GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

8th February 1881, No. 97 I.

Irrigation.
~~Account.~~ Establishment

Read the following papers:—

No. 10. Despatch from the Most Honorable the Secretary of State for India.

Public Works, No. 1.

INDIA OFFICE, LONDON, 6th January 1881.

SIR,—Herewith is forwarded, for the information and guidance of your Excellency's Government, copy of a Despatch,* with enclosures, which I have this day addressed to the Government of India regarding the affairs of the Madras Irrigation and Canal Company.

*No. 2.

2. With reference to paragraph 5 of this Office letter to the Chairman of the Company, of 6th November last, you will perceive that, though no pledge has been given that the engineers and staff employed by the Company on their works in India will be retained by your Government in the event of the purchase being carried out, it is stated that the question of such retention of their services shall be brought to your attention.

3. I have to request, therefore, that you will take this matter into your consideration and communicate further with me on the subject.

I have, &c.,
(Signed) HARTINGTON.

His Excellency The Right Honorable
The Governor in Council, Fort St. George.

Despatch from the Most Honorable the Secretary of State for India, to His Excellency the Most Honorable the Governor-General of India in Council, dated London, 6th January 1881, No. 2, Public Works.

MY LORD MARQUIS,—As it is desirable that your Lordship should be fully informed as to the steps which I am taking with a view to the Madras Irrigation and Canal Company's works, &c., being transferred to Government, I enclose copies of correspondence* which has recently passed between this Office and the Chairman of the Board of Directors of the Company. The terms proposed in this Office letter of 6th November last have been, as you will perceive, accepted by the Board, subject to the approval of the shareholders and of the debenture or mortgage holders; and I hope soon to be able to inform your Lordship that the arrangements are progressing satisfactorily.

* Letter from the Right Honorable E. P. Bouverie, dated 2nd October 1880.
Do. to do. dated 6th November 1880.
Do. from do. „ 19th „ „

2. The completion of the transfer will, in any event, occupy some considerable time, but, should no unforeseen opposition arise, it may be expected to be carried out before the middle of this year.

3. I take this opportunity of referring to your letter, dated 3rd August 1880, No. 81 P.W., as to certain items disallowed in the Capital Balance Sheet of the Madras Irrigation and Canal Company to the 30th of June 1879, for the recovery of which you recommend that steps should be taken by me; and also to your later letter, dated 2nd November 1880, No. 98 P.W., relating to the same matter. The claims of Government in respect of these items, and indeed all other claims whatever of Government against the Company, are merged in the arrangement embodied in my letter of the 6th November, of which I now send you a copy.

4. It will not escape your Lordship's notice that these transactions may entail considerable modification of the bill relating to the navigation of the Company's canals, which your Lordship has transmitted to me.

I have, &c.,
(Signed) HARTINGTON.

ENCLOSURES.

No. 1.

MANOR HOUSE, MARKET LAVINGTON,
2nd October 1880.

SIR,

HAVING regard to the unsatisfactory position of the Madras Irrigation Company and its affairs, and the communications recently received by the Board of the Company from the Secretary of State for India in Council adverting to that position, I beg leave to lay before the Secretary of State, on the part of the Board, and as their Chairman, the following proposals, with a view to winding up the Company forthwith, and the transfer of its property, &c., to the Government of India :—

1. That, subject to the assent being obtained by the Board, of the majority of the stockholders and of the mortgagees respectively, the whole undertaking and property, stock, materials, &c., now in the possession or under control of the Company, be transferred by Act of Parliament to the Secretary of State for India.
2. That for each 100*l.* of the Capital stock of the Company the Government of India should pay 106*l.*, with interest at the rate of 5 per cent. from the last day of payment of interest under the existing Act of Parliament up to the day of actual payment.
3. That for each 100*l.* of principal of mortgage debenture, due by the Company, the Government of India should pay 75*l.*, with interest at the rate of 4 per cent. from the day of the agreement being signed for the transfer, by or on behalf of the Secretary of State for India, and by or on behalf of the Board of the Company.
4. That a sum of 12,000*l.* be paid to the Board for compensation to their officers and clerks and to themselves for the loss of their offices and emolument. The Board would also stipulate, without inserting these two particulars, on the formal agreement for an assurance by official letter :—
   1. That it is the intention of the Secretary of State to continue to employ the Engineer now employed by the Company in Madras, with his staff; and
   2. That the necessary legal expenses of the Board, in carrying the above agreement into effect, shall be allowed as part of the current expenses payable and to be paid by the Government of India.

I am, &c.,
(Signed) E. P. BOUVERIE.

The Under Secretary of State for India.

No. 2.

INDIA OFFICE,
6th November 1880.

SIR,

I AM directed to inform you that the Secretary of State for India has had under his consideration in Council your letter, dated the 2nd ultimo, making a formal proposal on behalf of the Board of the Madras Irrigation and Canal Company, for the transfer of the property of that Company to Her Majesty's Government, on certain terms and conditions which are specified in your letter.

In reply, I am directed to acquaint you that, after a full and careful consideration of all the circumstances connected with the affairs of the Company, Her Majesty's Government are prepared to accept the transfer to themselves of the whole undertaking of the Company, its property, stock, and effects, upon the terms and subject to the conditions following, viz. :—

1. That the transfer, and the whole of the proposed arrangement, receive the sanction of an Act of Parliament, or are otherwise carried out so as to be legally binding upon the Madras Irrigation and Canal Company and its stockholders, and also on the holders of the mortgage debentures which have been issued by the Company.

2. That on the transfer being completed, the Secretary of State will, for each 100*l.* of the Capital stock of the Madras Irrigation and Canal Company, pay 106*l.*; continuing up to the date of payment of the 106*l.* but no longer, to pay interest at the rate of 5 per cent. per annum on each 100*l.* of the Company's stock.

3. That, on the transfer being completed, the Secretary of State will, in redemption of the mortgage debenture debt due by the Madras Irrigation and Canal Company, pay 75*l.* for each 100*l.* of principal of the mortgage debentures, with interest at the rate of 4 per cent. per annum on each 75*l.*, from the 1st day of November 1880, until such amount of principal is paid. The 75*l.* thus paid is to be received by the holders of the mortgage debt (on their giving up their securities) as in full discharge of all claims whatsoever by them for principal and interest and otherwise, against the Madras Irrigation and Canal Company, and in full discharge of all claims, if any, against the Secretary of State.

4. That on the transfer being completed and everything done which may be reasonably required by Government, the Secretary of State will pay to the Directors and Chairman of the Madras Irrigation and Canal Company, the sum of 12,000*l.* as compensation to their officers and clerks and to themselves for their loss of office and emoluments. No further or other compensation will be given by the Secretary of State to any one in the service of or in any way connected with the Company.

5. That the Secretary of State will give no guarantee as to the engineer and staff employed by the Company in India. But the Secretary of State will request the Government of Madras to take into consideration the advisability, should it be practicable, of retaining under Government, the services of the engineer and such of the staff as are employed, at the period of the transfer, on the works of the Company in India.

6. That in case the proposed transfer be carried out, the Secretary of State will undertake the responsibility of discharging all legal expenses which he may consider to have been necessarily and properly incurred by the Company in carrying out the transfer.

7. That the Chairman and Board of Directors will proceed actively in the matter, and will at once take measures to obtain the consent of the shareholders and the holders of the mortgage debentures, and the sanction of the Court in the suit of Wood *v.* the Company, and to have the proposed arrangement carried out with the least possible delay. The Company and all its officers will render every facility and assistance in their power in carrying out all such measures as may to the Secretary of State seem necessary towards completing the transfer.

8. That if the Secretary of State shall be unable to have the transfer in all respects fully completed before the termination of the next Session of Parliament, the proposed arrangement shall be at an end, and the Secretary of State shall no longer be in any way bound by it.

I have, &c.,
(Signed) ENFIELD.

The Right Honorable E. P. BOUVERIE.

No. 10-A. Despatch from the Most Honorable the Secretary of State for India.

Public Works,
No. 2.

INDIA OFFICE, LONDON,
6th January 1881.

SIR,—With reference to my Despatch, No. 1, dated this day acquainting you with the terms on which Her Majesty's Government had expressed their willingness to accept the transfer to themselves of the property of the Madras Irrigation and Canal Company, I have to inform you that, though under paragraph 5 of this office letter of the 6th November last, it is open to your Government to take into your service such servants of the Company in India as appears to you desirable, I have been given to understand that the only servants on behalf of whom the Board of Directors have made the request for transfer to Government service are Mr. Latham, the Chief Engineer, and Mr. Wilks, a Divisional Engineer on the works.

2. Your Government will of course take care that, pending the termination of the present negotiations and under the terms of my Public Works Despatch to the Government of India, No. 24, dated 12th August last, a copy of which I conclude has been furnished to you, the canal suffers no detriment even should there not be sufficient revenue funds to meet the current expenses of the works.

I have, &c.,
(Signed) HARTINGTON.

His Excellency the Right Honorable
The Governor in Council, Fort St. George.

No. 11. ORDER THEREON, 8th February 1881, No. 97 I.

COMMUNICATED to the Chief Engineer for Irrigation who will prepare and submit to Government a statement showing the establishment which he may consider necessary for the supervision of the Madras Irrigation and Canal Company's Canal on its transfer to the Secretary of State being completed.

(True Extract.)

(Signed) JOHN MULLINS, Colonel, R.E.,
Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

To the Chief Engineer for Irrigation.

Exd. E. C. Shunker.
Spare Copies

IRRIGATION.
ACCOUNT.

Govt. of {1881} Madras.

PUBLIC WORKS.

To

THE CHIEF ENGINEER FOR IRRIGATION.

Dated February, 8th.

Issued

Recd. *Encl.*

G. O., 8th February 1881, No. 97 I.

FEBRUARY.

Nos. 10-11.

Transfer of the Madras Irrigation and Canal Company's Canal to Government.—Correspondence on the subject of the —, communicated to the Chief Engineer for Irrigation for submission of a statement of the establishment required for the supervision of the canal.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

No. 1,697 W.

No. 9.

FROM

THE SECRETARY TO THE GOVERNMENT OF MADRAS,
Public Works Department,

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
Public Works Department.

SIR,—I am desired, in reply to your letter, No. 681 G., dated 5th May 1881, having reference to the normal strength of establishment for the Public Works Department in this Presidency, to state that the Government very thankfully accept the scale and the general arrangement into six Superintending Engineers' Circles as suggested by the Government of India, though as regards the former some additions have recently shown themselves to be necessary, and as regards the latter, local circumstances require slight modifications which will be immediately explained.

2. There is now, I am to observe, no further discussion as to the appointment of Superintendents of Works for—

(1) Vizagapatam and Ganjam Divisions,
(2) the Godávari Delta, do.
(3) the Kistna Delta, do.
(4) the Buckingham Canal,
(5) the Presidency including Bangalore;

but one officer of this class will still remain, viz., the Consulting Architect assented to under paragraph 3 of your letter, No. 1,918 G., dated 4th November 1880.

3. It is also a matter of question with this Government whether the important station of Bangalore should not again be formed into a separate division, in case the new Army Organization Scheme be carried into effect, as it would then in all probability become Army Head-quarters for the Presidency. For the present, however, no immediate change seems necessary.

