(1) Number of pages 60

(2) Date of repair 16-4-38

(3) Initials of the Repairer

MADRAS RECORD OFFICE.

Government of Madras.

Public Health DEPARTMENT.

G.O. No.	Press Mk.
Dated	19

Not to be folded or roughly handled

Read the following.

No. 119. Letter from Colonel C. E. FABER, Chief Engineer; to J. D. BOURDILLON, Esq., Secretary to Government, dated 18th January 1859, No. 7137.

SIR,

In reply to Extract Minutes Consultation, No. 2789, dated 23rd December 1858, I have the honor to forward copy of a letter* from the Executive Engineer at Bangalore, furnishing the information called for by Government.

* No. 243, dated 3rd January 1859.

2. Captain Mayne states that the out-stations under his charge are four, but he includes Royacottah, which is now under the District Engineer of Salem.

3. the amount of expenditure at the out-stations he considers very small, perhaps not above 300 Rupees a year altogether, but still, if the buildings are under his charge, he must occasionally detach a subordinate to execute repairs and he suggests that the works should be entrusted to the Local Staff Officers for execution. In this proposal however I do not concur, and I think that it would be preferable to arrange that all works at out-stations in Mysore shall be executed by the Provincial Department of Public Works, with the establishment of the *Chief Engineer of that Province.*

4. With regard to the Plans and Estimates for a new Cantonment between Mysore and Seringapatam,* it is certain that the Executive Engineer at Bangalore has not at present any Surveyors, or other professional Subordinates competent to prepare them, and perhaps the aid of the Chief Engineer in Mysore may also be afforded in this case, but no assistance can be derived from the establishment allotted to Bangalore only.

* Extract Minutes Consultation, No. 2175, dated 15th October 1858.

5. Captain Mayne has alluded to his former application for an increased establishment for Bangalore, which as the Government remark, Lieutenant Colonel Lawford recommended to be tried for six months, but only as a charge on the estimates of works in progress, and not as a permanent or separate provision, and this arrangement has, to some extent, been authorized by Captain Orr on his recent visit of inspection.

6. In fact the number of Superintending Officers and Subordinates must vary with the amount of expenditure, and the outlay now going on at Bangalore assuredly demands increased means of supervision.

7. I beg therefore to recommend, for the approval of Government, the following temporary addition to the establishment of the Executive Engineer at Bangalore, chargeable to the estimates of works in progress.

	Rs.
1 Assistant Engineer...	200
1 Overseer...	80
1 Assistant do...	60
1 Sub-Overseer	40
1 Do	20
	400
For six months, Rs.	2,400

Assuming the expenditure to be Rupees 10,000 per month, this would add about 4 per cent. to the cost of superintendence, and would probably save considerably more than that sum in increased economy and greater efficiency of work.

Letter from Captain J. O. MAYNE, Executive Engineer, Bangalore; to Colonel C. E. FABER, Chief Engineer, dated Bangalore, 3rd January 1859, No. 243.

Sir,

I have the honor to acknowledge the receipt of Extract from the Proceedings of the Officiating Chief Engineer, No. 6689, dated 28th Ultimo, forwarding Extract Minutes of Consultation, No. 2789, dated 23rd Idem.

In reply to questions 1, 2, 3 and 4 in para. 6 of the above Extract Minutes of Consultation, I have the honor to reply

1st. The detached out-stations are as follows and the distance from Bangalore set respectively opposite each.

	Miles.
Mysore	84
French Rocks	74
Hurryhur	180
Royacottah	50

2ndly. The charge at these stations is small, occasionally some trifling repairs only to execute; perhaps not above Rupees 300 a year at all of them put together, still if they are to be executed by my Department, and I sent out a man from here, say twice to each station a year, his Travelling Allowance at the least rate (2 annas per mile) would be nearly Rupees 300 a year. I think the easiest way would be to entrust the Staff Officers at these stations with the repairs, they sending in the Bills on the Commanding Officer's countersignature to me for payment.

