistant Engineer...	...	...	200- 5-250
1 1st Grade Overseer...	...	...	100
1 2nd Grade Overseer...	...	...	80
2 3rd.Grade Overseers..	...	...	60
2 1st.Grade Sub Overseers	...	...	50- 4- 70
1 2nd. Grade Sub Overseer	...	...	40- 2- 50

Drawing Branch.

1 First Grade Sub Overseer	...	...	50- 4- 70
1 Second Grade Sub Overseer	...	...	30- 2- 40

.....

44

130

R.F.D.—80-i.

Revised.

LOCAL AND MUNICIPAL DEPARTMENT.

CURRENT No.

REGISTERED 29 MAR. 1916 LOCAL & MUNICIPAL SECRETARIAT

Received ..... 191 ..... Registered C No. 2022 L 29-3- 1916.

Subject.

Informing ~~that~~ The total number of Engineering Officers of different grades employed in 1905 and 1915 in this district.

[To be substituted for the letter of the same number and date.]

Enclosures.
No. .....
Spare copies .....

Dis No. 316.

Station Bellary., Dated the 25th March. 1916.

From (Name) A.F.G.Moscardi Esqr., I.C.S.,

(Designation) President, District Board,

To the Secretary to the Government of Madras,
Local and Municipal Department.

Sir,

With reference to Government Memorandum No. 1148-1 L dated 22nd February 1916 I have the honour to note below the total number of Engineering Officers of different grades employed in 1905 and 1915.

Designation of officers.	1905 No.	1905 pay.	1915. No.	1915. Pay.
District Board Engineer.	1	300-10-500	1	350-15-500
Assistant Engineer.		...	1	150- 5-200
1st grade Overseer.	1	80	1	100
2nd "		...	1	80
3rd grade "		...	2	60
1st grade Sub Overseer.	2	55.	3	50- 4- 70

45

131

Designation of officers.	1905 No.	Pay.	1915 No.	Pay.
2nd Grade Sub Overseer.	4	45.	2	40-50
			2	30-40

The scale of 1905 do not include one draftsman and he was not included in the overseers.

I have the honour to be,

Sir ,

Your most obedient servant,

For President.

V.V.R. 27/3.

Exd.

3—16

46

C.F.—29.

LOCLA AND MUNICIPAL - - DEPARTMENT. 132

Received REGISTRAR 27 MAR. 1916 LOCAL & MUNICIPAL SECRETARIAT 191 Registered No. 19332 27-3- 1916

Subject.

Forwarding a statement showing the total number of Engineering officers of the different grades employed in 1905 and 1915.

ENCLOSURES.
No. one only
Spare copies

D.D.'s No. 203 of 16

Station Vizagapatam, Dated the 23 March 1916

Despatched on 24th march 16

From (Name) L.T. HARRIS Esquire, I.C.S.,

(Designation) President, District Board,

Vizagapatam.

To The Secretary to the Government of Madras,

LOCAL AND MUNICIPAL --- Department.

Sir,

With reference to Government Memorandum No.1148-1 L., dated 22nd February 1916, I have the honor to forward herewith a statement showing the total number of engineering officers of the different grades employed in 1905 --- and 1915.

I have the honor to be,

Sir,

Your most obedient servant,

Bitan ay [illegible]

Vice President, District Board.

Statement showing the total number of engineering officers of the different grades employed in 1905 and 1915.

133

NUMBER OF ENGINEERING OFFICERS OF DIFFERENT GRADES In 1905			NUMBER OF ENGINEERING OFFICERS OF DIFFERENT GRADES In 1915			
No.	Officers	Grade	No.	Officers	Grade.	Remarks.
		Rs.				
1.	Engineer	500-10-700	1	Engineer	700-20-1000	
1.	Supervisor	150	1	1.Grade Assistant Engineer	250- 5- 300	
1.	1st Grade Overseer	80	1	11 - Do. -	200- 5- 250	Represents sanctioned sale but - there is now a 111 Grade Assi tant Engineer.
2.	' ---- Do -----	60 each	1	111- Do --	150- 5- 200	
3.	11 Grade Overseers	50 each	2	1 Grade-Overseers	100 each	
2.	111 Grade Overseers	40 each	2	11 Grade Overseers	80 each	
1	Sub Overseer	30	5	111 Grade Overseers	60 each	
			2	1st Grade Sub Overseers	50- 4- 70	
			2	11 Grade-Do--	40- 2- 50	
			6	111 Grade-Do--	30- 2- 40	
			1	Sub Overseer under the - Vizagapatam Taluk Board	50	
			1	Sub Overseer under the - Vizianagram Taluk Board	30- 2- 40	
			1	Sub Overseer under the - Parvatipur Taluk Board	50+25	

Vice President, District Board.

48 C No. 2134 L
1-4-16 C.F.—29.

134

LOCAL AND MUNICIPAL **DEPARTMENT.**

Received REGISTRAR 1 APR. 1916 LOCAL & MUNICIPAL SECRETARIAT 191 . *Registered* ..... 191 .

Subject.

Submitting a statement of Engineering officers employed in 1905 and 1915.

ENCLOSURES.
No. One
Spare copies Nil

D. Dis: **No.** 522/ D.B of 1916.

Station Vellore , *Dated the* 29th March 1916.

From (Name) F. J. Richards Esq., M.A., I.C.S.,

(Designation) President, District Board, North Arcot.

To The Secretary to the Government of Madras,

Local and Municipal Department.

Fort Saint George.

Sir,

I have the honour to forward herewith a statement of Engineering officers of different grades employed in 1905 and 1915 called for in Government Memorandum No:1148-1 L - dated 22nd February 1916.

I have the honour to be,

S i r,

Your most obedient servant,

31.3.16

For President.

M.S 31/3
Exd by 31.3.16 31.3.16

Statement of Engineering Officers of different grades employed under the North. Arcot District Board in 1905 and 1915.

Officers employed in 1905		Pay to each	Officers employed in 1915			Pay to each	Remarks.
1		2	3			4	5
	no	Rs			no	Rs	
District Board Engineer	1	700	Dt Board Engineer	(3rd grade)	1	400-20-600	Columns 1 and 2 Show the
Assistant Engineers (Temporary)	2	150	Assistant Engineer	(2nd grade)	1	200-5-250	Staff employed in the
Overseer	1	70	do	(3rd grade)	1	150-5-200	old North. Arcot District.
do	1	65	Overseer	(1st grade)	1	100	
do	1	60	do	(2nd grade)	2	80	Three out of the eight
do	3	50	do	(3rd grade)	5	60	Sub overseers Shown in
do	2	45	Sub Overseer	(1st grade)	2	50-4-70	Col 3 do duty in the
do	1	40	do	(2nd grade)	2	40-2-50	Drawing Branch of the
Sub Overseer	1	35	do	(3rd grade)	4	30-2-40	Dt Board Engineer's
do	2	25					Office.

N. Arcot District Board Engineer's Office. 29.3.16

31.3.16

For President

31.3.16 31.3.16

50

R.F.D.—80-1.

LOCAL AND MUNICIPAL DEPARTMENT.

136

REGISTRA
3 APR. 1916
LOCAL & MUNICIPAL SECRETARIAT

CURRENT No.

Received 191 , *Registered* Dis. 2181/4-4- 1916.

Subject

Submitting a statement showing the number of Engineering officers employed.

ENCLOSURES.
No. One
Spare copies nil.

DDis No. 341/DB/16

Station GUNTUR , *Dated the* 30th March, 1916.

From (Name) N.E.Marjoribanks, Esquire, I.C.S.,
(Designation) President, District Board, Guntur.

DISTRICT BOARD SECTION
1 APR. 1916
GUNTUR

To the Secretary to the Government of Madras,
Local and Municipal Department.

Sir,

With reference to Government Memorandum No.1148-1 L, dated 22nd February 1916, I have the honor to submit herewith a statement showing the total number of engineering officers of different grades employed in this District in 1905 & 1915.

I have the honor to be,

Sir,

Your most obedient servant,

For-President, Dt.Bd.
Guntur.

A.R./30-3.

30.3.16

137

Statement showing the total number of Engineering Officers of the different grades employed under the Guntur District Board during 1905-06 and 1915-1916.

No.	Name of posts.	Pay Minimum.	Pay Maximum.	Remarks.
	1905-06.			
1	District Board Engineer.	600	900	
1	Assistant Engineer.	150	225	
2	Assistant Engineers each	150	200	
1	Overseer 2nd grade.	80	80	
1	Overseer 3rd grade.	60	60	
4	Sub Overseers 1st grade each.	50	70	
4	Sub Overseers 2nd grade each.	35	45	
1	Sub Overseer 3rd grade.	25	35	

Note.- This does not include the 3 draughtsmen who are now styled Sub Overseers in the Engineer's office.

No.	Name of posts.	Pay Minimum.	Pay Maximum.	Remarks.
	1915-16.			
1	District Board Engineer.	700	1000	
1	Assistant Engineer 1st grade	250	300	
1	Assistant Engineer 2nd "	200	250	
2	Assistant Engineers 3rd grade each.	150	200	
1	Overseer 1st grade.	100	100	
1	Overseer 2nd grade.	80	80	
1	Overseer 3rd grade.	60	60	
5	Sub Overseers 1st grade each	50	70	Includes 1 Sub-Overseer 1st - grade, 1 Sub Overseer 2nd grade and 1 Sub Overseer 3rd - grade who were originally styled draughtsmen but since styled as Sub Overseers.
6	Do. 2nd grade each. ...	40	50	
2	Do. 3rd grade each. ...	30	40	

A.R./30-3-16.

For-President, Dt.Bd.Guntur.

30.3.16

52

C.F.—29.

LOCAL AND MUNICIPAL DEPARTMENT.

138

Received REGISTRAR 17 APR. 1916 191 LOCAL & MUNICIPAL SECRETARIAT. Registered C No. 24902 17-4-1916.

Subject.

Forwarding a statement showing the total number of Engineering Officers employed by the Coimbatore District Board for the years 1905 - and 1915.

ENCLOSURES
No. one.
Spare copies

D. Dis. No. 410 /D.B. of 1916.

Station COIMBATORE, Dated the 14th APRIL 1916.

From (Name) A. R. Cumming Esquire I. C. S.,

(Designation) President, District Board, Coimbatore.

To The Secretary to the Government of Madras,

LOCAL AND MUNICIPAL Department.

Sir,

Adverting to Government Memorandum No.1148-1 L., dated 22nd February 1916, I have the honor to submit herewith a statement showing the total number of Engineering Officers of the different grades employed in this District by the District -- Board in 1905 and 1915.

I have the honor to be,

S i r,

Your most obedient servant,

M Renaudre 15 Feb.

For President.