4. With reference to the additions required to the scale as originally sent up, I am in the first place to note that (1) the Madras Irrigation Company's Canal (soon about to be taken over) and the Sungum Project sanctioned by the Government of India in their letter, No. 188 I., dated 6th May 1881, in Nellore (the arrangements for prosecuting which have already been commenced by appointing the officers and several of the subordinates, &c.,) must be included.

5. To these requirements must further be added two officers in the grades of Executive Engineers omitted by a clerical error in the "Distribution Statement" which accompanied my letter, No. 2,277 W., dated 1st October 1880, where it will be observed that under the head "Supernumeraries" calculated at 10 per cent. only *one* officer has by oversight been shown in the grades of Executive Engineer instead of *three*.

6. The additions to the scale will therefore stand as under :—

——	Executive Engineers.	Assistant Engineers.	Upper Subordinates.
For the Madras Irrigation and Canal Company, see Government of India letter, No. 207 I., dated 16th May 1881.	1	2	6
For the Sungum Project sanctioned by the Government of India letter, No. 188 I., dated 6th May 1881.	1	2	6
To rectify error in the previous Distribution Statement ...	2	...	...
Total ...	4	4	12

7. If the four additional Executive Engineers be distributed in the strength of one to each of the sanctioned grades and the Assistant Engineers be divided equally between the 1st grade and the 2nd and 3rd grades combined, the modified normal establishment would then stand as follows (paragraphs 5 and 6 of your letter under reply) :—

Chief Engineers.

1st Class	1
2nd ,, ...	1
3rd ,, ...	1
	3

Superintending Engineers.

1st Class	2
2nd ,, ...	2
3rd ,, ...	2
	6

Executive Engineers.

1st Grade	10
2nd ,, ...	11
3rd ,, ...	11
4th ,, ...	4
	36

Assistant Engineers.

1st Grade	26
2nd and 3rd Grades	21
	47
Upper Subordinates of all grades	185

8. The attached Distribution Appendix **A** shows the circles and divisions, and Appendix **B** the cost in prescribed form, both in substitution of those originally submitted for sanction.

9. As regards **A**, the distribution, it will be observed, differs somewhat from that suggested by the Government of India, though No. I Circle is the same as that given in paragraph 3 of your letter. No. II Circle will now consist of the two Kistna Divisions, the Sungum Project and Nellore instead of the Buckingham Canal, which latter will much better fit into No. V Circle.

10. The Nellore Division with the Sungum Project will be a sufficient addition to the Kistna Delta works, and should the completion estimates for the latter be sanctioned as may be early looked for, the Superintending Engineer will have quite as much if not more than he can satisfactorily administer.

11. All the other circles have been made out strictly with reference to the actual works in progress and proposed, so as at once to give each Superintending

Engineer ample employment and the best centre from which to supervise the operations of that portion of the department under his charge.

12. To three of these circles have also been assigned such of the new project divisions as fall naturally within their respective limits; the 4th of these, Division (D), being, however, reserved specially for personal supervision by the Chief Engineer for Irrigation for reasons subsequently to be explained.

13. Turning to Appendix **B** it will be noted that the total annual charge for establishment is raised from 16·13 (the total present charge) to 20·64 lakhs ; but as the outlay on both Protective and Productive works increases annually till the total expenditure by the department more than doubles what it is at present (a little over 50 lakhs), the high percentage now apparent will disappear in course of time.

14. It being the intention of Government to initiate the redistribution of charges, &c., under the new scale from the 1st August, the total outlay on establishment for the current year would generally stand as follows :—

	At per Annum. LAKHS.	LAKHS.
To four months, April to July (both inclusive) 1881, as per Part iii, Budget of Provincial Services for 1881-82	16·13	5·38
To eight months from 1st August 1881 as per Appendix **B**	20·64	13·79
Total for Current Official Year ...	...	19·17

15. This amount cannot however be worked up to as it will take time to fill all vacancies in the Engineer and Subordinate grades.

There are moreover several modifications to be introduced later on when it is more accurately known how the vacancies in the Gradation List are to be filled up, and when instructions have been received as to the incidence of the charges affecting the Imperial and Provincial Budgets.

16. In regard to the latter point, your letter (paragraph 7) lays down that 2½ lakhs will be contributed during the current year from the general grant for "Protective" Public Works ; and again in paragraph 10 an intimation is understood to be conveyed that the Government of India would not be indisposed to consider the advisability of debiting a portion of the charge for Irrigation Establishment against the revenue of the works on which they are engaged.

17. The subject of the latter proposal has already been submitted for the consideration of His Excellency the Governor-General in Council in G.O. of 12th April 1881, Nos. 269 and 270 I., and on receipt of a reply it will be possible to deal with the mode of distributing the charges among the different budgets.

18. With reference, however, to the contribution from Imperial of the 2½ lakhs, I am to state that this Government propose to appropriate at once Rs. 75,000 for pushing on as a "Protective" work the Potinghy Ghat in Vizagapatam (to be adverted to further on), setting free a corresponding amount which is most urgently needed for the execution of a number of buildings, &c., which, as will be seen from Part B of the Provincial Budget for the current year, cannot otherwise be met for years to come, and to reserve the remaining Rs. 1,75,000 as a contribution towards the general establishment charges of the current year.

19. I am now to advert to the subject-matter of paragraph 11 of your letter under reply, and, in so doing, to submit for approval the Gradation List Appendix **C** containing the promotions which it is intended to give effect to from the 1st August, as being the date from which it is desired by this Government to constitute, as far as may be possible, the new divisions and circles of superintendence, and for which all the requisite arrangements are being made.

20. In reference to your remark that it would lead to inordinately rapid promotion to fill up the vacancies in the higher grades altogether from the lower grades of the present Madras staff, it may at once be stated that, owing to the number of Royal Engineers in the higher grades who went to England on the special furlough on the occasion of the late reductions, and who will shortly return to duty (Lieutenant-Colonel Burton, R.E., has been telegraphed for to take up the Presidency Division,

and will be here by 1st August), as also to other causes unnecessary to detail, there will practically be no promotions to speak of till the 3rd-grade Executive Engineer is reached, and only nine vacancies in the combined 2nd and 3rd grades Assistant Engineers to make up.

21. Among the Chief Engineers there is no promotion, while in the three classes of Superintending Engineers the first promotion is that of Colonel W. Chrystie from third to second class. This officer will not only have nearly twenty-six years' service in the department on the 1st August, but has frequently, during several years past, acted as Superintending Engineer, 2nd Grade, in both Mysore and Madras. The second promotion is that of Mr. Rundall from 1st-grade Executive Engineer to 3rd-class Superintending Engineer. He has likewise twenty-six years' service in the department, and has for some time acted, with great credit to himself, as Superintending Engineer.

22. These are both excellent officers of great experience, and could not possibly with any considerations of justice be superseded by an officer introduced from another province.

23. It is also especially to be observed with reference to this that the insertion of a fresh officer in any of the classes of Superintending Engineer would cause an excess of one in the number of 1st-grade Executive Engineers. This latter is now full and there will be no promotions.

24. In the 2nd grade, owing to the late introduction of Major A. T. Fraser from the Mysore Department, and the return of Major S. C. Clarke from the Railway Department under the Government of India, there is only one promotion from the 3rd grade—Captain D. McNeil Campbell, a very promising officer with twelve and-a-quarter years' service in the department.

25. Among the Executive Engineers, 3rd Grade, on the new scale there will be one officer reinstated, Mr. R. W. Norris, and five promotions from the 4th grade, viz., Messrs. Peters, Hughes, Larminie, Bell, and Captain Smart, R.E., all of whom have service in the department ranging from fourteen to over ten years.

26. Mr. Norris' case is peculiar. His name was included in the late reductions, and after retirement he accepted employment as Local Fund Engineer, North Arcot; but as he is a specially trained Irrigation Officer whose services would be very valuable, this Government have considered it desirable to reinstate him, and he has been directed to report himself for duty on 1st August. It is not considered desirable in the interests of the public service that any other of the officers previously reduced should now be reinstated.

27. The list shows two promotions from 1st-grade Assistant Engineer to 4th-grade Executive, viz., Mr. Grimes (an old officer who commenced as a military subordinate) and Lieutenant C. B. Henderson, R.E., who has more than eight years' service in the department.

28. In addition to these four officers who would complete the scale, it has been thought desirable to enter the name of Mr. Wilks as temporary Executive Engineer.

29. This officer is now second on the staff of the Madras Irrigation and Canal Company, and although, as previously reported (*vide* letter No. 202 I., dated 18th March 1881), it would be inexpedient to place him in the position of a Superintendent of Works for the canal on the work being taken over from the Company, it is thought that, owing to his local knowledge and experience as an Engineer, he may very possibly be quite capable of remaining in charge as Executive Engineer under the immediate direction of the Superintending Engineer of the Circle. In any case, I am to say, this Government is prepared to make the experiment, and as the best means of doing so would wish Mr. Wilks, during his term of probation (a year), to be borne on the strength of the department in the manner now proposed, should he be willing to accept the position.

30. If he subsequently gives satisfaction, his permanent grading will not occasion any serious difficulty, as in all probability before the time comes one or more vacancies in the higher grades will almost certainly occur.

31. Proceeding to the Assistant Engineers, it will be observed that there are eleven promotions from 2nd to 1st grade, the junior, Mr. W. Jopp, having very nearly four years' service in the department on 1st August. As the senior, Lieutenant O. V. Boddy, has a little over eight years' service, it is believed that these limits correspond very closely to the lengths of service in this grade, which it is the desire of the Government of India to secure for future working.

32. It was the original intention of this Government to promote into this grade, on precisely the same honorary footing as military subordinates, Sub-Engineers S. Ottmann and J. W. Ellis, whose cases were submitted specially (see margin) for the consideration of the Government of India, and even now the Government were prepared, failing this arrangement, to bring them permanently on the strength of the Engineer Establishment; but their promotion having lately been definitely barred by the orders contained in your letter, No. 797 G., dated 10th June 1881, their names have been removed from the list. I am, however, to submit that this Government still entertains a strong conviction that it would be both advantageous to the public service to promote these very deserving subordinates, and in every way politic to do so, especially at this juncture, when their advancement can be effected with much less hardship to others than would at any other time be possible.

This department letter, No. 1,134 W., dated 2nd May 1881.

33. I am therefore to solicit further consideration on this point, and to state that, if the Government of India sees fit to grant the concession, their names might be introduced immediately below that of Mr. H. E. G. Evans.

34. At the bottom of the list there are nine vacancies in the combined 2nd and 3rd grades of Assistant Engineers, and as it is unlikely that officers in these grades would care to be transferred from other provinces, this Government desires to be given complete freedom of selection within, of course, Code rules.

35. Should any Royal or Cooper's Hill Engineers, however, desire to enter, they could at once be posted according to length of service. Otherwise the Honorable the Governor in Council would be disposed to select one or two of the most promising youths who have of late years passed out of the Civil Engineering College, Madras, with certificates as Assistant Engineers, and fill up the remaining vacancies as opportunity offers.