DESPATCHED APR 16 1916

K. S./15-4-16.

53

Sub ①

STATEMENT SHOWING THE TOTAL NUMBER OF ENGINEERING OFFICERS OF DIFFERENT GRADES EMPLOYED IN THE COIMBATORE DISTRICT FOR THE YEARS 1905 AND 1915.

139

Designation of post.	Grade or Pay.	Number employed.
	1905.	
District Board Engineer. . . .	400 + 200 personal allowance.	One.
Assistant Engineer.	III G r a d e.	One.
Overseers.	I "	Two.
Do.	III "	Two.
Sub Overseers.	I "	Two.
Do.	II "	One.
Do.	III "	Nine.
	1915.	
District Board Engineer. . . .	II "	One.
Assistant Engineers.	III "	Three.
Supervisor.	100 to 150.	One.
Overseer.	I "	One.
Do.	II "	Two.
Do.	III "	Four.
Sub Overseers.	II "	Five.
Do.	III "	Five.

K.S./15-4-16.

DESPATCHED
APR 16 1916

M Renaudre
For President.
15 4 16

15-4-16. 15 4 16

LOCAL AND MUN — DEPARTMENT

CURRENT No. CURRENT No. 28117
9-5-16

Received ..... 191 , *Registered* 191

140

Subject.

Submitting a statement showing the total number of -- Engineering Officers of the different grades employed by the District Board-during 1905 to 1915.

ENCLOSURES.
No. One statement
Spare copies

No. 511- -D/D.B. of 1916

Station ....., *Dated the* 7th May 191 6.
8-5-16

From (Name) Dewan Bahadur R.Ramachandra Rao Esquire, B.A
(Designation) President, District Board, Nellore.

To the Secretary to the Government of Madras,
Local and Municipal Department.

Sir,

With reference to Government Memoramdum No. 1140-1-L., dated 22nd February 1916, I have the honor to submit herewith a statement showing the total numberof Engineering Officers of the different grades employed by this District Board during years 1905 to 1915.

I have the honor to be,
Sir,
Your most obedient servant,
For President.

G.G./8-5-1916.

of engineering officers of different grades employed during the following years.

No.	Designation	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915
	Engineers 3rd Grade	1	1	1	1	1	1	1	1	1	1	1
	Assistant Engineers 2nd Grade	1	2	2	2	2	2	2	2	2	2	2
	Overseers 1st Grade	1	1	1	1	1	1	1	1	1	1	1
	- do 2nd Grade	-	-	-	-	-	-	-	1	1	1	1
	- do 3rd Grade	1	2	2	2	2	2	2	2	2	2	2
	...ial Overseer 3rd Grade	-	-	-	1	1	1	1	1	1	1	1
	...b. Overseers 1st Grade	1	3	3	3	3	3	3	3	3	3	3
	...do 2nd Grade	7	4	4	4	4	4	4	4	4	4	4

58

141

[signature] 8.5.16

For Presid...

CS 8/5/16. [illegible] 8/5/16

PUBLIC WORKS SECRETARIAT
DIARY 6
OOTACAMUND

56

DEPARTMENT. 142

REGISTRAR
3 JUN. 1916
LOCAL & MUNICIPAL SECRETARIAT

Received ..... 191 . Registered ..... 191 .

C. No. 32437
5-6-16

PUBLIC WORKS DEPARTMENT.
C. No. 1345 A. D.
DATE. 14-6-1916.

Subject.

Furnishing the information regarding the Local Fund Engineering establishment under the control of the Koraput District Board.

ENCLOSURES
No. .....
Spare copies .....

No. 141 K

Station Vizagapatam, Dated the 31st May 1916

From (Name) F. W. R. Robertson Esquire, I.C.S.

(Designation) President, District Board, Koraput.

To The Secretary to the Government of Madras,

Local and Municipal Department.

Madras.

Sir,

(Rwatals) p 3 Supra

With reference to Government Memorandum No. 1148-12, dated 22nd February 1916, I have the honor to furnish below the information regarding the Local Fund Engineering establishment under my control in 1915:-

1. Temporary overseer, I grade.
2 Temporary overseers, II grade.
1 Surveyor (Vacant.)

2. No Engineering establishment existed in

To
L+N No 3243-16
10.6.16
L+N Dept
P. W. D. No.
9.6.16
9/6
V.TK
9/6

Note. The file for which the information was called for was sent to P. W. D. with L+N No. 1148-2 & 27.5.16.

Sent to Mad
AD 031

5th
12.6.16
PH2

57

in 1905 Since the Local Board's Act was extended into the Agency tracts in the same year.

I have the honor to be,
Sir,
Your Most obedient Servant,
[illegible]
for President, District Board
Koraput.

Dec 1866

Page 57 (a)

Scott, 11-8 (e)—32,005—27-1-16.

143

The replies from municipal councils are kept below tied into a bundle.

C.R.

HOME (EDUCATION) DEPARTMENT

G.O. No. 722, 31st May 1917

Engineering school

Directing that a new — for the training of lower subordinates be established at Vizagapatam and requesting the Director of Public Instruction to submit detailed proposals therefor.

READ—the following papers:—

I

Extract of paragraph 3 of Board's Reference No. 2011, dated 13th October 1915.

* * * * * *

3. In this connection, the Board begs to bring to the notice of Government the large number of exemptions which have to be applied for on behalf of the Minor Irrigation Staff in various districts on account of the great difficulty experienced by Collectors in recruiting passed men. During the nine months from January to September 1915, not less than three applications for permanent, and five for temporary, exemptions from the Upper Subordinate test have been sought for and sanctioned by Government and five temporary exemptions from the Lower Subordinate test had to be granted by the Board and extended for further periods in three cases. The paucity of qualified candidates does not appear to be confined to one district or a group of similarly circumstanced districts but is apparently felt by Collectors all over the Presidency, applications for exemptions received so far having come from such widely scattered districts as Vizagapatam, Gōdāvari, Bellary, Anantapur, Cuddapah, Chittoor, Trichinopoly and Salem. The Board is not sure whether this state of things is due to lack of qualified men or to the insufficiency of the pay and prospects of the Minor Irrigation staff in spite of their recent improvement under G.O. No. 2586, Revenue, dated 5th September 1914, and ventures to suggest that the Chief Engineer may be consulted on these points.

II

Memorandum No. 1148-1 L., dated 22nd February 1916.

All Presidents of District Boards and Chairmen of Municipal Councils are requested to report at an early date the total number of engineering officers of the different * grades employed by them in 1905 and 1915.

* Engineer.
Assistant Engineer.
Overseer.
Sub-overseer.

(By order.)

V. T. KRISHNAMA ACHARIYAR,
Under Secretary to Government.

To all Presidents of District Boards.
,, all Chairmen of Municipal Councils.
,, all Collectors.

III

Replies from Presidents of District Boards and Chairmen of Municipal Councils.

GOVERNMENT BRANCH PRESS
15 JUN 1917
OOTACAMUND.

IV

Official Memorandum No. 1722-B/15-4, Revenue, dated 17th February 1916.

With reference to paragraph 3 of its Reference No. 2011, dated 13th October 1915, the Board of Revenue is requested to report—

(1) the average number of vacancies (including casualties, resignations, dismissals, etc.) that occurred during the last ten years in the Minor Irrigation staff in the whole Presidency;

(2) the average number of such vacancies that were filled up by qualified candidates, and

(3) how far the supply of candidates fell short of the demand.

(By order.)

A. H. A. Todd,
Under Secretary to Government.

To the Board of Revenue (Revenue Settlement).

V

Reference from the Board of Revenue (R.S., Sur., L. Rds. and Agri.), No. 1749, dated 4th September 1916.

The Hon'ble Mr. Ll. E. Buckley, I.C.S.,
Commissioner of Revenue Settlement, Survey, Land Records and Agriculture.

Read—the following papers:—

(i)

Memorandum—from Government, Revenue Department.
No.—1722-B/15-4.
Dated—the 17th February 1916.

(ii)

Reference—from the Board of Revenue (Revenue Settlement).
No.—320.
Dated—the 22nd February 1916.

(iii)

Replies thereto from Collectors.

Reference—No. 1749, *dated 4th September* 1916.

In connection with the question of the difficulty experienced in securing qualified men for vacancies in the Minor Irrigation establishment, Government in their memorandum No. 1722-B/15-4, Revenue, dated 17th February 1916, have called for information on the following points:—

(i) the average number of vacancies (including casualties, resignations, dismissals, etc.) which occurred during the last ten years in the Minor Irrigation staff in the whole Presidency;

(ii) the average number of such vacancies which were filled by qualified candidates; and

(iii) how far the supply of candidates fell short of the demand.

The information furnished by Collectors in reply to a reference made to them on the subject is tabulated in the statement appended.

2. It will be seen that, on an average, one out of every two vacancies in the Minor Irrigation establishment has had to be filled by the appointment of an unqualified man and that the dearth of qualified men for posts in the department is felt in almost all the districts. In some districts, like Chingleput and Trichinopoly which are peculiarly favoured by position or other conditions, little difficulty has generally been experienced in filling vacancies with qualified men, although the large number of vacancies in the two specified districts indicates that the appointments are readily abandoned.

3. The Board is of the opinion that the three chief causes that militate against the popularity of service in the Minor Irrigation department are—

(i) absence of prospects;
(ii) subordination to lower revenue officers;
(iii) the low rates of pay offered.

The absence of prospects is obvious.

Minor Irrigation officers are placed under Tahsildars which they do not like and are often subject to criticism by Revenue Inspectors which they like still less.

As pointed out by some Collectors the rates of pay offered to the men in the Minor Irrigation department are, notwithstanding the improvements sanctioned in G.O. No. 2586, Revenue, dated 5th September 1914, still too low to attract qualified or efficient men. The salaries of supervisors and sub-overseers in the Minor Irrigation department are much below those of equal rank in the Public Works Department, although the qualifications required of both are the same. The pay of a Public Works Department supervisor ranges from Rs. 150 to Rs. 200, while that of a Minor Irrigation supervisor begins on Rs. 120 and ends with Rs. 140 and, although both the Minor Irrigation and Public Works Department sub-overseers start on the same initial pay of Rs. 30, the former can rise only to Rs. 60 by annual increments of Rs. 2, while the latter can rise by increases of Rs. 5 in the various grades to a maximum pay of Rs. 80. There is no doubt that the low starting pay of Rs. 30 combined with the comparative slowness in promotion render service in the Minor Irrigation department unattractive.

4. The Board is not in a position to express an opinion whether the output of qualified men from the Engineering College is sufficient to meet the requirements of both the Public Works department and the Minor Irrigation department. It may be that the output is adequate, and that the terms of employment in the Minor Irrigation department do not attract qualified men or it may be that the absence of attractive employment reacts on the number of students. The Chief Engineer may be consulted on the point.

5. In its Resolution No. 2339, Mis., dated 19th July 1913, dealing with the reorganization of the Minor Irrigation staff, the Board favoured the abolition of the sub-overseer grade and the employment of overseers only. As overseers and sub-overseers are called on to do the same class of work, and as overseers are not at present obtainable, it is worth considering whether the Revenue Department should not rely on sub-overseers alone. The advice of the Chief Engineer may be taken on this point. If the suggestion is adopted, it will be necessary to offer sub-overseers in the Minor Irrigation Department at least the same pay and increments as the same class of men gets in the Public Works Department. It may even be necessary to offer a higher initial pay to attract men to the less attractive department.

6. In case the overseers' grade is abolished, there will be difficulty in recruiting men for the supervisors' posts, as higher qualifications than those of sub-overseers are required in the case of supervisors and as the rules of the Engineering College do not seem to permit sub-overseers, in service, who will have ordinarily passed only the lower subordinate or a corresponding test of the college, to return to college to take a higher qualification. It has no doubt been found possible to obtain a limited number of overseers and a solution of the difficulty might perhaps be found by retaining a certain number of overseers' posts in each district and placing the men on a Presidency list so that their prospects of promotion to supervisors' rank might not be limited to the district in which they are first entertained.

7. To overcome the difficulties of recruitment to the Minor Irrigation staff at present experienced, the Collector of Tinnevelly suggests the amalgamation of the Minor Irrigation establishment with the Department of Public Works. This proposal has already been vetoed by Government in paragraph 7 of their Order No. 2586, Revenue, dated 5th September 1914, and the Board is not ready to recommend a reconsideration of that order as it is convinced that the proposed arrangement is unlikely to work satisfactorily.

T. RAGHAVIAH,
Secretary.

To the Secretary to Government, Revenue Department, with a copy of the appendix.

APPENDIX.

Districts. (1)	Number of vacancies permanent as well as temporary which occurred during the last ten years in the Minor Irrigation staff. (2)	Number of such vacancies which were filled up by qualified candidates. (3)	How far the supply of candidates fell short of the demand, i.e., the number of vacancies filled up by unqualified candidates. (4)
1. Ganjam ..	11	4	7.
2. Vizagapatam ..	5	2	3. On several occasions the posts had to be kept vacant for periods ranging from two to five months for want of qualified persons.
3. Godavari ..	5*	1†	1. Vacant. Vacancies have to be filled up by unqualified men. Efforts made to secure passed candidates have been unsuccessful. This must be due to the number of men who pass out from the Engineering college every year not being sufficient to meet the demand.
4. Kistna	4	3	1. Qualified men have generally been procurable though with difficulty for sub-overseer's posts. It has been found quite impossible to find a suitable qualified man for the newly sanctioned post of overseer. If it were allowed to promote a sub-overseer to the grade of overseer, the chance of rising to the higher appointment would probably draw a better class of men to the post of sub-overseer. The duties of a Minor Irrigation Overseer do not materially differ from those of a sub-overseer and higher qualifications need not be insisted on in the case of overseers.
5. Guntur ..	2	..	2. For one of the two vacancies an unpassed man was appointed and exempted permanently; and for the other an unqualified man has been appointed temporarily for want of a suitable man.
6. Kurnool ..	14	7	7. One of the overseer's posts has been vacant since 1st August 1915 for want of qualified men. Of the five Minor Irrigation sub-overseers only two are qualified, one was permanently exempted to hold the post and the remaining two are unqualified men acting in permanent vacancies. The improvements in the pay and prospects of the Minor Irrigation staff have not apparently attracted qualified men for the vacant posts.
7. Bellary ..	26	10	16. Out of 26 vacancies that occurred during the last ten years only ten were filled up by qualified persons. The paucity of qualified men is much felt in this district. Much improvement can be effected if the maximum pay of the appointment is allowed to be drawn in the first year of appointment instead of waiting for a number of years to earn the maximum pay.
8. Anantapur ..	5	3	2.
9. Cuddapah ..	6	5	1. For want of a qualified man the Collector is asking for the exemption of the best unqualified man who applies. The initial pay of Rs. 30 allowed to Minor Irrigation sub-overseers appears to be too low to attract qualified men.
10. Nellore ..	2	2	2. The paucity of qualified men is felt in the district. In temporary vacancies the posts have to be kept vacant or put in charge of the sub-overseers of an adjoining range or a non-qualified man appointed after getting him exempted.
11. Chingleput ..	27	27	2. Two unqualified men had to be appointed in two vacancies but they have since been replaced by 2 qualified men who were got from other districts. There are no unqualified men in the Minor Irrigation establishment at present and there is not so much difficulty in securing qualified men as there was in previous years.
12. South Arcot ..	9	6	3. Except in the last few years there has been no noticeable shortage of supply of passed upper subordinate candidates. During the last year or two great difficulty has been experienced in securing the services of qualified candidates in spite of wide advertisements. As regards the lower subordinates the supply is adequate.
13. North Arcot ..	12	8	4. It is very difficult to get suitable qualified men for the posts of Minor Irrigation overseers and the few whose services are procured are of an inferior stuff who cannot get into the Public Works Department or Local Fund Departments, where there are better prospects of promotion.
14. Chittoor ..	6	2	4. Three of these four posts are held by men partially qualified and one post is vacant for want of suitable persons.
15. Salem	28	2	26. In spite of the recent improvements in the pay and prospects of promotion of the Minor Irrigation staff it is hard to get qualified men and with a view to make the posts more attractive the minimum pay of a sub-overseer should be raised to at least Rs. 50 and he should be paid the usual batta and travelling allowance according to rules; or a fixed travelling allowance of Rs. 15 per mensem.
16. Coimbatore ..	3	3	The supply of candidates did not fall short of the demand.
17. Trichinopoly ..	15	14	1. The unqualified man was permanently exempted from upper subordinate test towards the end of 1915.

* Includes one post still vacant. † On probation.

18. Tanjore	..	1	1	1. One vacancy in the grade of overseer was filled up by a sub-overseer with permanent exemption and another vacancy in the grade of sub-overseer was filled up by the permanent clerk-draftsman with temporary exemption.
19. Madura	..	5	3	
20. Ramnad	..	1	1	2.
21. Tinnevelly	..	7	4	3. Two posts of overseers have been filled up from the grade of sub-overseers temporarily for want of qualified men. This state of affairs is due to the fact that the prospects of men appointed to places in the Minor Irrigation establishment do not compare favourably with those of candidates possessing similar qualifications in the Public Works Department. While a qualified overseer in the Public Works Department can rise to a Sub-Engineer's post (pay Rs. 250) and above, a qualified overseer in the Minor Irrigation establishment cannot hope to rise above a supervisor's place on Rs. 140. The chances of securing even this promotion are not great. The remedy for this state of things consists in amalgamating the Minor Irrigation establishment with the Public Works Department. The details of the proposed scheme are set out in the note.

Order—No. 722, Home (Education), dated 31st May 1917.

The Government have had under consideration for some time past the question of meeting the growing demands of the Revenue, Local Fund and Public Works Departments for qualified subordinates trained in the College of Engineering. The number of students now trained annually in the College of Engineering is inadequate to meet these demands, and a large proportion of the vacancies arising in the Revenue and Local Fund departments has to be filled by the appointment of men who do not possess the requisite educational qualifications. When the College of Engineering is removed to the new buildings now under construction at Guindy, it will be possible to train more students than at present, but the larger number thus secured will still be insufficient to meet all requirements.

2. The Government have accordingly resolved to open a new engineering school for the training of lower subordinates and, with a view to attract a larger number of students from the Telugu districts, direct that the school be located at Vizagapatam.

3. The Director of Public Instruction is requested to report at an early date as to the establishment required for the school and also to submit a detailed estimate of the initial and recurring charges that will have to be incurred by the Government. He is also requested to favour Government with his views as to the arrangements to be made for the efficient management of the institution. It has been suggested that the institution when opened may be placed under the direct control either of the Principal of the College of Engineering or of one of the local officers of the Public Works Department. The Government doubt whether either of these arrangements would be suitable. The Principal of the College of Engineering has already a large institution under his charge and he could exercise only nominal control over a school situated at such a distance, though he may be expected to exercise some general supervision over the curriculum of the school and by occasional visits of inspection ensure that the working of the school is in harmony with that of the college. Nor could the local officers of the Public Works Department supervise the school effectively without serious interference with their touring and inspection work. In view of these considerations, it would perhaps be preferable to place the institution under a competent superintendent to whom a large measure of responsibility could be entrusted. The Director is requested to give due consideration to the various points raised above before submitting his final recommendation.

4. Orders will issue in the Public Works Department in regard to the preparation of plans and estimates for the buildings required for the accommodation of the school and also as to the selection of a suitable site for the school in communication with the officers of the Educational Department.

(True Extract.)

R. Ramachandra Rao,
Secretary to Government.

To the Director of Public Instruction.
,, Public Works Department (with copy of notes).
,, Financial Department.
Copy to the Revenue Department.
,, Local and Municipal Department.
Editors' Table (paragraphs 1 and 2 only).

NOTES CONNECTED WITH G.O. No. 722, HOME (EDUCATION), DATED 31ST MAY 1917.

[SUBJECT.—*Establishment of an additional Engineering School.*]

Previous papers :

G.O.	213, *Educational*,	5*th March*	1912.	G.O.	466, *Educational*,	1*st May*	1915.
,,	1578 *M.*,	14*th August*	1913.	*Memo.*	90 *D.*,	15*th* ,,	,,
,,	798, *Educational*,	26*th* ,,	,,	G.O.	976 *W.*,	24*th* ,,	,,
,,	82 *W.*,	10*th January*	1914.	,,	705, *Educational*,	30*th June*	,,
,,	121, *Educational*,	27*th* ,,	,,	,,	1184 ,,	1*st November*	,,
,,	2586, *Revenue*,	5*th September*	,,	*Memo.*	8788 *C.*,	16*th December*	,,
,,	185, *Educational*,	19*th February*	1915.	G.O.	724, *Educational*,	3*rd July*	1916.

REVENUE DEPARTMENT.

Extract of notes relating to B.P. No. 2011, *dated* 13*th October* 1915.

An extract of paragraph 3 of the B.P. Ref. No. 2011, dated 13th October 1915, may, it is submitted, be separately forwarded to the Public Works Department (Irrigation) for remarks.

A.H.A.T.—26-10-15.
L.D.—27-10-15.

B.M.R.—23-10-15.
W.A.K.—25-10-15.

PUBLIC WORKS (IRRIGATION) DEPARTMENT.

In G.O. No. 2586, Revenue, dated 5th September 1914, Government sanctioned a reorganization of the minor irrigation establishments which was calculated to effect a material improvement in their pay and prospects. They did not, however, approve the recommendation of the Board of Revenue that Collectors should be empowered to confirm unqualified men in their appointments if they show after two years' work that they are competent. They agreed with the Board that it was not advisable to reduce the qualifications prescribed for minor irrigation sub-overseers which were already lower than those required in the Local Fund and Public Works Departments.