36. In concluding this part of the subject, I am in the *first* place to observe that a comparison of the respective lengths of service of the officers in the Madras Department with those in other provinces more immediately under the Government of India as shown by the published classified lists, has established so clearly the fact that, the former have in all grades been hitherto unduly retarded in promotion, that the Honorable the Governor in Council would strongly deprecate the introduction, (certainly in any of the grades above Assistant Engineers) of officers from other provinces; and in the *second*, that a very early acceptance of the Gradation List by the Government of India as now sent up is so desirable (with a view to the promotions being gazetted by the 1st August) that, I am to solicit the favor of sanction to the same being telegraphed as soon as possible after receipt of the present communication.

37. In reference to the desire expressed, paragraph 13 of the letter under reply, that room should be found among the Upper Subordinates for those of this class who were originally transferred from Madras to Mysore, I am to state that this has already been done, and the three who could alone be spared from Mysore (see margin) have already joined this department.

Conductor FitzGibbon, Sub-Engineer, 2nd Grade.
Sergeant Heinig, Sub-Engineer, 3rd Grade.
Conductor Keenan, do. do.

38. I am now to invite attention to the four Divisions which it is proposed, in accordance with the original programme, to constitute with the object of preparing such projects as mainly fall within the class of *Protective* works, to be executed from the Imperial grant under this head.

39. As a convenience the information called for regarding this subject (paragraph 8 of your letter) giving the list of projects under preparation, and those which it is proposed to prepare during 1882-83, is shown in the Appendix **D**, regarding which the following general observations will, it is hoped, suffice.

40. Of the four divisions to be formed, one will be exclusively for *Roads and Buildings*, and the rest *Irrigation*, thus :—

Superintending Engineer's Circle.	Designation.	Branch of Department.	Class.	Names of Projects.
First Circle ...	A. Project Division.	Roads and Buildings.	(Imperial) Protective.	(*a*) Ganjam-Gopálpur Canal. (*b*) Road from Sálúr *viâ* Potinghy Ghat to Jagdalpore. (*c*) Buckingham Canal from end of Commamur Canal north to Merkanum south. (*d*) Do. south of Merkanum.
Fourth Circle ...	B. Project Division.	Irrigation ...	(Imperial) Protective.	(*e*) Baroor Tank. (*f*) Marandahully. (*g*) Vaniar.
Third Circle ...	C. Project Division.	Irrigation ...	(Imperial) Protective.	(*h*) Hindupur Reservoir. (*i*) Roddam do.
Immediately under Chief Engineer for Irrigation.	D. Project Division.	Irrigation ...	(Imperial) Productive and Protective.	(*j*) Complete revised project for Godávari Delta. (*k*) Completion project for the Kistna Delta. (*l*) Perryaur Project. (*m*) Pugalur do.

N.B.—(*c*) and particularly (*d*) will, when the time comes for completing the estimates, be transferred to the Superintending Engineer, Fifth Circle.

41. As regards (A) Division there can be no question, I am to observe, first that the works included in it are each and all of a strictly "*Protective*" character; and, second, that however urgently required, no sums which would allow of their making any adequate progress, can be assigned from unaided Provincial Funds, either during the current or in future years.

42. Allusion has already been made to the Potinghy Ghat (paragraph 18) and its extension westwards through Jeypore towards Bustar and the Central Provinces. The want of a trunk road through all this tract, hitherto inaccessible to carts which nevertheless could, if opened out, supply the littoral districts with cheap grain in famine, is acknowledged to be a pressing necessity in a protective sense, and stands much on a par with the proposed railway from Bimlipatam *viâ* Vizianagrum and Raigurh to Raepore. Both will open up vast tracts of country for the supply of cheap grain to the coast, and cannot fail to prove of the highest value for purposes of administration, as also, in all probability, for the encouragement of emigration in the manner advocated by the Finance Minister. It may here be observed parenthetically that no better employment could probably be found for the staff of Railway Engineers which, as stated in paragraph 11, the Government of India will very shortly have thrown on its hands without employ, than by utilizing these officers in preparing the estimate for the line of railway here adverted to (see also the correspondence noted in the margin).

Letter to the Government of India, No. 564 W., dated 21st February 1881.

Letter to the Government of India, No. 564 W., dated 21st February 1881.
Do. No. 150 R., dated 15th February 1881.

43. To allow of the works which are in progress on the Potinghy Ghât being pushed on during the current official year, Rs. 75,000 will now, as before observed, be

transferred from "Provincial," which cannot afford the amount to "Imperial Protective," the remainder of the $2\frac{1}{2}$ lakhs being taken as a grant for establishment required for investigating the projects specified.

44. As regards the Buckingham Canal and the future extension of the work south of Merkanum, its character as a famine work has been too clearly demonstrated during the last calamity to need any remark here.

45. The works in (B) and (C) Project Divisions also call for no remark, as they strictly come within the classification of "*Protective*".

46. Regarding those included under the (D) Division it may be safely affirmed that they may be classed as Protective in addition to being Productive, the two last on the list belonging more particularly to the former class. It is needless to observe that, however remunerative the Godávari and Kistna Delta Works have proved, the chief incentive under which they were commenced was the necessity, which presented itself to the Government of the day, to do all that lay in its power to counteract the evils of frequently recurring famines in these tracts.

47. Until the Protective works projects (with the exception of that for the Potinghy Ghat, which is ready and under execution) have been sanctioned by proper authority it would be out of place to name any specific sum in excess of the $2\frac{1}{2}$ lakhs granted for the current official year from Imperial; but the Honorable the Governor in Council desires to take this opportunity of pressing on the attention of the Government of India the necessity for making assignments in future years, not merely in direct proportion to the contributions of this Presidency towards the Imperial Exchequer, but also in compensation for the long years of neglect under which it has most undeservedly been compelled to suffer, owing to the undue outlay conceded to other more favored provinces.

48. This subject has been already submitted for the consideration of the Government of India in my letter, No. 337 W., dated 8th February 1881, and it will therefore suffice here to observe that this Government consider themselves fully justified in looking for an assignment for Protective works from Imperial of 15 lakhs (to include $2\frac{1}{2}$ or 3 lakhs for establishment) in 1882-83 and an addition of 10 lakhs in each succeeding year till a maximum of 80 lakhs per annum has been attained, as the least that can be given with reference to the large proportion of net revenue ($5\frac{1}{2}$ millions sterling per annum) which Madras has been shown to contribute to Imperial income, and as affording some substantial means towards guarding the Presidency in future against the horrors of famine.

49. In general connection with the subject of the normal scale of establishment for this department, I am in conclusion to solicit the decision of the Government of India as to the agency by which the Local Fund Boards' projects are to be supervised so far as concerns the larger class of works for which the machinery at present possessed by them or by the Revenue Board (which deals with their budgets and ordinary assignments for establishment and works) is at present inadequate.

50. Adverting to the correspondence on this subject concluding with my letter, No. 1,034 W., dated 22nd April 1881, I am desired to say that this Government are prepared to accept the arrangement suggested in paragraph 5 of your letter, No. 1,639 G., dated 17th September 1880, by which, in return for a general contribution on the part of Local Fund Boards of Rs. 21,250 per annum, this department would undertake the duties in question without, however, making any personal allowance to the officers to whom such duties may be assigned. The agency now placed at the disposal of the department will admit of the duty being performed in a manner satisfactory alike to Government and the Local Fund Boards.

I have the honor to be,

Sir,

Your most obedient servant,

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

Fort St. George,
9th July 1881.
Exd. A. F. Goodall.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1881} Madras.

PUBLIC WORKS.

To

THE SECRETARY TO THE
GOVERNMENT OF INDIA.

Dated July, 9th.

Issued

Recd. *Encl.*

G. O., 9th July 1881, No. 1,697 W.

JULY.

No. 9.

RELATIVE to the normal strength of establishment for the Public Works Department, Madras Presidency.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

14th July 1881, No. 1,729 W.

General.
Establishment.

Read the following papers :—

No. 17. From A. B. SAMPSON, Esq., Under Secretary to the Government of India, Public Works Department, (General,) to the Secretary to the Government of Madras, Public Works Department, dated Simla, 5th May 1881, No. 681 G.

I AM directed to acknowledge your letter, No. 337 W., dated 8th February 1881, again recommending for sanction the establishment proposed in your previous letter, No. 2,277 W., dated 1st October 1880.

2. The total amount of all establishment charges under those proposals is estimated at 18½ lakhs against a total grant for the year 1881-82 of 63½ lakhs, or excluding the Madras Harbour Works of 56½ lakhs.

3. The Government of India still retains the objections that the appointment of five Superintendents of Works, each drawing Rs. 100 per mensem as a special allowance, would make the normal pay of Executive Engineer, 1st Grade, quite exceptional, and that some of the charges do not appear to be of sufficient importance to justify the appointment of a special supervising officer; I am to suggest, for the consideration of the Madras Government, the following alternative. Instead of a Superintendent of Works for each of the four circles—

1. Vizagapatam and Ganjam,
2. the Godávari Delta,
3. the Kistna Delta,
4. the Buckingham Canal,

it is proposed for consideration that there might be two circles each under a Superintending Engineer, viz. :—

1. Vizagapatam, Ganjam, and the Godávari Delta ;
2. the Buckingham Canal and the Kistna Delta,

each circle consisting of three executive divisions.

4. The objections to linking the Buckingham Canal to any other circle of superintendence are stated to be its great length (250 miles) and unfinished condition, and also the work involved in controlling the traffic arrangements over so great a length of channel. The details of traffic arrangements should, however, devolve on the Executive Engineer, only a general control being exercised by the Superintending Engineer. As to the extent of the superintendency, it is not nearly so great as the Scinde Circle in Bombay, which is controlled by one Superintending Engineer.

5. If the foregoing suggestion is adopted, the following figures would show the difference between the resulting staff and that proposed by the Madras Government :—

	Proposed by the Madras Government.	Suggested by Government of India.
Chief Engineers	2	2
Superintending Engineers	5	7
Executive and Assistant Engineers	*79	†75

* Including five Superintendents of Works. † Including one Superintendent of Works.

The expense would be somewhat less on the latter scale.

6. The distribution of Executive and Assistant Engineers into classes and grades would be—

	As proposed by Madras Government.	As suggested by the Government of India.
Executive Engineer, Grade 1	8	9
Do. do. 2	10	10
Do. do. 3	11	10
Do. do. 4	5	3
Assistant Engineer, Grade 1	25	24
Do. do. 2, &c.	20	19

The Government of India is prepared to give provisional sanction to either of the schemes, expressing, however, a strong preference for the latter. The number of Upper Subordinates proposed is accepted.

7. It is observed that ten Executive and Assistant Engineers are intended exclusively for the preparation of projects for famine relief works, and it is assumed that some portion of the time of the regular divisional staff will also be so occupied. It appears fair to estimate that nearly one-eighth of the whole energies of the staff will be devoted for some time to this object. Under these circumstances the Government of India is prepared to contribute that proportion of the estimated cost of the Madras establishment charges, *i.e.*, $2\frac{1}{2}$ lakhs, from the general grant for Protective Public Works.

8. The assignment of this contribution from the special grant for Protective Public Works makes it necessary that the Government of India should be kept informed of the objects on which it is expended. I am to request therefore that a list of projects of protective works now under preparation and of those it is proposed to prepare during 1881-82 may be submitted at once with a brief explanation of each, and that when the budget estimate for 1882-83 is submitted a brief indication may be given of the progress made on each and a further list submitted of the new projects, the preparation of which will be commenced during that year.