2. In its reference quoted above the Board states that even in spite of the improvements sanctioned in the Government Order referred to above, a large number of exemptions have been applied for so much so that in a period of nine months, from January to September 1915, three permanent, and five temporary, exemptions from the upper subordinate test had to be sanctioned by Government, while during the same period the Board sanctioned five temporary exemptions from the lower subordinate test and three extensions of periods. The Board enquires whether this state of things is due to lack of qualified men or to the insufficiency of the pay and prospects.

3. It is believed that the state of affairs is due to a combination of both the causes mentioned above. In the Public Works Department where the lower subordinate begins with Rs. 30 and the upper subordinate from Rs. 60, it is found extremely difficult to get qualified men and the difficulty is accentuated when the period of appointment is short or temporary. It may be that when the new Engineering College is built the college may turn out more men.

This is the case ; at present the outturn is much below the demand especially of lower subordinates. The establishment of lower subordinate schools at, say, Rajahmundry and Trichinopoly, with a two-year course, might be considered ; the new Engineering College will not turn out enough.

F.E.M.—9-11-15.

GOVERNMENT BRANCH
25 JUN 1917
OOTACAMUND

4. As observed in the Secretary's note on page 77 of the Notes to G.O. No. 2586, Revenue, dated 5th September 1914, the matter appears to be one for the Public Works (General) Department to whom the case may be transferred u.o.

G.V.—9-11-15.
P.K.S.—9-11-15.

F. E. MORGAN—9-11-15.

Transferred to the Public Works (General) Department.

It is believed that the outturn from the College of Engineering is far below the requirements of the Presidency.

W. M. ELLIS—10-11-15.

PUBLIC WORKS (GENERAL) DEPARTMENT.

In the linked file* there is a proposal to ask the Principal, College of Engineering, Madras, to increase number of admissions to the probationary subordinate, upper subordinate and the lower subordinate classes to the maximum number which the present college can hold. If this is done, it seems that the demand for men for minor irrigation purposes will also be met to some extent. With the above information the case may be returned to the Revenue Department.

* Disposed of by Memorandum 8788 C., 16th December 1915.

C.R.—16-11-15.
T.V.N.—16-11-15.

W. G. MOLESWORTH—25-11-15.

The supply of upper and lower subordinates is admittedly insufficient to meet demands, but the resources of the Engineering College are strained to their utmost to turn out the numbers which they are now doing. With the college at Guindy the outturn will be greater, and until that time comes I am afraid suitable unqualified minor irrigation overseers must be accepted.

S. B. MURRAY—30-11-15.

REVENUE DEPARTMENT.

With reference to the Public Works Department note above, it is submitted that the department may be requested to state approximately when the Engineering College will be removed to Guindy and to put up the papers.

N.P.A.—7-12-15.
W.A.K.—8-12-15.

I don't think that is necessary.

D. N. STRATHIE—8-12-15.

I agree. As a matter of fact it will certainly be years—3, 4 or 5—before actual transfer takes place. Work nominally began last March, I believe, but the estimate is something like 17 lakhs : and execution will take years.

If the Public Works Department do not contemplate any other source from which to supply trained subordinates we can only accept Mr. Murray's conclusion that, for the present, reasonably competent minor irrigation overseers must be confirmed, irrespective of technical certificates of qualification. It would be useless to raise the pay of these posts, the supply *ex hypothesi* for these being deficient.

Honourable Member for perusal.

L. DAVIDSON—9-12-15.

I should like to see the file on the subject of increasing the number of admissions to the classes at the College of Engineering.

A. G. C[ARDEW]—12-12-15.

The file referred to by the Honourable Member has been obtained from the Public Works Department and is submitted (Public Works Department Memorandum No. 8788-C., dated 16th December 1915). Reference is solicited to pages 46-51 of the file.

N.P.A.—20-12-15.
W.A.K.—21-12-15.

D. N. STRATHIE—22-12-15.
L. DAVIDSON—23-12-15.

The very useful information collected in the notes leading to Public Works Memorandum No. 8788 C., dated 16th December 1915, shows that the number of students that can be admitted into the College of Engineering in its present premises is not sufficient for the needs of the Public Works Department, and that though, when the new College at Guindy is complete, the number can be raised, it will barely even then suffice for the requirements of the Public Works Department and such supplies as already go to the Revenue and Local Fund Departments. But the calculations appear to me to leave out of account the fact that the Revenue and Local Fund Departments do not at present get a sufficient supply of qualified candidates. I do not know whether things have changed for the better of late years in the Local Fund Department but it used to be very difficult to get and retain qualified and suitable upper and lower subordinates, and the Board's remarks in the present current file show clearly that the Minor Irrigation Department cannot get qualified men and has to be constantly granting exemptions. It is, therefore, very necessary to increase the supply of qualified candidates available for the Revenue Department and it is very likely that the same is the case in regard to Local Funds. If so, the fact that three or four years hence the College of Engineering, on its new premises, will be able to meet the requirements of the Public Works Department does not furnish a complete disposal of the problem, because the needs of the Minor Irrigation and Local Fund Engineering Departments remain to be considered. Moreover, is it not probable that the demand for qualified engineering subordinates from private employers, especially the great zamindars, will increase? The development of the Pumping and Boring Department, if it is transferred to the control of the Director of Agriculture, will also tend in the same direction, and it seems probable that by the time the new College of Engineering is ready, the demand for trained men will exceed its increased accommodation just as the present demands exceed those of the present college. There appears therefore to be good ground for examining further the question of starting at least one additional school outside Madras and preferably in the Telugu country to increase the outturn of lower subordinates. I should like this file sent to the Public Works Department for remarks with reference to Mr. Murray's note of the 12th instant.

B

Page 51 of Public Works Memorandum 8788 C., 16th December 1915.

A. G. C[ARDEW]—25-12-15.
~~L. D.—27-12-15.~~

PUBLIC WORKS DEPARTMENT.

Submitted.

2. With reference to **B** of the Honourable Member's note above the Revenue and the Local and Municipal Departments may perhaps be requested to collect statistics and find out—

(1) the average number of vacancies that occurred owing to casualties on account of resignations, dismissals, retirements, deaths, etc., during the last ten years in the Minor Irrigation and the Local Fund Engineering Departments in the whole Presidency;

(2) the average number of those vacancies that were filled by qualified candidates; and

(3) how far the supply fell short of the demand on the average.

C.R.—5-1-16.
T.V.N.—6-1-16.

W. G. MOLESWORTH—8-1-16.

I have spoken to the Honourable Member (Revenue) about this, and it was decided that, while the information indicated above was being collected, I should consult Mr. James about the general lines on which an additional, or subordinate, school in the Northern Circars should be started. Draft demi-official to Mr. James below.

S. B. MURRAY—23-1-16.

The draft demi-official below is forwarded to Educational for perusal before issue.

S.B.M.—24-1-16.

EDUCATIONAL DEPARTMENT.

Attention is solicited to the office notes and the discussions on the resolution regarding the establishment of an additional civil engineering school moved by the Hon'ble Rao Bahadur M. Ramachandra Rao at the meeting held on the 13th March 1915—pages 10 to 20 of papers with G.O. No. 466, Educational, dated the 1st May 1915. The Government, while recognizing the importance of providing further facilities for the training of civil engineers, suggested that the consideration of the question might be deferred to a more favourable opportunity. The resolution was accordingly withdrawn. There appears, however, to be no harm in asking Mr. James at present to report on the establishment of another school. The draft demi-official may, it is submitted, be perused and returned to the Public Works Department with thanks.

S.A.—31-1-16.
V.S.—31-1-16.

His Excellency for perusal.

P. RAJAGOPALA ACHARIYAR—2-2-16.

Is this in addition to the proposed Engineering School at Cocanada—or is it a different kind of school, which is contemplated?

P[ENTLAND]—3-2-16.

Submitted that the present proposal is to establish a school for the training of lower subordinate engineers, apart from the Mechanical Engineering School at Cocanada which is intended to impart instruction in Mechanical Engineering of the Elementary grade to the artizans—G.O. No. 121, Educational, dated the 27th January 1914. Arrangements are now being made by Mr. Tressler to start the Cocanada school.

S.A.—4-2-16.
V.S.—4-2-16.

The two are quite different.

P. RAJAGOPALA ACHARIYAR—6-2-16.

Thanks.

P[ENTLAND]—7-2-16.

Public Works Department n.o.

~~P.R.—8-2-16.~~

PUBLIC WORKS DEPARTMENT

The draft demi-official to Mr. James may be issued. After its issue, the file may be sent to Revenue for collecting the information indicated in this office note on pages 3 ante.

C.R.—9-2-16.
T.V.N.—9-2-16.

Issue the demi-official and then return the file to me. I should like to speak to His Excellency about it.

S. B. MURRAY—9-2-16.

Demi-official—from the Hon'ble Mr. S. B. MURRAY, Joint Secretary to Government, Public Works Department.
To—W. H. JAMES, Esq., Principal, College of Engineering.
Dated—the 9th February 1916.
No.—27-Ad.-2.

Some time ago we discussed the question of having one or more subsidiary engineering schools for the training of lower subordinates, and we decided that for some years at all events you would just be able to give us as many men as we wanted when the new College at Guindy had been opened. It has now been brought to my notice that the Revenue Department also look to the Engineering College for their minor irrigation establishment and that we are quite unable to give them the number of qualified men they require. This reopens the whole question, and I have been directed to ask you to prepare a general scheme for a school somewhere in the Telugu area. I am asking the Revenue Department to let me know their probable requirements and in the meantime you might go ahead in thinking out the general lines on which such a school would be run in conjunction with the Engineering College.

The demi-official has been issued and the file is resubmitted as ordered above.
T.V.N.—10-2-16.

Returned to office.
S.B.M.—11-2-16.

Submitted that the file may be sent to Revenue and Local and Municipal u.o. for collecting the information indicated on pages 3 and 4 ante.
T.V.N.—12-2-16.

S.B.M.—12-2-16.

REVENUE DEPARTMENT.

The information asked for in the Public Works Department note at pages 3 and 4 above is not available in this office. The Board may be asked to furnish the information. A draft official memorandum is submitted for approval.
K.A.M.—16-2-16.
W.A.K.—16-2-16.

A. H. A. TODD—17-2-16.

[Official Memorandum No. 1722-B/15-4, Revenue, dated 17th February 1916.]
The file should now go to Local and Municipal for collecting their share of the information desired.

A.H.A.T.—17-2-16.