9. The cost of the establishment required for the normal operations of the department may therefore be taken at‡ 16 lakhs against a total grant of 61 lakhs. Of the latter sum, 7 lakhs appertains to the Madras Harbour Works, which are carried out by special establishment, leaving 54 lakhs for the normal public works. The relative cost therefore of works and establishment will be—

‡ $18\frac{1}{2} - 2\frac{1}{2}$.

	LAKHS.
Works	38
Establishment charges	16

i.e., the establishment charges are 42 per cent. on the outlay on works. This is still an extremely high percentage.

10. A large proportion of the establishment, however, appears to be required for the supervision of the distribution of water for irrigation and other revenue purposes. In paragraph 27 of your letter now acknowledged it is stated that it is the intention of the Government of Madras to address the Government of India, on the subject of debiting a portion of the Public Works Establishment to Revenue, in a separate communication. I am to state that the Governor-General in Council will be glad to receive the views of the Government of Madras on this point.

11. In sanctioning this large addition to the sanctioned scale of Engineers, it is necessary to consider the question of filling up the vacancies in it. The Government of India has no wish to retard promotion in Madras as compared with other provinces, but it is obvious that to fill up the vacancies in the higher grades altogether from the lower grades of the staff now in Madras would lead to inordinately rapid promotion. Moreover it is likely that the Government of India will very shortly have Engineers thrown on its hands without employ owing to completion of works in the railway branch. Before, then, working up to the new scale, I am to request that a nominal roll may be submitted of the Engineers as they now stand, and a statement of the promotions the Madras Government considers due to length and nature of service, and an endeavour will be made to supply the balance from elsewhere.

12. I am to request that the exceptional arrangement regarding promotions in the place of Superintending Engineers on furlough may cease on the receipt of this letter.

13. The increase now sanctioned to the number of Upper Subordinates will probably enable the Madras Government to find room for those transferred from Madras to Mysore and for men whose home is in Madras who are no longer needed in Mysore, owing to the transfer of the administration of the country to His Highness the Maharajah.

14. I am finally to request that it may be understood that the Government of India cannot admit a higher rate than 25 per cent. on the expenditure on Imperial works as a charge for Imperial establishments exclusive of the establishment employed on Revenue work; that is, one-fifth of the entire Imperial grant shall not be exceeded on account of establishment charges exclusive of what is charged to Revenue work.

No. 17-A. To the Government of India, dated 9th July 1881, No. 1,697 W.

No. 18. ORDER THEREON, 14th July 1881, No. 1,729 W.

THE scale and general arrangement into six Superintending Engineers' Circles sanctioned by the Government of India in the letter above printed have been accepted by the Honorable the Governor in Council.

2. For the reasons explained in the letter to the Government of India, No. 1,697 W., dated 9th July 1881, the following should be added to the scale thus sanctioned:—

Executive Engineers	4
Assistant do.	4
Upper Subordinates	12

3. The modified normal establishment will then stand as follows:—

Chief Engineers.	
First class	1
Second class	1
Third class	1
	*3
Superintending Engineers.	
First class	2
Second class	2
Third class	2
	†6
Executive Engineers.	
First grade	10
Second grade	11
Third grade	11
Fourth grade	4
	36
Assistant Engineers.	
First grade	26
Second and third grades	21
	47
Upper Subordinates of all grades	185

* Includes one Chief Engineer with personal rank. | † Excludes one for the excess in Chief Engineer's class.

4. The circles, divisions and sub-divisions with the scale of executive establishment allotted thereto are shown in Appendix A attached to these Proceedings, and the financial result of the new organization with the classes of divisions and details of upper subordinate, lower subordinate, petty, and office establishments, are exhibited in Appendix B.

5. Protective works projects now in hand or proposed under paragraph 8 of the letter from the Government of India are shown in Appendix D, which is circulated for information and guidance.

6. Appendix C (not circulated) contains proposals specially referred to the Government of India.

7. Should the final orders of the Government of India be received in time, the new arrangements will, as regards sanctioned scale, come into force with effect from the 1st August, and the redistribution of executive charges will be carried out as soon after that date as practicable.

8. The proposal of the Government of India (paragraph 7) to contribute towards the cost of establishment a sum of $2\frac{1}{2}$ lakhs from the general grant for Protective Public Works, as also the question (paragraph 10) of debiting a portion of the charge for Irrigation Establishment against the revenue of the works on which they are engaged are under discussion in separate proceedings.

9. The subject matter of paragraph 11 of the Government of India letter in regard to filling up the vacancies in the new scale is also being separately considered and discussed.

10. As regards the agency by which the larger class of Local Fund projects is to be supervised, the Government have intimated their readiness to accept the arrangement suggested in paragraph 5 of the letter from the Government of India, No. 1,639 G., dated 17th September 1880, by which, in return for a general contribution on the part of Local Fund Boards of Rs. 21,250 per annum, the Public Works Department would undertake the duties in question without, however, making any personal allowances to the officers to whom such duties may be assigned. The special allowance hitherto paid will therefore cease on the revised arrangements coming into force.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
" Superintendents of Works.
To the Consulting Architect to Government.
" General Superintendent of Public Works Stores.
" Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.
" Consulting Engineer for Railways.
" Financial, &c., Departments.
" Revenue Department.
" Military Department.

Exd. E. C. Shunker.
Spare Copies

GENERAL.
ESTABLISHMENT.

Gobt. of {1881} Madras.

PUBLIC WORKS.

To

SUPERINTENDING ENGINEERS,

&c., &c., &c.

Dated July, 14*th*.

Issued

Recd. *Encl.*

G. O., 14*th July* 1881, *No.* 1,729 W.

JULY.

Nos. 17-18.

RE-ORGANIZATION of the Public Works Department of the Madras Presidency.

CONFIDENTIAL

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

13th August 1881, No. 509 I.

Irrigation.
Establishment.

Read the following paper :—

No. 26. From Captain G. F. L. MARSHALL, R.E., Assistant Secretary to the Government of India, Public Works Department (Civil Works—Irrigation), to the Secretary to the Government of Madras, Public Works Department, dated Simla, 30th July 1881, No. 307 I.

In continuation of the letter from this Office, No. 207 I., of the 16th May last, I am directed to forward, confidentially, for the information of His Excellency the Governor in Council, copy of a despatch* from the Secretary of State approving of the proposals made in Madras Government letter, No. 202 I., of the 18th March last, regarding the establishment which will be required for working the Madras Irrigation and Canal Company's Canal whenever its transfer to Government has been effected.

* No. 28, dated 30th June 1881.

2. I am, at the same time, to request that the further information called for by His Lordship in the concluding lines of the despatch, on the subject of limiting the scope of navigation operations on the canal in future, may be submitted to Government of India as early as possible.

Despatch from the Most Honorable the Secretary of State for India.

Public Works,
No. 28.

India Office, London,
30th June 1881.

My Lord Marquis,—I have received and considered in Council your Excellency's Public Works letter, No. 16, dated the 30th April last, transmitting copy of a letter to your Government from the Government of Madras, regarding the establishment which will be required for working the canal whenever the transfer of the Madras Irrigation and Canal Company's property has been effected.

2. Your Excellency is aware that by this Office letter, of the 6th November 1880, to the Right Honorable E. P. Bouverie, it was stated that, though "the Secretary of State will give no guarantee as to the Engineer and Staff employed by the Company in India, . . . the Secretary of State will request the Government of Madras to take into consideration the advisability, should it be practicable, of retaining under Government the services of the Engineer and such of the Staff as are employed at the period of the transfer, on the works of the Company in India."

3. A copy of this letter has also been communicated to the Government of Madras, and that Government, after a full consideration of the matter, now recommends that the services of the two Engineers on the works, Mr. J. H. Latham, the Chief Engineer and Manager, and Mr. Wilks, the Divisional or Executive Engineer, should be dispensed with by Government when the transfer is completed, and that a selection should be made from the staff of subordinates for continued employment on the works.

4. Your Excellency concurs in the proposed action of the Government of Madras, and I accordingly sanction the necessary steps being taken when the transfer is actually completed.

5. I am glad to perceive, from the statements submitted with the letter from the Government of Madras, that the future establishment charge on the works is likely to be materially reduced on their transfer to Government; but I request that I may be more fully informed as to the reasons for limiting in future the scope of navigation operations on the canal, which is alluded to in paragraph 4 of the copy of Government of Madras Public Works Proceedings accompanying your letter.

I have, &c.,

(Signed) HARTINGTON.

No. 27. ORDER THEREON, 13th August 1881, No. 509 I.

ORDERED that the following letter be sent:—

(Here enter No. 510 I., dated 13th August 1881.)

(True Extract.)

(Signed) JOHN MULLINS, Colonel, R.E.,
Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

To the Chief Engineer for Irrigation.

Exd. F. R. Bantleman.

IRRIGATION.
ESTABLISHMENT.

Govt. of {1881} Madras.

PUBLIC WORKS.

Confidential

To

THE CHIEF ENGINEER
FOR IRRIGATION.

Dated August, 13th.

Issued

Recd. *Encl.*

G. O., 13th August 1881, No. 509 I.

AUGUST.

Nos. 26—27.

Madras Irrigation and Canal Company.—Letter from the Government of India, communicating, with remarks, the approval of the Secretary of State to the proposals of the Madras Government regarding the establishment required for — on its transfer to Government.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

8th October 1881, No. 2472 W.

General.
Establishment.

Read the following paper :—

No. 31. From A. B. SAMPSON, Esq., Under Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Simla, 23rd September 1881, No. 1250 G.

I AM directed to acknowledge your letter, No. 1697 W., dated 9th July last, relative to the normal strength of the Establishment of the Public Works Department in Madras and other subjects.

2. The Governor-General in Council desires me to point out that the despatch of business is much impeded by the treatment of more than one subject in the same letter, as in the case of your letter under reply. The present communication will be confined to the one subject of the strength of Establishment.

3. In Public Works Department letter, No. 681 G., dated 5th May, the Government of India accepted the following :—

2 Chief Engineers.
7 Superintending Engineers.
75 Executive and Assistant Engineers.

One of the Superintending Engineers holds the rank of Chief Engineer till the post of Consulting Engineer for Guaranteed Railways is vacated, and one of the First-grade Executive Engineers, the Consulting Architect, is a Superintendent of Works on the special pay of Rs. 1,200 per mensem until the present incumbent vacates the post.

4. It is now pointed out that by oversight the former tables contained only one Executive Engineer on account of the 10 per cent. for absentees, instead of three, and two more Engineers are asked for on this account. Also the transfer to Government of the works of the Madras Irrigation Company involves an increase of three Executive and Assistant Engineers. This was approved in Public Works Department letter, No. 207 I., dated 16th May 1881.

5. Further, the execution of the Sungum Project will, it is said, necessitate an addition of three Executive and Assistant Engineers. So that it is proposed to increase the number of Executive and Assistant Engineers from 75, the number the Government of India declared itself prepared to accept, to 83, and the estimated cost of Establishment charges is put down at Rs. 20,64,000, exclusive of the establishment of the Consulting Engineer for Guaranteed Railways.

6. Though the Government of India is not able to accept these proposals as economical, yet, in consideration of the representations of the Government of Madras, and with the view of settling a question which has been more or less under discussion for many years, the Governor-General in Council is pleased to sanction them provisionally, subject to the approval of the Secretary of State, who has lately taken occasion to remark on the apparent extravagance of this class of expenditure in Madras. But I am directed, in conveying these orders, to state that the strength of the Engineer Establishment now sanctioned must be regarded as the maximum, and that provision for the superintendence of any works that may hereafter be taken in hand must be made without any increase of the present staff.

7. The division of the staff into classes and grades given in paragraph 7 of your letter is correct, except that the number of Assistant Engineers in the first and second grades may be 27 and 20 respectively.

8. The proposed number of Upper Subordinates, 185, is accepted.

9. With reference to paragraph 18 of your letter, I am to state that the assignment of 2½ lakhs from the fund for Protective Public Works was for the purpose of providing establishment for the preparation of projects for such works, and cannot be reappropriated to Works without the special sanction of the Government of India, on the submission of a completed project; and even as regards this, no pledge can be given.

10. Other subjects of your letter will be dealt with separately.

No. 32. ORDER THEREON, 8th October 1881, No. 2472 W.

COMMUNICATED to the officers concerned in continuation of G.O., No. 1729 W., dated 14th July 1881.

2. The Government of India will be separately addressed in regard to the alleged excessive charge for Establishment (paragraph 6 of their letter).

3. With reference to paragraph 9, the Superintending Engineer, First Circle, will expedite the submission of the complete estimates for the Potinghy Ghát, which were returned for final revision, and meanwhile the precise effect of the sanction accorded of 2½ lakhs additional for Establishment as a grant-in-aid from Imperial will be considered by the Chief Engineer, Public Works Department, and the Examiner.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Chief Engineer, Public Works Department.
„ Superintending Engineers.
„ Superintendents of Works.
„ the Consulting Architect to Government.
„ the General Superintendent, Public Works Stores.
„ the Chief Engineer for Irrigation.
„ the Examiner of Public Works Accounts.
„ the Consulting Engineer for Railways.
„ the Financial Department.

Exd. A. F. Goodall.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1881} Madras.

PUBLIC WORKS.

To

THE CHIEF ENGINEER, PUBLIC
WORKS DEPARTMENT,

&c., &c., &c.

Dated October, 8th.

Issued

Recd. *Encl.*

G. O., 8th October 1881, *No.* 2472 W.

OCTOBER.

Nos. 31-23.

Revised Scale of Establishment for the Public Works Department of the Madras Presidency.—Sanction of the Government of India to the —, communicated to the officers concerned.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

No. 2473 W.

No. 33.

FROM

THE SECRETARY TO THE GOVERNMENT OF MADRAS,
Public Works Department,

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
Public Works Department.

SIR,—With reference to the observations contained in paragraph 6 of your letter, No. 1,250 G., dated 23rd ultimo, as to the uneconomical character of the establishment now provisionally sanctioned, and your allusion to the remark of the Secretary of State as to the apparent extravagance of the one which it is intended to replace, I am desired to invite a reference to the despatch of this Government marginally quoted, from which it will be observed that the percentage of 84·4, to which His Lordship not unnaturally took exception, did not agree with the figures given in the Public Works Budgets of this Presidency, and was therefore based on a misapprehension.

No. 41, dated 16th July 1881.

2. Convinced as this Government is that the opinion still held by the Government of India as to the uneconomical character of the establishment lately sanctioned is equally based on a misapprehension of the facts, they would now, in the hopes of ending a long and undesirable controversy, suggest that if the Government of India think fit a review of all the charges involved may be undertaken.

3. The charges shown in the Public Works Accounts in Upper India on Capital Revenue Works are believed to be arbitrarily confined to 25 per cent. for Establishment, and that no less than 16 per cent. on an average is debited to Revenue, whereas in this Presidency no charge of any kind for Public Works purposes is made against the latter. All comparisons, therefore, of the relative cost of establishment with the present incidence of the charges are thus necessarily fallacious and misleading.

4. It is held by this Government that if accurate figures could be given for all similarly situated Productive Works in other Provinces under the following heads, the economical administration of those in Madras would be established beyond fear of controversy :—

I.—Charges for Civil Administration under—

(*a*) Law and Justice ;
(*b*) Revenue,

II.—Charges in the Public Works Department under—

(*a*) Establishment—

(1) as debited to the Works;
(2) as debited against Revenue.

III.—Revenue of the Works under all heads.

IV.—Areas—

(*a*) commanded by the Works;
(*b*) actually irrigated.

V.—Population.

5. The figures could probably be given for eight or ten late years excluding, of course, any very exceptional ones.

I have the honor to be,

Sir,

Your most obedient servant,

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

FORT ST. GEORGE,
8th October 1881.

Exd. A. F. Goodall.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1881} Madras.

PUBLIC WORKS.

To

THE SECRETARY TO THE
GOVERNMENT OF INDIA.

Dated October, 8th.

Issued

Recd. *Encl.*

G. O., 8th October 1881, *No.* 2473 W.

OCTOBER.

No. 33.

EXPLANATION of the excessive nature of the Establishment charges in the Madras Presidency.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

17th October 1881, No. 2529 W.

General.
Establishment.

Read the following paper :—

No. 64. From A. B. SAMPSON, Esq., Under Secretary to the Government of India, Public Works Department, (General,) to the Secretary to the Government of Madras, Public Works Department, dated Simla, 23rd September 1881, No. 1251 G.

I AM directed in this letter to address the Government of Madras on the personal matters which form the subject of paragraphs 19—36 of your letter No. 1697 W., dated 9th July.

2. After inspection of Appendix C, the Governor-General in Council is satisfied that promotion has been slow in the Madras Engineer Establishment, and that there is no ground on the score of too rapid promotion following the increase of establishment sanctioned in my letter No. 1,250 G, of this date, for the transfer of officers from other Provinces.

3. In regard to the proposed reappointment of Mr. Norris, who retired from the service under the terms of Resolution of the Department of Finance and Commerce, No. 2,079, dated 31st July 1879, a telegram was issued to the Government of Madras on 27th July in which it was said " No Europeans can be appointed to the Engineer Establishment. The orders of the Secretary of State are stringent, make no pledges," and in reply the Government of India was assured, in a telegram of the 29th July, that these instructions had been noted. It was afterwards observed in the *Fort St. George Gazette*, that Mr. Norris's appointment had been notified on the 2nd August, and an explanatien was called for, which was received in your letter No. 2010 W., dated 15th August. It is said that after full consideration by the Government of Madras the terms of the telegram of the 27th July were not held to apply to Mr. Norris. If, as may be inferred, there was any doubt on the subject, inquiry should have been made by telegraph. I am now to say explicitly that Mr. Norris's permanent appointment cannot be sanctioned. There is no objection to his temporary employment to fill a vacancy on the terms of Public Works Department Resolution Nos. 1115-34 G., dated 24th August.

4. Nor can the permanent appointment of Mr. Wilks be approved, but there is no objection to his temporary employment to fill a vacancy, subject to one month's notice of discharge.

5. The Government of India is still unable to approve of the promotion of Civil Upper Subordinates to the Engineer staff.

6. I am to repeat that the Secretary of State has strictly forbidden the appointment, to the Engineer Establishment, of any but Natives and Officers of Royal Engineers, without His Lordship's previous sanction, and by the term Native, as His Lordship's orders at present stand, is meant a person of pure Asiatic parentage.

No. 65. ORDER THEREON, 17th October 1881, No. 2529 W.

RECORDED.

2. The Secretary of State will be addressed in regard to the reappointment of Mr. Norris.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Examiner of Public Works Accounts.
" W. R. Norris, Esq.
" Wilks, Esq.

Exd. S. T. Austin.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1881} Madras.

PUBLIC WORKS.

To

THE EXAMINER OF PUBLIC WORKS
ACCOUNTS,

&c., &c., &c.

Dated October, 17th.

Issued

Recd. *Encl.*

G. O., 17th October 1881, *No.* 2529 W.

OCTOBER.

Nos. 64-65.

Appointment of Messrs. Norris and Wilks, and promotion of Civil Upper Subordinates to the Engineer Establishment.—Remarks of the Government of India on the — recorded; and the Secretary of State addressed on the reappointment of Mr. Norris.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

No. 1448 W.

No. 60.

LETTER—from

COLONEL R. H. SANKEY, R.E., C.B.,
Secretary to Government, Public Works Department,
Madras,

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

SIR,

I am directed to bring to the notice of the Government of India the inconvenience that is now felt in the Madras Public Works Department owing to the inadequate provision made for absentees in the scale sanctioned for the Engineer Establishment of this Department. In the Civil Departments under this Government a proportion of 20 per cent. is allowed—*Vide* Rule I under Section 49 of the Civil Leave Code, a ruling which it is understood has lately been extended to the Ecclesiastical Department, while in the Public Works Department a proportion of only 10 per cent. has been added to the sanctioned scale for casualties of this nature, 3 Executive and 4 Assistant Engineers only having been provided for out of a total numerical scale of 92. See the Distribution Statement submitted with my letter No. 2277 W., dated 1st October 1880, also paragraph 5 of No. 1697 W., dated 9th July 1881.

2. As compared with the sanctioned provision the following officers are now, either through illness or other causes which rendered furlough to Europe absolutely necessary, non-effective :—

1. Colonel J. Mullins, R.E. ... Eighteen months' furlough.
2. Colonel W. Chrystie, R.E. ... On Special leave.
3. Colonel J. N. Hunter, R.E. ... Special leave for two years.
4. Lieutenant-Colonel H. Smalley, R.E. ... ... Special furlough for two years.
5. Lieutenant-Colonel P. Montgomerie, R.E. ... ... Furlough for two years.
6. Major H. M. Vibart, R.E. ... Furlough for two years.
7. Major C. Bowen, R.E. ... Furlough—not yet joined.
8. Major J. L. L. Morant, R.E. ... Furlough for two years.
9. Major S. C. Clarke, R.E. ... Special leave for two years.
10. Mr. J. Hannan ... ... Furlough for two years.
11. Major R. F. Morris, R.E. ... Furlough—not expected to return.

12. Captain C. H. M. Kensington, R.E. ... ... Employed in Foreign Department of Government of India.
13. Lieutenant A. R. F. Dorward, R.E. ... ... Furlough for two years.
14. Mr. C. J. Peters ... ... Furlough for two years.
15. Mr. J. Grimes ... ... Furlough for two years.
16. Lieutenant O. V. Boddy, R.E. ... Furlough for two years.
17. Lieutenant L. Langley, R.E. ... Furlough for two years.
18. Mr. R. H. Dorman ... Leave on private affairs for six months.
19. Mr. W. B. deWinton ... Furlough for two years.
20. Vacancy.
21. Vacancy.

or 22 per cent. of the sanctioned scale.