Demi-official—from W. H. James, Esq., Principal, College Engineering.
To—the Hon'ble Mr. S. B. MURRAY, Joint Secretary to Government, Public Works Department.
Dated—Madras, the 5th April 1917.
~~*No.*—1014.~~

The information in regard to requirements of Revenue Department in the way of lower subordinates does not seem to be coming along, so I enclose a note herewith on subsidiary schools, based on assumption of 30 admissions per annum, which may perhaps serve your present purpose.

ENCLOSURE.

~~*Note by the Principal College of Engineering.*~~ *Subsidiary Engineer Schools for the Training of Lower Subordinates.*

Schools of this kind may be either—
(*a*) attached to the College of Engineering, Madras, and subordinate in their general administration to the Principal of the College; or
(*b*) independent institutions and subject only to the direct control of the Director of Public Instruction or Chief Engineer, Public Works Department.

I am of opinion that the first is the better arrangement, at any rate to start with and until there is some indication of the direction in which schools of this type are likely to develop. Under these conditions it will be possible to keep the teaching in line with that of the college and the existing arrangement of probationary classes with promotion to upper subordinate classes can be worked in combination without difficulty, either having open competition all through or, if Government consider it advisable in view of the probability that the central institution will attract a larger proportion of the more capable students and aided by necessarily

better instructional facilities swamp in open competition the smaller mufassal schools, there may be a guaranteed minimum number of places reserved for each school, the justification, of course, being "local requirements." The training of all upper subordinate students would be conducted at the colleges while students not selected for that class will follow on with the lower subordinate course at their own institutions.

The idea is that the responsibility for admissions, examinations and all general working arrangements would lie with the Principal of the College, who would also make transfers between the staffs to suit special circumstances and do everything necessary to maintain a close connection between the college and the schools, in this way guarding against the possibility of a small school away in the mufassal dropping to a low standard.

If, on the other hand, the second alternative is adopted, the Superintendent at least of each subsidiary school will have to be a more highly qualified and expensive officer and the general administration somewhat more complicated. It will be possible also in this case to send students from these schools to the college for higher training as upper subordinates, but it is easy to foresee the many difficulties that may arise under divided control.

It would, of course, be practicable to arrange these subordinate schools for the training of lower subordinates, pure and simple, and without the probationary classes, but that I would not recommend, as obviously under such conditions they would only attract very poor material in the way of students. Assuming it is decided to start in accordance with (*a*), for a school admitting 30 probationary students each year and passing ten on to the college for higher training as upper subordinates, giving in all a total of 80 or say 90 allowing for the failures, etc., the accommodation required, the initial cost and the recurring expenditure will be something as follows :—

Accommodation.

	SQ. FT.
Three drawing offices (each about 1,200 square feet.)	3,600
Two lecture rooms (each at least 20 × 20)	800
Model room and library	1,200
Superintendent's and assistants' rooms	400
Clerk's office	200
Instruments, stationery and store-rooms	800
Total	7,000

	RS.
A two-storied building costing say with land, workshop and out buildings.	35,000—40,000

Equipment.

	RS.
Surveying and other instruments	6,000
Workshop tools and fittings	3,000
School and office furniture	3,000
Library books, etc.	2,000
Models and other teaching appliances	2,000
	16,000

	Rs.	Rs.
Total initial cost	35,000	40,000
	16,000	16,000
	51,000 to	56,000

Recurring expenditure.

	Average. *Per mensem.* Rs.
Tutorial staff—	
One Superintendent Rs. 400—20—500	466
One Assistant Instructor: Supervisor, second grade	150
Two Assistant Instructors: Overseers, first grade	200
One Workshop Teacher and Instrument repairer	30
One Gymnastic Teacher (part time)	15
	861

155

	Rs.
Clerical Establishment and Peons.	
One head clerk	40
One assistant clerk and librarian and store-keeper	30
One attender	10
Two peons on Rs. 9 each	18
One peon „ 8	8
One „ „ 7	7
	113
Menial Establishment.	
One gardener	7
One night-watchman	6
One punkah-man	5
One sweeper	4
One scavenger	4
	26
Allowances, Supplies and Services and Contingencies.	
Travelling allowance of officers and establishment	100
Books and Maps (including prizes)	250
Surveying and other instruments	500
Workshop charges, repairs to instruments, etc.	500
Survey camp and Inspection Tour charges	500
Minor repairs to buildings	200
Games	50
Furniture and apparatus	200
Contingencies	300
	2,600

(NOTE.—No provision is made for general annual building repairs.)

Total annual recurring charges.

	Rs.
Tutorial staff 12 × Rs. 861	10,332
Clerical establishment 12 × Rs. 113	1,356
Menial establishment 12 × Rs. 26	312
Allowances, supplies, etc.	2,600
	14,600
Recurring expenditure—say	15,000

PUBLIC WORKS DEPARTMENT.

File please.

S. B. MURRAY—18-4-16.

The main file on the subject was sent to Revenue and Local and Municipal u.o., on 12th February 1916 with a request to collect information as to the demand and supply of upper and lower subordinates in the Minor Irrigation and Local Fund Departments. It has not yet been received back with the required information. It is proposed in the linked file to send a second reminder to the two departments.

C.R.—26-4-16.

T.V.N.—26-4-16.

W. G. MOLESWORTH—28-4-16.

S.B.M—28-4-16.

I am sorry we have not collected figures exactly on the lines asked for, but hope that those put up in the tables below will serve.

2. In 1915 local boards and municipal councils employed 417 overseers and sub-overseers between them. Taking the rate of decrement at 4·2* per cent, the number of vacancies to be filled annually is 18.

* This is very near the percentage arrived at in the notes to Memorandum 904, D., 15th May 1915.

3. At the same time there is likely to be a very large increase in the demand for officers of these grades in coming years. The increase in 1915 as compared with 1905 was 54·4 per cent. It will not be surprising if in the next ten years there is an increase in the demand of twice that percentage. Supposing the total number in 1925 to be about 850, the annual rate of decrement at 4·2 per cent or, in other words, the demand on the Engineering Colleges would be 35.

4. In addition, to judge by the number of applications for exemption received, there must be a fair number of posts filled by unqualified men.

5. There is no doubt also a certain amount of demand by private firms.

C. G. TODHUNTER—26-5-16.

STATEMENT showing the total number of Engineering officers employed by municipalities in 1905 and in 1915.

Serial number.	Name of municipality.	Engineers.		Overseers.		Sub-Overseers.		Remarks.
		1905.	1915.	1905.	1915.	1905.	1915.	
1	Anantapur	..	..	..	1	..	..	
2	Gudiyattam	..	..	..	(a) 1	..	..	(a) Water works.
3	Tiruppattur	..	..	1	1	..	..	
4	Tiruvannamalai	..	..	..	1	1	..	
5	Vaniyambadi	..	..	1	1	..	..	
6	Vellore	..	..	..	1	1	(b)1	(b) Temporary.
7	Walajapet	..	..	..	..	..	..	
8	Chidambaram	..	..	1	1	..	..	
9	Cuddalore	..	..	1	(c) 1	..	..	(c) Supervisor.
10	Adoni	..	..	(d) 1	1	..	..	(d) Temporary.
11	Bellary	..	..	..	(e) 2	1	..	(e) One for the removal of encroachment.
12	Hospet	..	..	..	..	..	1	
13	Mangalore	..	..	1	(f) 1	..	..	(f) Supervisor.
14	Chingleput	..	..	..	1	..	..	
15	Conjeeveram	..	..	..	1	..	..	
16	Tirupati	..	..	..	..	..	..	
17	Coimbatore	..	..	1	2	..	..	
18	Dharapuram	..	..	..	..	..	..	
19	Erode	..	..	(g) 1	1	..	..	(g) Unpassed.
20	Cuddapah	..	..	..	..	1	1	
21	Proddatur	..	..	..	..	..	1	
22	Berhampur	..	..	1	2	..	..	
23	Chicacole	..	..	1	1	..	..	
24	Parlakimedi	..	..	..	..	..	1	
25	Cocanada	..	..	1	2	2	..	
26	Peddapuram	..	..	..	..	1	..	
27	Rajahmundry	..	..	..	..	..	..	
28	Guntur	..	..	..	..	..	..	
29	Narasaraopet	..	..	..	..	..	..	
30	Ongole	..	..	..	1	..	..	
31	Tenali	..	..	..	1	..	..	
32	Bezwada	..	..	1	(h) 2	..	..	(h) One Supervisor.
33	Ellore	..	..	..	1	..	..	
34	Masulipatam	..	..	1	1	..	..	

Statement showing the total number of Engineering officers employed by municipalities in 1905 and in 1915—*cont.*

Serial number.	Name of municipality.	Engineers.		Overseers.		Sub-Overseers.		Remarks.
		1905.	1915.	1905.	1915.	1905.	1915.	
35	Kurnool	..	..	(*i*) 1	..	..	1	(*i*) Unpassed.
36	Nandyal	..	..	..	..	..	..	
37	Dindigul	..	..	..	..	(*j*) 1	1	(*j*) Unqualified.
38	Kodaikanal	..	..	..	..	..	..	
39	Madura	..	1	(*k*) 2	1	..	2	(*k*) One water-works overseer.
40	Palni	..	..	..	(*l*) 1	..	..	(*l*) Unpassed but technically qualified.
41	Periyakulam	..	..	(*m*) 1	(*m*) 1	..	..	(*m*) Uncertified.
42	Calicut	..	..	..	(*n*) 1	1	..	(*n*) Upper subordinate.
43	Cannanore	..	..	1	1	..	..	
44	Cochin	..	..	(*o*) 1	..	..	1	(*o*) Unpassed.
45	Palghat	..	..	..	(*p*) 1	1	..	(*p*) Supervisor.
46	Tellicherry	..	..	1	1	..	..	
47	Nellore	..	..	1	1	..	1	
48	Conoor	..	..	1	1	..	..	
49	Ootacamund	..	..	2	(*q*) 2	..	..	(*q*) One supervisor.
50	Srivilliputtur	..	..	..	..	..	..	
51	Virudupatti	..	..	..	..	..	..	
52	Salem	..	..	1	1	..	1	
53	Kumbakonam	..	..	1	1	..	..	
54	Mannargudi	..	..	..	..	..	1	
55	Mayavaram	..	..	..	..	..	1	
56	Negapatam	..	..	(*r*) 1	(*r*) 1	..	..	(*r*) Unqualified.
57	Tanjore	..	1	2	1	..	..	
58	Tiruvalur	..	..	..	..	..	1	
59	Pahamcottah	..	..	1	1	..	..	
60	Tinnevelly	..	..	..	(*s*) 1	1	..	(*s*) Supervisor.
61	Tuticorin	..	..	..	(*t*) 1	1	..	(*t*) Upper subordinate.
62	Kasur	..	..	1	(*u*) 1	..	..	(*u*) Passed the surveyor's test.
63	Srirangam	..	..	..	..	1	1	
64	Trichinopoly	..	..	1	1	..	..	
65	Anakapalle	..	..	1	1	..	..	
66	Bimlipatam	..	..	..	(*v*) 1	..	..	(*v*) Upper subordinate.
67	Vizagapatam	..	..	2	(*w*) 2	..	..	(*w*) One supervisor.
68	Vizianagram	..	..	..	..	1	1	
	Total	..	6	38	53	11	17	

STATEMENT showing the total number of Engineering officers employed by District Boards in 1905 and in 1915.

Number.	Name of district.	Number of District Board Engineers.		Number of Assistant Engineers.		Number of Overseers.		Number of Sub-Overseers.	
		1905.	1915.	1905.	1915.	1905.	1915.	1905.	1915.
1	Anantapur	1	1	..	1	..	1	6	8
2	Arcot, North	1	1	2	2	9	8	3	8
3	Arcot, South	1	1	1	3	6	8	2	5
4	Bellary	1	1	..	1	1	4	6	7
5	Canara, South	1	1	1 (supervisor).	2	3	7	5	6
6	Chingleput	1	1	1 ,,	2	..	9 (c)	7 (b)	3
7	Chittoor (e)	..	1	..	3	..	1	..	13
8	Coimbatore	1	1	1	4 (g)	4	7	12	10
9	Cuddapah	1	1	1	1	2	4	8 (n)	5
10	Ganjam	1	1	1 (supervisor).	2	4	8	8 (j)	11
11	Godavari	1	1	2	3	4	5	8	10
12	Guntur	1	1	3	4	2	3	12 (o)	13
13	Kistna	1	1	4	4	8	10	8 (k)	13
14	Koraput	..	..	..	..	2	2*+1	..	..
15	Kurnool	1	1	1 (supervisor).	2	3	5 (d)	3	7
16	Madura	1	1	4 (g)	3	2	4 (h)	9	13
17	Malabar	1	1	3	4	6	6	5	5
18	Nellore	1	1	1	2	2	5	8	7
19	Nilgiris, The	1	1	..	..	4	4	1	†
20	Ramnad (f)	..	1	..	2	..	3	..	13
21	Salem	1	1	1	3	8	11	3	3
22	Tanjore	1	1	3 (supervisors).	4	6	11	6	10
23	Tinnevelly	1	1	1	4	4	5	6	12
24	Trichinopoly	1	1	..	2 (i)	6	9	..	5 (m)
25	Vizagapatam	1	1	1 (supervisor).	3	8	9	1	13
	Total ..	22	24	32	61	94	150	127	205
	Number of officers expected to be employed in 1925 allowing for an increase of 25 per cent more than between 1905 and 1915.	24 + 2 = 26		61 + 36 = 97		150 + 70 = 220		205 + 97 = 302	
	Annual number of vacancies ..	3		15		33		45	

* No report received. Verified from Budget statement X.
† Head maistry 1.
(a) including one draftsman.
(b) excluding 4 temporary Overseers.
(c) excludes 5 temporary well overseers.
(d) the district was constituted in 1911.
(e) includes 2 Sub-Divisional Officers.
(f) includes 1 well overseer.
(g) formed in 1911.
(h) includes 2 draftsmen.
(i) includes 3 draftsmen.
(j) includes 1 Assistant Engineer employed with effect from 1st January 1916.
(k) .. 1 Sub-Overseer .. .. ..
(l) includes 1 draftsman.
(m) includes 2 draftsmen.
(n) includes 1 supervisor on Rs. 100—150.

REVENUE DEPARTMENT.

Proceedings of the Board of Revenue (Revenue Settlement), No. 1749, dated 4th September 1916.

The enquiry as to the average number of vacancies in the minor irrigation staff, the number of such vacancies filled up by qualified candidates etc. (vide Official Memorandum No. 1722-B/15-4, dated 17th February 1916) was made at the instance of the Public Works Department. The file may, it is submitted, be forwarded to the Public Works Department.

B.M.R.—28-9-16.
T.S.R.—28-9-16.

A. H. A. TODD—28-9-16.

PUBLIC WORKS DEPARTMENT.

Please see the Hon'ble Sir Alexander Cardew's note at pages 1 ante. With reference to this note,

(1) the Local and Municipal and Revenue Departments were asked to obtain statistics as to how far the supply of candidates from the College of Engineering falls short of the demand; and

(2) Mr. James was asked demi-officially to prepare a scheme for a subsidiary Engineering school somewhere in the Telugu area (Northern Circars).

2. The statistics called for from Local and Municipal and Revenue have been received and Mr. James has also forwarded certain proposals for starting a subsidiary school to admit of thirty students in the probationary subordinate class every year.

3. It will be seen from paragraph 2 of the Local and Municipal Department's note at page 1 ante that (calculated on the strength of overseers* and sub-overseers* employed in 1915 by local boards and municipalities) the number of vacancies to be filled annually is 18. In paragraph 3 of the same note it is stated that in the next *ten* years the strength of the establishment will become more than twice the number and that the demand on the Engineering College may therefore be taken to be 35. As it will not be possible to *foresee definitely* what will happen ten years hence, it seems that the present proposal may confine itself to the former figure based on the strength of the establishment in 1915, viz., 18 vacancies annually. From column 7 of the statement at page 40 of Memorandum No. 8788-C, dated 16th December 1915, it will be seen that on an average only six lower subordinates now take up employment in District Boards. Thus the supply falls short of the demand in this case by 18—6 or 12.

* Educational qualification prescribed for both the classes of appointments is lower subordinate test of the Engineering College.

4. With regard to the Minor Irrigation Department, it will be seen from column 4 of the statement ~~at pages 1, current file~~ that the supply falls short of the demand by 9 on an average every year. But in paragraph 4 of its reference (pages ~~current file~~) the Board states as follows:—

"The Board is not in a position to express an opinion whether the output of qualified men from the Engineering College is sufficient to meet the requirements of both the Public Works Department and the Minor Irrigation Department. It may be that the output is adequate and that the terms of emyloyment in the Minor Irrigation Department do not attract qualified men or it may be that the absence of attractive employment reacts on the number of students. The Chief Engineer may be consulted on the point."

It will be seen from the statistics given in the statement at page 40 of Memorandum No. 8788 C, dated 16th December 1915, and at **A** and **B** ante that it is a fact that the present output of the Engineering College is not sufficient to meet the requirements of the Public Works Department, Local Fund and Minor Irrigation Departments. Please see also ~~Under~~ Secretary's note at page 5 ante. The point at **X** may be a reason for not attracting good qualified men to the Minor Irrigation Department.

5. Thus the total number required to be supplied in the Local Fund and Minor Irrigation Departments is 12 + 9 or 21. In his proposals at pages ~~19~~ to ~~21~~ ante, Mr. James provides for a school admitting thirty probationary students every year. Of this number, Mr. James expects that ten will be found fit for higher training as upper subordinates at the end of the two years' probationary subordinate class course. These are it is proposed to be sent on for the purpose to the Engineering College at Madras. The remaining twenty, if they have obtained the required minimum number of marks, will be trained in the new school as lower subordinates during the third year. Thus the output of the new school will, after some time, be ten upper subordinates and twenty subordinates provided none of them fail. This proposal may, it seems, satisfy in a way for the present the demands of the Local Fund and the Minor Irrigation

Departments and it may perhaps be recommended in this department. The case may, if approved, be forwarded to the Home (Education) Department for consideration and issue of orders. They will no doubt consult the Director of Public Instruction.

6. In paragraphs 5 and 6 of its reference ~~(page 62, current file)~~ the Board of Revenue makes certain proposals for the reorganization of the Minor Irrigation staff. These will have to be considered in the Revenue Department. For this purpose a copy of these notes together with a copy of the Board's reference may be sent u.o. to that department.

A

C.R.—12-10-16.

The demand for lower subordinates taking account of the probable total vacancies per year in the Public Works Department, the Local Fund Department and the Revenue Department will be as shewn below :—

Department.		Probable number of vacancies to be filled up every year.
Public Works Department		50 * (exclusive of temporary surveyors.)
Local Fund Department		18 to 35 †
Revenue Department		20 ‡
Total ...		88 to 105

* Vide page 36 of Memo. 8788-C, 16th December 1915.

† Page ante.

‡ Column 2 of the statement ~~in appendix~~ to Board's reference

The number of students admitted into the probationary subordinate class since 1911, the number taken on to the upper subordinate class and the number passing out as lower subordinates are as shown below :—

Vide page 5 of Memo. 8788-C, 16th December 1915.

Year.	Number of admissions to the probationary Subordinate class.	Number taken to the Upper Subordinate class.	Number in Lower Subordinate class.	Number of Lower Subordinates who pass.
1911	77	38	29	28
1912	102	42	60	45
1913	111	46	65	55 §
1914	125	40	85	75 §
1915	124	40	84	75 §
Total ..	539	205	333	
	38 per cent.			

§ Number estimated to pass.

It will be seen from the above that about 38 or say 40 per cent of the students in the probationary subordinate class qualify for promotion to the upper subordinate class. Of the 60 per cent left over in the lower subordinate class, about 75 per cent ‖, come out successful in the final examination. It is observed from page 49 of the Notes with Memorandum No. 8788-C., dated 16th December 1915, that the Principal, College of Engineering, can give admission into the probationary class to 50 students more than at present, *i.e.*, 124 + 50 or roughly 180. Calculated on the above percentages, of the 180, 108 will remain in the lower subordinate class of whom 81 may pass out every year. Even this figure falls short of the total demand, viz., 88, which does not take into account the demand on account of temporary surveyors, demands from private parties, etc. There therefore seems to be a good case for opening an engineering school such as that proposed by Mr. James, which will provide admission for 30 students and train 20 of them for the lower subordinate course. The objection hitherto made to the opening of such an engineering school was that engineering education of any grade should be concentrated in large colleges—vide portion **A** on page 5 of the Notes to G.O. No. 466, Educational, dated 1st May 1915, which deal with a resolution brought forward in the Legislative Council meeting of March 1915, advocating the opening of an engineering school. A school as now proposed by

‖ Based on the results for 1911 and 1912.

Mr. James which will be subordinate in general administration to the Principal, College of Engineering, and be attached to that institution may not perhaps be open to so much objection. Educational will consider this view of this case and Financial will have to consider the financial aspect.

The questions raised in the reference from the Board of Revenue in regard to the reorganization of the minor irrigation staff are for consideration in Revenue, to whom a copy of the connected papers may be sent as proposed at A ~~above~~.

W.G.M.—1-11-16.
S.B.M.—3-11-16.

~~S.~~N.—21/23-10-16.

Submitted for orders.

W. G. Molesworth—1-11-16.

These notes show clearly the necessity for an additional engineering school in connection with the Engineering College. The question of the number of students to provide for can be met either by designing the school so that it can be enlarged when necessary, or else by having a second school in some other part of the Presidency.