3. There is moreover always a large proportion of officers on short leave, absent from ill-health, principally, whose duties have to be provided for, which, if taken into account, raises the total number of non-effective to at least 25 per cent., a matter which occasions serious embarrassment. The failure of the Civil Engineers from Cooper's Hill College in respect of health is particularly noteworthy. Of the 34 officers of this class on the rolls of the establishment there are no less than 7 absent at the present moment, and several others are known to be so out of health as to make it a matter of certainty that they must soon take leave for recovery. This circumstance does not seem abnormal as absence from failure of health of young Cooper's Hill Engineers has frequently had to be provided for in previous years.

4. I am, under these circumstances, to press earnestly on the attention of the Government of India the desirability of fixing the proportion for absentees at a figure more in consonance with actual experience, which, so far as the Public Works Department of this Presidency is concerned, approximates closely to that which has apparently been gained in the Civil Departments and in accordance with which a proportion of 20 per cent. has been allowed for absentees in those Departments.

5. Without a concession of this character it is felt that, owing to the several causes above enumerated, the establishment can never maintain the effective strength which was intended and without which it will be unable to perform satisfactorily the duties it is meant to fulfil.

I have the honor to be,

Sir,

Your most obedient servant,

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

OOTACAMUND,
10th June 1882.

Exd. T. D. Ryan.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1882} Madras.

PUBLIC WORKS.

Dated June, 10*th*.

Recd. *Encl.*

G.O., 10th June 1882, No. 1448 W.

JUNE.

No. 60.

Engineer Establishment of the Public Works Department.

Absentees in the scale sanctioned for the —. On the desirability of fixing a higher proportion than 10 per cent. for —.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

No. 62.

LETTER—from

COLONEL R. H. SANKEY, R.E.,

Secretary to Government, Public Works Department,

Madras,

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,

PUBLIC WORKS DEPARTMENT.

SIR,

With reference to your telegram of the 9th instant, communicating the proposed transfer of the Madras Irrigation and Canal Company's works to Government on the 1st July 1882, I am directed to communicate the arrangements which it is now proposed to make with regard to the establishment on those works, and to request the approval of the Government of India to the same.

2. In the Distribution Statement of the Department forwarded with letter No. 1697 W., dated 9th July 1881, and sanctioned by the Government of India in letter No. 1250 G., dated 23rd September 1881, the Madras Irrigation and Canal Company's Canal is shown as a division in the Third Circle, and the following establishment is provided for it:—

1 Executive Engineer,
2 Assistant Engineers,
6 Upper Subordinates,

and in Appendix C the name of Mr. Wilks, the Executive Engineer at present employed on the works under the Madras Irrigation and Canal Company, is entered at the foot of the Executive Engineers, 4th Grade, as a temporary probationary appointment, the intention being that Mr. Wilks, who has had a long experience of the Company's works, should, on the transfer of the works to Government, be appointed the Executive Engineer of the new division.

3. In your letter No. 2529 W., dated 17th October 1881, it is stated that the permanent appointment of Mr. Wilks cannot be approved, but there is no objection to his temporary employment to fill a vacancy, subject to one month's notice of discharge. On this subject I am directed to state a further communication will be made, but it will be evident that to dispense with the services of the staff at present employed on the works, and to employ an entirely new staff unacquainted with the locality, will be to endanger the safety of the works, and in all probability to ensure loss to Government.

4. I am also to point out that, as lately brought under the notice of the Government of India in my letter No. 1448 W., dated 10th June 1882, the strength of the Engineer Establishment of this department has been so reduced that there is considerable difficulty, till some of the officers at present absent on furlough have returned to

duty, in carrying on the current work, and that if from the present effective strength three officers and six subordinates have to be found for the Madras Irrigation and Canal Company's works, the result would probably be that the prosecution of other important works must be suspended.

5. Under these circumstances, and considering that it will be necessary to retain the services of a considerable part of the Madras Irrigation and Canal Company's staff, while the transfer, which entails stock-taking and other work which will take time, is being carried out, the arrangement which suggests itself to this Government as most suitable is to continue the employment of the Madras Irrigation and Canal Company's staff for a period of six months from the 1st July, which will obviate any risk to the works by the employment of a new staff of officers, and will enable the terms under which it is understood the staff were engaged—six months' warning or six months' pay—to be carried out without cost to Government.

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

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

OOTACAMUND,
10th June 1882.

Exd. A. Grubert.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1882} Madras.

PUBLIC WORKS.

Dated June, 10th.

Recd. *Encl.*

10th June 1882, No. 1449 W.

JUNE.

No. 62.

Madras Irrigation and Canal Company.

CONTINUED employment of the present staff of the —. Suggests the — for a period of six months from the 1st July.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Establishment.

No. 57.

READ—the following letter from A. B. SAMPSON, Esq., Under Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Simla, 29th June 1882, No. 958 G. :—

In reply to your letter, No. 1449 W., dated 10th June 1882, I am directed to state that the Government of India approves of the proposed continued employment, for a period of six months from 1st July 1882, the date from which the Madras Irrigation and Canal Company's works are to be taken over by Government, of the Company's staff at present employed on the works, but steps should be taken to give the employés in question the requisite notice of the termination of their engagement.

2. I am to add that no permanent addition can be made to the Engineering Staff sanctioned for Madras.

No. 58.

ORDER—dated 15th July 1882, No. 547 I., Public Works.

Communicated to the Superintending Engineer on Special Duty, Kurnool, who will immediately conform to the instructions conveyed in the latter part of paragraph 1 by giving the requisite notice of the termination of their engagement to the Company's staff at present employed on the works.

2. The Superintending Engineer will also report at an early date the names of those of the staff whom he proposes to retain on the works up to 31st December 1882, and of those whose services may be dispensed with.

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Ag. Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

To the Superintending Engineer on Special Duty, Kurnool.
„ Superintending Engineer, Third Circle.
„ Chief Engineer for Irrigation.
„ Chief Engineer and Manager, Madras Irrigation and Canal Company.
„ Examiner, Madras Irrigation and Canal Company's Accounts.
„ Examiner of Public Works Accounts.

Exd. A. F. Goodall.
Spare Copies

IRRIGATION.
ESTABLISHMENT.

Govt. of {1882} Madras.

PUBLIC WORKS.

Dated July, 15*th*.

Recd. *Encl.*

G.O., 15th July 1882, No. 547 I.

JULY.

Nos. 57-58.

Madras Irrigation and Canal Company's Establishment.

Dismissal of the staff of the -- after six months from 1st July 1882.

Appendix to letter No. 2592 *W., dated* 4*th October* 1882.

STATEMENT showing the proposed changes in the Establishment of the Public Works Department, Madras Presidency.

PRESENT SCALE.			PROPOSED SCALE.			INCREASE.		DECREASE.		
Number.	Designation.	Amount of Pay.	Number.	Designation.	Amount of Pay.	Number.	Amount of Pay.	Number.	Amount of Pay.	Grounds of Proposition.
		RS.		*Central Godávari Division.*	RS. A. P.		RS. A. P.		RS.	
			1	Executive Engineer, 2nd grade.	800 0 0	1	800 0 0	..	..	
			1	Assistant Engineer, 2nd grade.	350 0 0	1	350 0 0	..	..	
			1	Sub-Engineer, 3rd grade.	250 0 0	1	250 0 0	..	..	
			1	Supervisor, 1st grade ..	200 0 0	1	200 0 0	..	..	
			2	Overseers	160 0 0	2	160 0 0	..	..	
				Office Establishment.						
			1	Clerk, 3rd class, 2nd grade.	70 0 0	1	70 0 0	..	..	
			1	Do. 4th do. 1st do.	45 0 0	1	45 0 0	..	..	
			1	Do. 4th do. 2nd do.	35 0 0	1	35 0 0	..	..	
			2	Do. 4th do. 3rd do.	50 0 0	2	50 0 0	..	..	
			1	Draftsman, 1st class ..	60 0 0	1	60 0 0	..	..	
			1	Do. 3rd do. ..	25 0 0	1	25 0 0	..	..	
			1	Messenger	7 0 0	1	7 0 0	..	..	
			1	Do.	6 0 0	1	6 0 0	..	..	
			1	Accountant, 4th grade ..	115 0 0	1	115 0 0	..	..	
				Sub-divisional Office Establishment.						
			2	Clerks, 4th class, 3rd grade.	50 0 0	2	50 0 0	..	..	
			2	Messengers	12 0 0	2	12 0 0	..	..	
				Overseers' Clerks.						
			2	Clerks, 5th class, 1st grade.	35 0 0	2	35 0 0	..	..	
				Petty Establishment.						
			1	Storekeeper	25 0 0	1	25 0 0	..	..	
			3	Lascars	18 0 0	3	18 0 0	..	..	
Nil.	..			Total ..	2,313 0 0	..	2,313 0 0	..	..	*Vide* accompanying letter, No. 2592 W., dated 4th October 1882.
				Central Kistna Division.						
			1	Executive Engineer, 4th grade.	550 0 0	1	550 0 0	..	..	
			1	Assistant Engineer, 1st grade.	450 0 0	1	450 0 0	..	..	
			1	Sub-Engineer, 3rd grade.	250 0 0	1	250 0 0	..	..	
			2	Overseers	160 0 0	2	160 0 0	..	..	
				Office Establishment.						
			1	Clerk, 3rd class, 2nd grade.	70 0 0	1	70 0 0	..	..	
			1	Do. 4th do. 1st do.	45 0 0	1	45 0 0	..	..	
			1	Do. 4th do. 2nd do.	35 0 0	1	35 0 0	..	..	
			2	Do. 4th do. 3rd do.	50 0 0	1	50 0 0	..	..	
			1	Draftsman, 1st class ..	60 0 0	1	60 0 0	..	..	
			1	Do. 3rd do. ..	25 0 0	1	25 0 0	..	..	
			1	Messenger	7 0 0	1	7 0 0	..	..	
			1	Do.	6 0 0	1	6 0 0	..	..	
			1	Accountant, 4th grade ..	115 0 0	1	115 0 0	..	..	
				Sub-divisional Office Establishment.						
			2	Clerks, 4th class, 3rd grade.	50 0 0	2	50 0 0	..	..	
			2	Messengers	12 0 0	2	12 0 0	..	..	
				Overseers' Clerks.						
			2	Clerks, 5th class, 1st grade.	35 0 0	2	35 0 0	..	..	
				Petty Establishment.						
			1	Storekeeper	25 0 0	1	25 0 0	..	..	
			3	Lascars	18 0 0	3	18 0 0	..	..	
				Total ..	1,963 0 0	..	1,963 0 0	..	..	

Statement showing the proposed changes in the Establishment of the Public Works Department, Madras Presidency—*cont.*

Present Scale.			Proposed Scale.				Increase.			Decrease.		
Number.	Designation.	Amount of Pay.	Number.	Designation.	Amount of Pay.		Number.	Amount of Pay.		Number.	Amount of Pay.	Grounds of Proposition.
		Rs.		*Cauvery and Vennár Regulator Division.*	Rs. A. P.			Rs. A. P.			Rs.	
			1	Executive Engineer, 4th grade.	550 0 0		1	550 0 0		..	..	
			1	Sub-Engineer, 3rd grade.	250 0 0		1	250 0 0		..	..	
			2	Overseers	160 0 0		2	160 0 0		..	..	
				Office Establishment.								
			1	Clerk, 3rd class, 2nd grade.	70 0 0		1	70 0 0		..	..	
			1	Do. 4th do. 2nd do.	35 0 0		1	35 0 0		..	..	
			2	Do. 4th do. 3rd do.	50 0 0		2	50 0 0		..	..	
			1	Draftsman, 1st class ..	60 0 0		1	60 0 0		..	..	
			1	Do. 3rd do. ..	25 0 0		1	25 0 0		..	..	
			1	Messenger	7 0 0		1	7 0 0		..	..	
			1	Do.	6 0 0		1	6 0 0		..	..	
			1	Accountant, 4th grade ..	115 0 0		1	115 0 0		..	..	
			3	Overseers' Clerks ..	52 8 0		3	52 8 0		..	..	
				Petty Establishment.								
			1	Storekeeper	25 0 0		1	25 0 0		..	..	
			3	Lascars	18 0 0		3	18 0 0		..	..	
Nil.		..		Total ..	1,423 8 0		..	1,423 8 0		..	..	
				Grand Total ..	5,699 8 0		..	5,699 8 0		..	..	

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Government, P.W.D.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

No. 27.

Letter—from

Colonel R. H. SANKEY, R.E., C.B.,
Secretary to Government, Public Works Department,

To

The SECRETARY to the GOVERNMENT of INDIA,
Public Works Department.

Sir,

I am directed to forward, with reference to paragraph 4 of your letter No. 1082 G., dated 24th July 1882, a statement of the establishment which, in the opinion of this Government, is absolutely necessary to carry out the Productive Public Works in the Godávari, Kistna, and Cauvery Deltas which have lately been sanctioned.

2. On the general question of the supposed extravagance of the sanctioned scale of establishment in this Presidency, a separate communication will shortly be made, and I am to add that this Government fully accept the condition made in your letter under reply, that the establishment required to carry out the work now referred to is to be temporary; but it is, in the opinion of this Government, essential that the Executive Engineers, to whom the new temporary divisions are to be entrusted, shall be officers acquainted with the mode of carrying out work, and the workmen employed, in this Presidency.

3. The arrangements which are therefore proposed and to which I am directed to request the approval of the Government of India are as follows:—

(1.) The appointment of the following officers as temporary Executive Engineers:—
Mr. Wilks, at present temporary Executive Engineer on the Kurnool Canal.
Mr. H. S. Taylor, Assistant Engineer, First Grade, and Acting Executive Engineer, Fourth Grade.
Lieutenant W. L. C. Baddeley, R.E., Assistant Engineer.

(2.) The appointment of three Assistant Engineers by transfer from other Provinces.

(3.) The appointment of three Accountants, who, it is understood, the Government of India agree with this Government in considering should be graded on the permanent staff and would be the only addition proposed to that staff.

The other appointments proposed in the statement enclosed being below the limit of pay which has been fixed as requiring the sanction of the Government of India, can be made by this Government, it is anticipated, from among the qualified Upper Subordinates in this Presidency.

4. As regards the appointments of Executive Engineers proposed, Mr. Wilks is an officer of many years standing on the late Madras Irrigation and Canal Company's works, and in the proposals submitted for the taking over the Company's works it has already * been suggested that his services should be retained; the other officers named are selected Assistant Engineers who have, in the opinion of this Government, shown themselves fit for the position in which it is proposed to place them.

* Letter No. 1449 W., dated 10th June 1882.

5. On the subject of the appointment of temporary Assistant Engineers from other Provinces, I am to say that this Government will now be prepared to accept such officers as the Government of India may consider fully qualified for the work and have been well reported on during their previous service. It is presumed that in all such cases of transfer copies of the usual confidential reports shall be forwarded to this Government at the earliest practicable dates.

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

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

FORT ST. GEORGE,
4th October 1882.

Exd. S. T. Austin.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1882} Madras.

PUBLIC WORKS.

Dated October, 4th.

Recd. *Encl.*

4th Oct. 1882, No. 2592 W.

OCTOBER.

No. 27.

Productive Public Works in the Godavari, Kistna, and Cauvery Deltas.

REGARDING establishment necessary to carry out the —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

No. 190.

READ—again—

G.O., dated 21st December 1882, No. 3395 W., Public Works.

Read—also the following letter from G. H. D. WALKER, Esq., Officiating Under Secretary to the Government of India, Public Works Department, (General,) to the Secretary to the Government of Madras, Public Works Department, dated Fort William, 30th November 1882, No. 1558 G.:—

In reply to your letter, No. 2592 W., of 4th October 1882, regarding establishment required to carry out Productive Public Works in the Godávari, Kistna, and Cauvery Deltas, I am directed to state that the Government of India sanctions the temporary employment of Mr. Wilks on a salary of Rs. 800 per mensem, but he must not be graded in the department—see S.O. No. 168.

2. As regards Mr. Taylor and Lieutenant Baddeley, Assistant Engineers, I am to observe that it is within the competence of the Government of Madras to promote them temporarily, if there are vacancies in the sanctioned scale of establishment; indeed, it is understood that they already hold the temporary rank of Executive Engineer, 4th Grade; but as it is not clear whether it is the intention to give them the full pay of Executive Engineer, 4th Grade, in addition to those officers who get it in regular course in succession to absentees, I am directed to point out that if such a course is intended, it is inadmissible, and the Government of India is not prepared to sanction any deviation from the rules on this subject.

3. Referring to your paragraph 3, (2) I am to state that there are no Assistant Engineers at the disposal of the Government of India for transfer from other provinces at present. Inquiries are being made on this matter, but one Engineer from the Royal Indian Engineering College ought to be arriving in Madras shortly, and the Government of India will be prepared, if desired, to obtain the services of two more Engineers from England on temporary terms, if such a step should be ultimately found to be necessary.

4. There is no objection to the appointment of three Accountants for the new divisions, but as these divisions will be extra to the normal scale, the Accountants required for them should not be on the permanent staff, but only temporarily employed. The proposed increase should have been submitted in a separate statement showing how the whole establishment of Accountants in Madras will be affected by the increase asked for, and providing for any addition that may be necessary to the office of the Examiner of Public Works Accounts. I am to request that such a statement may now be submitted.

5. The rest of the appointments specified in the statement submitted, being below the limit of pay, may be made by the Government of Madras as suggested.

Order—dated 21st December 1882, No. 3395 W., Public Works.

Extract paragraph 4 of the above letter will be forwarded to the Examiner, Public Works Accounts, for information and early attention.

2. The remaining subjects will be taken up by the Chief Engineer, Public Works Department.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Government, P.W.D.

To the Examiner, Public Works Accounts, with extract paragraph 4.
„ Chief Engineer, Public Works Department, (in original with file.)

No. 191.

ORDER—dated 26th December 1882, No. 3432 W., Public Works.

Ordered that the Government of India be addressed.

(Here enter No. 3433 W., dated 26th December 1882.)

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Examiner, Public Works Accounts.
„ Chief Engineer for Irrigation.

Exd. C. Howarth.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1882} Madras.

PUBLIC WORKS.

Dated December, 26th.

Recd. *Encl.*

G.O., 26th Dec. 1882, No. 3432 W.

DECEMBER.

Nos. 190-191.

Assistant Engineers.

The Government of India applied to for the services of certain —.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

No. 192.

LETTER—from

COLONEL R. H. SANKEY, R.E., C.B.,
Secretary to the Government of Madras, Public Works Department,

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

SIR,

I am directed to acknowledge the receipt of your letter, No. 1558 G., dated 30th November 1882, and with reference to paragraph 1 to say that the Government of India will very shortly be addressed.

2. In reference to paragraph 3 this Government will gladly avail themselves of the offer of the Government of India to obtain the services of two temporary Engineers from England. It is essential that the Engineers selected shall have had two or three years' practical experience on works. They might be offered the pay and position of Assistant Engineers of the 1st or 2nd Grade, with free passages out and home.

3. The Right Honorable the Governor in Council will, I am further directed to say, be glad to obtain the services of the Assistant Engineer expected from Cooper's Hill, provided he has finished his practical course so as to be available for executive duties within a reasonable time.

4. The statement called for in paragraph 4 of your letter is under preparation, and will be forwarded in due course.

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

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

FORT ST. GEORGE,
26th December 1882.

Exd. C. Howarth.

Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1882} Madras.

PUBLIC WORKS.

Dated December, 26th.

Recd. *Encl.*

26th Dec. 1882, No. 3433 W.

DECEMBER.

No. 192.

Assistant Engineers.

THE Government of India applied to for the services of certain —.

Canal St. Works
September 11th 1862

Mr C. H. Wilks has been in our Establishment for a period of Four Years and we have much pleasure in stating that we have had every reason to be satisfied with his Conduct and that he has a good Knowledge of his business.

(signed) W. Fairbairn & Sons

leave no doubt he will discharge his duties faithfully in any situation he may be pleased

I am Sir
Yours truely

(signed) William Fairbairn & Son

No 42 Madras Irri. & C. 6/
Madras 10th May 1865

To

C. A. Wilks Esqre
Asstt Engineer
Nagaloor Division

Sir

I have much pleasure in handing you a Copy of a Resolution passed by the Board Expressive of their Satisfaction at the manner in which you discharged the Special duties lately assigned to you.

I have the honor to be
Sir
Your Most Obedient Servt
(Signed) F. H. Henslow
Agent & Manager.

Madras Irrigation & Canal Co.
Bowanassy Division
Joorpad 1st September 1868

To

C. A. Wilks Esqre
Assistant Engineer

Sir

I have the honor to inform you that the following is the Extract from the Secretary letter to the Agent & Manager
No 26 of 3rd July 1868

"The Board at once agreed to this last mentioned increase Mr Wilks has really shown himself a most zealous & deserving Officer"

I have the honor to be
Sir
Your most obt Servt

/ Signed / A. J. Dodson
Executive Engineer

Madras Irr & Canal Co.
Madras 19th May 1869

No. 22

From
The Agent & Manager
To
C. A. Wilks Esq.

Sir

I have much pleasure in informing you that the Board has been pleased to confirm the Appointment which I made in March last promoting you to the rank of Executive Engineer of the Second Class with a Salary of Rs. 600 - per mensem and Allowances 150 per mensem dating from the 5th March 1869

The Secretary adds to his intimation of the Boards decision the following remarks.

"Mr. Wilks has now been in the Company's
"Service a long time and is Specially entitled
"by the manner in he has performed his duties
"as reported from time to time by his superior
"Officers to the Advancement made.

I have the honor to be
Sir
Your most obedient Sr.
(Signed) H. M. Henslow
Agent & Manager.

52 Recd 8/1882

R22/KR

Pl Enl. 2
8807/82

To the Chief Engineer for
Irrigation
Madras
through the Superintending
Engr 3rd Circle

Sir

I have the honor to address you on the subject of my present position & to ask you to recommend my letter to Govt for favourable consideration

1. The acting Supt Engineer 1st Circle on taking over charge of the M. P. C Co's works, offered on the part of Govt to continue my employment on the Canal subject to one month's notice on either side & with travelling allowance according to the P. W. D. Scale.