S. B. Murray—3-11-16.

Home (Education) Department.

This proposal to establish an additional engineering school has not yet been seen by the Director of Public Instruction. Submitted that the papers may be forwarded u.o. to him for remarks in the first instance.

P.R.—12-11-16.
N.K.—16-11-16.

C. Ramanuja Achariyar—17-11-16.
P. Rajagopala Achariyar—18-11-16.

Office of the Director of Public Instruction.

Mr. James's estimate for accommodation, staff, etc., does not seem extravagant though I think it likely that if such a school as he proposes were established it would be found capable of dealing with more than thirty students (yearly admissions) if they were wanted. The proposal to transfer men for the upper subordinate course to Madras seems a good one, but I do not think that it necessarily involves putting the school under the administrative control of the college as he suggests. There is something to be said for putting the school under a good man and giving him a good deal of responsibility, e.g., in the matter of admission. Local Public Works Department officers might exercise some supervision and if the school were at Dowlaishweram, a place that seems indicated, there would be no lack of such officers. The College Principal and staff might also make a thorough annual inspection.

J. H. Stone—25-11-16.

Home (Education) Department.

The Director supports the proposal to open an Engineering school in the Telugu country but does not consider that the school, if opened, should be under the control of the Principal of the College of Engineering. In their report on technical institutions, Lieut.-Col. E. H. deV. Atkinson and Mr. T. S. Dawson recommended that Engineering education of every grade should be concentrated when possible in large colleges. It was in view of this recommendation and of the fact that when the new Engineering College buildings are completed, it would be possible to admit more students for instruction, the Government opposed the resolution moved in March 1915 by the Hon'ble Mr. Ramachandra Rao for the establishment of an additional Engineering school. At the same time they kept an open mind and agreed that it would be possible to consider the suggestion when funds become more plentiful.

Page 11 of G.O. 466, 1st May 1915.

Page 16 ibid.

Page 18 ibid.

2. It is for consideration whether a change in the policy hitherto pursued may not be deferred till some experience has been gained of the working of the Engineering College after its removal to the new buildings at Guindy. Besides the Public Works Committee recently appointed by the Government of India may have useful suggestions to make on the nature of the instruction to be given in Engineering Colleges and schools, and it may, perhaps, be advisable to await the recommendation of the Commitee.

3. Mr. James estimates the initial cost of opening a new school at a figure varying from Rs. 51,000 to Rs. 56,000 and the recurring charges at Rs. 15,000. It is doubtful whether, in present circumstances, Financial will be able to provide the requisite funds.

N.K.—10-12-16.

It is admitted so far that further facilities for training Engineering subordinates are necessary. The actual working of the new Engineering College need not be awaited to decide definitely the above point. It is for the Public Works Department to say whether the deliberations of the Public Works Committee will affect the present question. No doubt financial considerations will not admit of any immediate outlay on the scheme; but the scheme may be developed in the meanwhile.

I agree.
P.R.—13-12-16.

Quite so. A
P.R.—13-12-16.

Yes.
P.R.—13-12-16.

The only question then for consideration is the location of the school. The Director of Public Instruction is the only officer who advises its location away from the Engineering College. The Hon'ble Sir Alexander Cardew seems also to favour it—page 2 supra. It is, however, against the principle enunciated by Messrs. Atkinson and Dawson and the recommendation of the Principal of the College, which is apparently accepted by the Chief Engineer.

I agree with the Director of Public Instruction.
P.R.—13-12-16.

C. RAMANUJA ACHARIYAR—12-12-16.
P. RAJAGOPALA ACHARIYAR—13-12-16.

PUBLIC WORKS DEPARTMENT.

The point for consideration in Public Works Department in this file is that at A above.

2. The scope of the work of the Public Works Department Reorganization Committee is to inquire into and report generally upon the organization and the system of administration of the Buildings and Roads Branch of the Public Works Department with special reference to the question of entrusting the execution of works appertaining to that Branch to agencies other than departmental, such as private Engineering firms and contractors, and local bodies. What the recommendations of the Committee will be cannot be foreseen, but supposing that they will involve the transfer of any considerable number of works to the other agencies referred to above and consequently to reduction in the present staff of the Public Works Department, the demand for subordinates will presumably not be affected, as the services of those not required by Government owing to the transfer of the works will then be required by the new agencies.

3. The Committee is also to consider whether the system of education in Government Engineering Colleges is organized on a sufficiently broad basis to provide duly qualified Civil Engineers (and presumably subordinates also) for employment by Government, local bodies and private agencies, and, if not, to suggest improvements. As at present the outturn of the Civil Engineering College is insufficient to meet all the above requirements the present proposal to open a school for the training of additional lower subordinates will not be in conflict with the objects of the committee.

4. It would therefore appear that the proposal in this file may be proceeded with, without waiting for the recommendations of the Committee.

R.K.—15-12-16.

G. D. PLUMMER—16-12-16.

W. G. MOLESWORTH—16-12-16.

We must not hide away this proposal behind the Public Works Department Reorganization Committee. It will be safe to assume that the findings of that Committee will not reduce the number of Engineering subordinates required by Government or local bodies, or the size and scope of the Engineering College. We can therefore go ahead in working out a scheme for a subsidiary school.

2. Personally I attach importance to such a school—or schools—being under the direct control of the Principal of the Engineering College. The training and education to be given there should be on parallel lines with those at the parent college, and this will not be effected if each school is run as a semi-independent Educational centre.

I do not like the idea of local Public Works Department officers exercising some supervision. We are full-time engineers, not schoolmasters.

S. B. MURRAY—18-12-16.

HOME (EDUCATION) DEPARTMENT.

Submitted for orders on the issue raised on page ante as to the location of the school. Orders are solicited whether the remarks of the Financial Department may be invited, before circulation of the file, on the financial aspect of the case with reference to paragraph 3 of office-note on page of these notes.

P.R.—21-12-16.

N.K.—29-12-16.

The question of the location of the school has apparently to be first decided upon.

C. RAMANUJA ACHARIYAR—3-1-17.

Yes: ask the Director of Public Instruction about it please with reference to the Public Works note ~~at page~~ above. Let a clear demi-official issue.

P. RAJAGOPALA ACHARIYAR—8-1-17.

A draft demi-official is submitted for approval.

P.R.—8-1-17.

N.K.—10-1-17.

C.R.—11-1-17.

P.R.—15-1-17.

Demi-official—from the Hon'ble Diwan Bahadur P. RAJAGOPALA ACHARIYAR Avargal, C.I.E., Secretary to Government, Home (Education) Department.

To—the Hon'ble Mr. J. H. STONE, M.A., C.I.E., F.R.H.S., Director of Public Instruction.

Dated—the 16th January 1917.

No.—4712-1/16.

Please refer to your unofficial note No. 211 of the 25th November last, copy enclosed, on the subject of the establishment of a subsidiary Engineering school for the training of lower subordinates. Mr. Murray considers that the training and education to be given in the school should be on parallel lines with those at the parent college and that this will not be effected if each school is run as a semi-independent educational centre. He does not like the idea of the local Public Works officers exercising supervision over the school as they are full-time engineers and not schoolmasters. He therefore thinks that the proposed school should be under the direct control of the Principal of the Engineering College.

I am desired to ask you to consider the above remarks and advise Government as to the most suitable place for the location of the school and the arrangements to be made for its management. A copy of Mr. James' note on the subject is enclosed.

Demi-official—from the Hon'ble Mr. J. H. STONE, M.A., F.R.H.S., C.I.E., Director of Public Instruction.

To—E. A. HARVEY, Esq., I.C.S., Acting Secretary to Government, Home (Education) Department.

Dated—the 23rd February 1917.

No.—35.

Referring to Diwan Bahadur P. Rajagopala Achariyar's demi-official No. 4712–1 of 1916, dated 16th January 1917, regarding the establishment of a subsidiary Engineering school for the training of lower subordinates, I enclose herewith a copy of Mr. James' letter R.C. No. 758 of 1916 dated 13th February 1917, with an expression of concurrence in his proposals. Provision for the residence of students should certainly be made and therefore for a sufficient proportion of the staff for supervision of hostels.

ENCLOSURE.

Letter—from W. H. JAMES, Esq., Principal, College of Engineering.

To—the Hon'ble Mr. J. H. STONE, M.A., F.R.H.S., C.I.E., Director of Public Instruction.

Dated—the 13th February 1917.

No.—R. C. No. 758 of 1916.

With reference to your Proceedings C. No. 731 of 1917, dated 30th January 1917, I have the honour to make the following suggestions in regard to the proposed subsidiary Engineering school.

2. I gather that it is the establishment of only one school that is being considered, and in view of the more urgent demand it seems desirable that the first school should be in the northern part of the Presidency.

3. The chief considerations in regard to the place where it should be established are (*a*) healthiness of locality, (*b*) facilities for out-door work, (*c*) accessibility from the districts it is intended to serve. The principal centres in any way suitable appear to be Bezwada, Masulipatam, Rajahmundry, Cocanada and Vizagapatam, and I favour the last named. As regards the accessibility, allowing that Madras will serve the country this side of the Kistna, then Vizagapatam is almost halfway beyond to the northern limits of the Presidency, and it is on the main railway line. Its advantages in other respects are manifest, and especially in that the neighbourhood of Waltair is particularly suitable country for the out-door surveying, which must necessarily constitute the leading feature of the work of such a school. It is a factor of some importance also that other educational institutions such as the Medical School, Government Training School, Mr. A. V. Narasinga Rao's College, Vizagapatam Technical Institute, etc., are already established in or near the town and will afford some opportunity of inter-school life. It is quite near enough important Civil Engineering Works for visiting purposes, and the railway workshop near at hand will help to bring the students into touch with the actualities of Mechanical Engineering, and the further possibilities of the place when the harbour works are taken in hand it is not necessary to dwell on.

4. It would simplify matters with the school under the direct control of the Principal if it is treated as an integral part of the College. The head of the school, who may be termed the Superintendent, should be in the position of a member of the College staff, and correspond only with the Principal except in dealing with matters of routine such as visits to local works, etc. The Principal would keep in close touch with the work of the school by a system of periodical reporting and by making visits of inspection from time to time.

5. The extra teaching staff might be recruited precisely as at present from the Public Works Department, the cadre of that Department in the several grades being increased by the number required, postings and transfers as between the College and the Branch school being left to the Principal.

6. It is proposed that the office staff of the Superintendent should consist of a headclerk and an assistant clerk, the latter also looking after the library, but the extra work of correspondence, etc., would necessitate the addition to the clerical staff of this college of a clerk on about Rs. 30.

7. All returns, indents, etc., should be submitted to the Principal, either for incorporation with those of the college or for scrutiny before being sent to the officers concerned.

8. Provision for Europe stores, library books and prizes, etc., could be made in the College budget, which would be increased under particular heads to the extent required, and consolidated indents sent for execution.

9. Establishment, scholarship, contingent and travelling allowance bills should be countersigned by the Principal before being presented at a Treasury for payment, except that the Superintendent, a Gazetted officer, would draw his bill direct.

10. Fees would be collected by the Superintendent by dates specified and paid into the nearest Government treasury. Sums collected on account of students deposit for instruments, etc., would be transferred here for payment to credit of General Students Deposit account with the Bank of Madras.

11. The rules relating to the courses of instruction and admission would be the same, so far as they are applicable, as those of the College. It is proposed that admissions should be made by the Principal, possibly in consultation with the Superintendent. The examinations would be the same as those for the corresponding classes in the college, and the marking done by the members of the college staff. Marks for practical work would necessarily have to be awarded by the school staff, and this is a matter that would call for close attention on the part of the Principal.

12. Another point to be considered is whether the school is to be residential. If so, the expenditure on Hostel buildings and Superintendent's quarters would add considerably to the cost of the scheme.

HOME (EDUCATION) DEPARTMENT.

The Principal of the Engineering College and the Director of Public Instruction recommend the establishment of the proposed Engineering school at Vizagapatam. The Director apparently sees no objection to the school being placed under the administrative control of the Principal of the Engineering College.

Page 13 of G.O. 724, Educational, 3rd July 1916.

2. The following statement shows the number of probationary and lower subordinate students who attended the College of Engineering in 1915–16 from the principal Telugu districts :—

Ganjām	...	...	4
Vizagapatam	...	...	5
Gōdāvari	...	...	33
Kistna	...	...	32
Guntūr	...	...	7

Judging from the number of students alone it would appear that the school should be located either at Dowlaishwaram or at Bezwada. Before the proposal to establish the school at Vizagapatam is approved, the remarks of the Public Works Department may, it is submitted, be invited. It is also for consideration whether the Collectors of the districts concerned should be consulted in the matter.

3. The estimates furnished by Mr. James on pages 19–21 ante are apparently only rough estimates and it appears desirable to call for detailed proposals to ascertain accurately the financial effect of the scheme. The question of the construction of hostels and warden's quarters may perhaps be considered after the school has been opened and some experience gained of its working. The Director of Public Instruction may also be asked to institute enquiries whether a suitable private building can be rented for the location of the school to begin with. In any case, it is doubtful whether it will be possible to give effect to the scheme till the war is over and the financial situation improves. On this point, the remarks of the Financial Department may be invited.

N.K.—10-3-17.

Please see page 10 above. The difficulty raised against the school being located elsewhere on the score of its losing the higher ideals which its proximity to the college would otherwise secure for it is now not pressed and is got over by the school being placed under the Principal of the College and being considered as a branch of it, though located elsewhere. There is thus no more objection to a school in the northern districts.

The next point is the selection of the place—Vizagapatam or Gōdāvari. The latter has the Government Arts College and the new training College, while the former has the Medical school. The Principal prefers Vizagapatam. The Public Works Department may be requested to advise on this point.

The other questions relating to details may be reserved for later consideration.

C. RAMANUJA ACHARIYAR—12-3-17.

As regards location it seems to me that there is much to be said in favour of Dowlaishwaram, both as being more central for the main body of the students and offering many of the other advantages claimed by Mr. James for Vizagapatam. Public Works Department will doubtless take into consideration the merits of all the places named.

E. A. HARVEY—13-3-17.

PUBLIC WORKS DEPARTMENT.

Submitted. The file was last seen by the Secretary on 18th December 1916—vide note at page 43 ante. The point on which the opinion of the Public Works Department is now asked for is as to the centre where the new Engineering school should be established—vide notes at page 47 et. seq. ante.

O.C.N.—15-3-17.

W. G. MOLESWORTH—15-3-17.

I know all the sites proposed, and taken all round I think Vizagapatam is the best of them.

S. B. MURRAY—20-3-17.

HOME (EDUCATION) DEPARTMENT.

The Public Works Department agree with the Principal that Vizagapatam is the best place for the school. Orders are solicited as to whether this may be approved.

I agree.
R.R.—1-5-17.

2. The next step to be taken is the calling for detailed proposals to ascertain accurately the financial effect of the scheme—please see paragraph 3 of the office-note on pages 50 and 51 supra. Before this is done, the scheme in general has to be approved and accepted by Financial. Before circulation, the file may be sent to Financial Department.

S.A.—25-4-17.
N.K.—27-4-17.

C.R.—29-4-17.
R. RAMACHANDRA RAO—1-5-17.

FINANCIAL DEPARTMENT.

Please see the Honourable Member's note on page 5-7 ante in which he directed that the question of starting at least one additional school outside Madras and preferably in the Telugu country to increase the outturn of lower subordinates should be examined, in view of the fact that the number of men now turned out by the College of Engineering is not sufficient to meet the demands of the Public Works Department, the Revenue and the Local Fund departments. The necessity for establishing this school, which is quite different from the one to be shortly opened at Cocanada, has been fully examined in the notes of the Public Works Department on pages 29-36 ante; and the rough details of a scheme formulated by the Principal of the College of Engineering will be found on pages 16-21 ante and 46-49 ante. It will be seen that the scheme is expected to involve a recurring expenditure of Rs. 15,000 per annum, and a non-recurring expenditure of from Rs. 51,000 to Rs. 56,000 plus outlay on construction of hostels and Superintendent's quarters, the amount of which is not known. The school is to be located at Vizagapatam, and Public Works Department and Home (Education) Department are in favour of the scheme.

A | It is now proposed to call for detailed proposals so as to ascertain accurately the financial effect.

166

2. When detailed proposals are received and the scheme has been definitely approved by Government, it will have to be examined in order to see whether it is of such *imperative urgency* that it should be immediately given effect to. Meanwhile the proposal at A need not, it is submitted, be objected to in Financial.

A.S.—12-5-17.

L. E. KERSHAW—14-5-17.
L. DAVIDSON—15-5-17.

HOME (EDUCATION) DEPARTMENT.

Honourable Member (Mr.) also may like to see as he has once noted at length.
R.R.—20-5-17.

The file may now be submitted to His Excellency and the Honourable Member (Public Works Department).

2. Attention is in this connection solicited to paragraph 5 of India's letter No. 274, dated the 23rd March 1917, containing that Government's comments on the suggestions made with reference to the report by Lieut-Col. Atkinson and Mr. Dawson on the relations of technical institutions and employers of labour in India. In this paragraph dealing with the question of the establishment of separate institutions for the training of higher and lower grades of students in Civil Engineering, they say that the existing system must for the present be maintained pending the results of any further enquiry that may be made in connection with engineering education generally. There appears, however, to be no objection to calling for detailed proposals for the establishment of a school at Vizagapatam.

S.A.—17-5-17.

N.K.—17-5-17.

The difficulty is sought to be got over by the school being placed under the Principal of the Central Engineering College at Guindy and being considered a part of it.

C. RAMANUJA ACHARI—18-5-17.

The present proposals are for the starting of an Engineering school at Vizagapatam under the superintendence of the Principal, College of Engineering. If these are approved, it is intended to call for details.

R. RAMACHANDRA RAO—20-5-17.

The school is required and may be approved, but I am not at all sure that it should be placed under the Principal of the College of Engineering. The latter point may, if necessary, be discussed in Council.

H. F. W. G[ILLMAN]—21-5-17.

I agree: and I share Mr. Gillman's doubts: and on this point I should be glad to have the Director of Public Instruction's views in greater fullness.

P[ENTLAND]—25-5-17.

Nearly one and a half years have elapsed since I noted on this subject on 25th December 1915 and the advance made in that long period of discussion seems to me to be thoroughly inadequate. I hope that the matter will now be pushed on with more expedition. A draft may, I suggest, be at once prepared approving of the establishment of the proposed school at Vizagapatam and calling on the Director of Public Instruction to report at an early date as to the establishment required for the school, and in this connection he should especially deal with the question of the control of the school. The suggestion that it should be under the *direct control* of the Principal of the College of Engineering seems to me quite impracticable. The Principal of a large College cannot directly control a school some hundreds of miles away without serious detriment to both institutions. He may, of course, exercise general supervision over the scope of the teaching in the school and by occasional visits take steps to see that the working of the school is in harmony with that of the college, but the words 'direct control' seem to me to be quite inapplicable to any

practicable arrangement. Nor can the local Engineering officers, who have much touring and inspection to do, look after the school. It must have a Superintendent of its own, I think, who should not be regarded as an integral part of the college staff, as Mr. James suggests. The Director of Public Instruction will no doubt be invited to deal with these points.

As soon as the Director's reply is received, it can be considered whether the school cannot be at once started in rented premises. This is the course taken when a new medical school was required. That school was actually at work within three months of the project being first put forward. I hope the Educational Department will see whether it can equal that achievement!

Meantime orders might be issued in the Public Works Department directing the preparation of plans and estimates for the school buildings and instructing the local Public Works Department officers to select a suitable site in communication with the Educational Department and to report as soon as possible what site is selected and whether it is available or has to be acquired.

A. G. C[ARDEW]—26-5-17.

Draft order is submitted for approval. It may be sent to the Public Works Department for acceptance.

2. For orders whether Government Order may be placed on Editors' Table.

N.K.—28-5-17.

For approval. May be placed on Editors' Table (omitting paragraphs 3 and 4).

C. RAMANUJA ACHARIYAR—28-5-17.

Draft for approval.

R. RAMACHANDRA RAO—29-5-17.

P[ENTLAND]—30-5-17.

A copy of the draft revised as approved by His Excellency is attached to the file.

(By order)

T. E. MOIR—30-5-17.

Issue.

R.R.—31-5-17.

It is regretted that, through oversight, the draft was not sent to the Public Works Department for acceptance as originally intended—please see paragraph 1 of office-note ~~on page 59~~ supra. Submitted that the file may now be forwarded to that department u.o. for acceptance of paragraph 4.

S.A.—2-6-17.

N.K.—2-6-17.

E. A. HARVEY—2-6-17.

PUBLIC WORKS DEPARTMENT.

Please see the notes from page 53 ante. Paragraph 4 of the draft order may be accepted in this department and the file returned to Educational. That department may be requested to send a copy of the notes when communicating the Government Order. On receipt of the Government Order with notes action will be taken in this department in regard to the preparation of plans and estimates for the building and for selecting a suitable site for the same.

W.B.S.—5-6-17.

K.G.—6-6-17.

D. MARSHALL—6-6-17.

S. B. MURRAY—7-6-17.

[G.O. No. 722, Home (Education), dated 31st May 1917.]

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Home (Edn.) DEPARTMENT.

31 MAY 1917

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168

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