2. This was however, I suppose, only a temporary measure; and I trust that Govt will now place me on a more permanent footing

3. My service with the Company extends over

19 years & for since past the Executive work has been almost entirely under my control, so that I am thoroughly acquainted with every detail. I have reason to believe that the late Chief Engineer reported favourably of my services

Encl. 6. enclosures attached

The enclosed copies of testimonials will also I trust be considered

4. When on the completion of the Canal in 1871, the post of Executive (or Conservancy) Engineer of the Upper Division was offered to me I was given distinctly to understand by the Sec.t to the Co. that in the event of the transfer of the Canal Works to Gov.t (a thing sometime spoken of as imminent) I should be retained in a similar position under Gov.t.

5. It was this expectation which partly induced me to accept the post & it has been the cause of my since refusing an advantageous offer of employment under the Gov.t of New Zealand

6. Under these circumstances I would respectfully urge that my case may fairly be ~~considered~~ regarded as a special one

7. My hope is that Gov.t will be pleased to place me on the permanent establishment in the grade of Executive Engineer corresponding to that which I now hold with all privileges attached thereto including that of counting my previous service for pension

I have the honor to be
Sir
Your most obed.t Servant
C.A. Wilkes. M.I.C.E.

No. 1561.

Forwarded —
[illegible]
Engr. N.Z.
Superintending Engineer
2nd Circle
Camp Debenpetta
2nd Dec. 1882

Rec. No 52 Jcc
1882-3

From, CHIEF ENGINEER 8 DEC 1882 FOR IRRIGATION R22KR

Mr H. Wilks
Executive Engineer
Kurnool Canal

6/12 Encl. 1 8901 12

To. The Chief Engineer
for Irrigation
Madras.

Thro' The Supg Engr III Circle

Dated 2d December 82.
Desp'd 6th

Requesting that he may be placed on the permanent Establishment of the Department regarding his case as a Special one in consideration of his Past Service under the Company.

6/12

Docket from Superintending Engineer, 3rd Circle, No. 1561 dated 2nd December 1882 forwarding letter from C. H. Wilks Esq.

No. 68. E W

Encl. 7

Forwarded to the Chief Engineer Public Works Department.

+ with W

2. The Government of India in their letter No. 1558. G. dated 30th November 1882 have sanctioned the temporary employment of Mr Wilks, late Executive Engineer on the N. I & C. for works, on a salary of Rs 800 per mensem, but say that "he must not be graded in the Department."

3. In this letter now forwarded Mr Wilks brings to notice his long service under the Company, and the good testimonials he has received, and asks to be appointed to the permanent Establishment of the P.W. in the grade corresponding to that in which he is now acting.

4. In a Despatch from the Secretary of State to the Governor in Council,

For

Fort. St. George No. 10. A. dated 6th Jany 1881, is this passage "I have to inform you that, though under paragraph 5 of this office letter of the 6th November last, it is open to Your Government to take into your service such servants of the Company in India as appears to you desirable, I have been given to understand that the only servants on behalf of whom the Board of Directors have made the request for transfer to Government service are Mr Latham the Chief Engineer, and Mr Wilks, a Divisional Engineer on the works."

5. It thus appears probable that the Secretary of State would be prepared to make an exception in the case of Mr Wilks, and to sanction his appointment on the permanent Establishment, and in consideration of the excellent character I have received of Mr Wilks, from the late Chief Engineer of the Company, and from the offg Superintending Engineer who took over the works on behalf of Government, of his local Knowledge which would now be of great service to Government, and of what I have personally seen of the works carried out by him I recommend his being brought on the strength of the Department, as a supernumerary of the grade in which he is now acting to be absorbed when opportunity offers.

Camp
Kurnool Canal
16th Decr 1882

I have the honor to be
Sir
Your most obedient
humble Servant
Colonel. R. E.
Offg Chief Engineer for Irrig.

To

The Chief Engineer D. P. W.

A No 979 d/s 8-2-81.

W.W.C. No 8801

Rec. 20/12/82 Euclos 7

B No 3436 W d/s 28th Dec/82

Ordered that the following letter be read.

the tenor of the Correspondence*
as per margin be d/s
it is apparently not in-
disposed to adopt-
Could only recommend this being done in
case of an increase
being made to the present
normal Scale be Estabt.
or by the adoption of
an arrangement which
would admit of Mr
Wilkes's absorption after
such a lapse of time
as could not seriously
interfere with promotion
among his Juniors

23/12/82

Read
29/12

* Vide G.O. No 979
of 8th Feby 81.
attached

previously done has mainly in consequence of this been brought to a stand. H.E. will not discuss his opinion that the state of matters has not only given rise to feelings which are detrimental to the interests of the public service but that difficulties have already manifested themselves regarding Officers who consider that they have in the present constitution of the Department no adequate Channels of promotion

4. As regards the Case immediately under reference this Govt. while fully recognizing the desirability of keeping Mr. Wilkes in the permanent Staff of the Department a measure which indeed I have

of his professional ability, and of his intimate knowledge of all the works of the Suez Canal H.E. the Pasha could have no hesitation in substantially the recommendation which has been made were it not for the unintended addition to the promotion of Officers in this dept. which the introduction of a novitiate Officer would oblige Lesseps to introduce

3. As the Govt I am aware no less than Seven Junior Officers have been introduced into this Department Chiefly from Lesseps and promotion has

No 3437 W 28th Dec/82

To Secy. to Govt.
India

With reference to para
1 of your letter No 1558
of dated 30 Nov.
1882 ~~[illegible]~~ directing
that Mr Wilkes ~~[illegible]~~
while being employed
temporary employment,
should not be granted
permanently in the
Department I am
desired to submit
for the favorable con-
sideration of H.E. the
C.-in-C the accom-
panying* marginally
noted

2 From Mr Wilkes'
antecedents and the
very favorable opinion
formed by the Chief
Engineer the Inspector

*G.O. No 3436 W dt/28th Dec/82

Extd. in Receipt Regr.

circumstances, and it will
not be necessary to select an
Officer for the charge
of the Canal Division,
which will be a very
important one, at all
events for the next few
years, until the principal
improvements necessary to
bring the Canal into
working order have been
carried out -

2

For information and
obliging return with any
Despatch he may wish
to pass on the subject of
the letter by the S of S

27/1/83

GOVT. OF MADRAS. } 188 . { P. W. DEPT.

SECRETARY.

Chepauk, 22nd June 1882.

OFFICE NOTE.

To W

From Judicial

No. 81 S. J. 15th inst.

It would seem that the enquiry should be conducted in person by the Hills by the decision as soon as possible, as he will probably wish to reckon other employment.

If this decision be accepted as final promotions can now be made during the retirement up to full

circumstances I should not recommend his Govt. agreeing to do as to India unless the case makes an assurance from Colonel Brownlow that we could have him on the terms already suggested or. a Subcommissionership at least under such terms as would prevent his stopping promotion during the pendency of enquiry

22.1.83

S. J. The Govt would wish the subject discussed with Colonel Brownlow before further action is taken. Please therefore retain the file till then

24.1.83

Urgent

W.

The Q of I have hardly studied the case fairly. You can remind that 'on the recommendation of the Madras Govt, the Secy of State acquiesced in the services of Mr Wilks being dispensed with'. The* letter in which this 'recommendation' was made says 'Mr Wilks has been in the Company's service for 17 years and 7 months; but the retention of his services after the transfer would be undesirable, as though his knowledge of the Canal works and of the Irrigation would be valuable and his qualifications otherwise for the charge of a Division in the Public Works Department are good, it will, it is considered, be necessary to give to the officer in charge the position and powers of a Supt of Works, for which Mr Wilks would certainly be unfit. Should, however the Govt of India

* No 202 I 18th March 87

with Mr Wilks the employed in a less responsible position than the charge of the Canal, it would suppose to offer him the position of an Exec: Grade & the 3rd Grade &c. &c.'

The Canal is not such the charge of a Light of Works but is simply a Div[n] for the charge of which Mr Wilks is less qualified the qualified -

The difficulty, to my mind, is that the Department has already been obliged to take on so many men, from Engineers and Draughtsmen, in the higher grades, that good men lower down are getting disgusted, and the Madras Govt is not in a position to fight Mr Wilks battle with supporting to men who really have better claims, and therefore though I am confident I was right in recommending Mr Wilks' continued employment. I begin to think the struggle must be given up. The Q of I

might & and probably would give in if this Govt were in a position to say 'we want Exec: Engineers, here is a good man and we will keep him' but as it is necessary to propose special arrangements for keeping him on the permanent List, I do not think there is any hope of success -

I would therefore inform Mr Wilks that he can only have 'temporary employment' and if he is posted to the Kistna Delta which are expected she is prepared for over 20 years he will really be nearly as well off as on the permanent establ[t], as his previous service under the Govt will not count towards pension. As a permanent Officer has been appointed to the Kistna Mr Wilks could for the present remain on the Kurnool Canal. When he can better approached with the Canal Works Method before his transfer.

Jm
22/1/83.

E. I.
This is quite my views of the case, and under any

circumstances I could not recommend his Govt. again to go up to India with the case unless we received an assurance from Colonel Brownlow that we could have him on the terms already suggested viz: as a Subnumerary or at least under such terms as could prevent his stopping Government promotion during his furlough

22.1.83

E. I. The Govt would wish the subject discussed with Colonel Brownlow before further action is taken - Please therefore retain the file till then

24.1.83

This has now been finally settled; the G of I's letter "rescinded" - is

8
9/4

All communications should be addressed to the Secretary.

No. 81 Dy.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

GENERAL.

To

The Secretary to the Government of Madras.
Public Works Department

Fort William, 15th January 1883.

Sir

In reply to your letter No. 3737 W of 28th December 1882, recommending the permanent appointment of Mr. Wilks, temporary Engineer, to the Public Works Department, I am directed to observe that the appointment of Mr. Wilks to the permanent Establishment was originally declined on the general ground that, with the exception of Royal Engineers, no European is hereafter to be appointed, without the Sanction of the Secretary of State, to the Engineer Establishment. I am also to remind you that, on the recommendation of the Madras Government, the Secretary of State acquiesced in the Services of Mr. Wilks being dispensed with in his Despatch No. 28 dated 30th June 1881, copy of which was forwarded to you with this Office No. 307 I dated 30th July 1881, but that subsequently, on the recommendation of your Government, the Government of India sanctioned

and

and has asked the Secretary of State to confirm his temporary appointment - After full consideration therefore of the previous correspondence and of the permission accorded by the Secretary of State to take over certain Servants of the late Madras Irrigation and Canal Company, the Government of India regrets that it must reject your present recommendation, and that Mr. Wilks can only be employed as a temporary Engineer.

2. I am at the same time to remind you that the Scale of 83 Engineers sanctioned by the Government of India in its No. 1250 L dated 23 September 1881 includes one Executive Engineer and 2 Assistants for the Madras Irrigation and Canal Company's Works; consequently the suggestion made in your 4th para to the effect that your normal scale should be increased to provide an Engineer for these works is, under any circumstances, inadmissible, and the temporary appointment of Mr. Wilks is only possible because the Establishment is at present under full strength.

I have the honor to be,

Sir,

Your most Obedient Servant

G. Wodehouse

Offg Under Secretary to the Govt of India

R.A.

W.C. No. 531

Rec'd 1883

B

Oct 17/4

B No 1092 Wd 12 to April 83

Recorded

Cy

CJ
11/4

Smith

Sold in Record Mem.