3rdly. The duties at these stations were formerly executed by the Mysore Department Public Works, but in Extract Minutes of Consultation, No. 1352, dated 13th July 1858, Public Works Department, which accompained Extract from the Proceedings of the Chief Engineer, No. 2011, dated 17th July 1858, they were all put under my charge.

4thly. The increased establishment asked for by me, viz. Rupees 340 per month did not include establishments for these out-stations, as I knew a separate application had been forwarded, but if the Staff Officers at the out-stations take charge of the repairs, the increased establishment mentioned above will suffice for all. The grounds for my application for increased Establishment are: 1st, the small establishment sanctioned, viz. Rupees 999, vide Extract Minutes of Consultation, No. 690, dated 15th April 1858, compared with the amount sanctioned for expenditure, viz. upwards of Rupees 3,75,000 or about 2½ per cent. and as I have charge of the out-stations and occasionally required to leave Bangalore (for instance I have now orders to prepare Plan and Estimate for new Barracks and Cantonment between Mysore and Seringapatam) it is absolutely necessary that some one should be here to look after such large works now in hand.

No. 120. From Colonel C. E. FABER, Chief Engineer; to J. D. BOURDILLON, Esq., Secretary to Government, dated 4th February 1859, No. 7612.

Sir,

With reference to my letter of the 18th January 1859, No. 7137, I have the honor to submit copy of a letter* from the Executive Engineer at Bangalore, requesting instructions for carrying on Repairs of Public Buildings at Hurryhur, for which a requisition had been made by the Officer Commanding the Division, and I would recommend an application to be made to the Commissioner for the aid of the local D. P. W.

* No. 269, dated 27th January 1859. 1 Copy of a letter with 2 enclosures.

Letter from Captain J. O. MAYNE, Executive Engineer, Bangalore; to Colonel C. E. FABER, Chief Engineer, dated Bangalore, 27th January 1859, No. 269.

Sir,

I have the honor to forward "Copies of Requisition" for Repairs to the Public Buildings at Hurryhur, sanctioned on emergency, by the Officer Commanding the Division, not having received as yet any orders as to how the Repairs at the out-stations are to be executed, and this being an extensive repair, including painting, White and Blue washing, &c., for about 12 Buildings. I have the honor to request early instructions as to how to act.

Letter from Colonel J. C. G. STUART, Commanding Hurryhur; to the Deputy Assistant Quarter Master General, Mysore Division, Bangalore, dated 17th January 1859, No. 30.

Sir,

I have the honor to enclose a Memo. of the Repairs required to the Public Buildings, and request you will be so good as to take steps for having them executed and the Buildings white and blue washed, two years having elapsed since this was done.

In the Memo. annexed 12 Pegs are applied for, there being none in the Serjeant's Quarters.

No. 4.

Memo.

No. The Executive Engineer is requested to have this work executed on emergency.

Officer Commanding Harryhur. By order of the Officer Commanding the Division.

Required for the Repairs of Public Buildings at Hurryhur. (Signed) J. D. BERESFORD, Lieut., *D. A. Qr. Mr. General.*

Deputy Assistant Quarter Master General's Office, Mysore, Bangalore, 21st January 1859. } Hurryhur, 17th January 1859.

(True Copies.)

(Signed) W. BIRDWOOD, Major,
Officiating Superintending Engineer.

Memo. shewing the different Repairs, &c., required to be made to the Public Buildings at Hurryhur.

	Refixing,				Broken.			
	Hooks.	Accoutrement Pegs.	Tenetians.	Panes of Glass.	Hooks.	Necessary Seat.	Penwindow Sills.	
Barracks	6	16	0	0	0	0	0	
Hospital	0	0	8	2	1	1	0	
Store	0	0	0	0	0	0	1	
12 Pegs required for the Staff Serjeant's Quarters.								

The whole of the Buildings lets down rain, and requires painting, plastering, and doors and windows, painting, white and blue washing.

Hurryhur, 17th January 1859. } (Signed) J. C. G. STUART, Colonel, *Commanding Hurryhur.*

No. 121. Order thereon, No. 588; dated 15th March 1859.

Para. 1. Resolved that the following letter on the subject of the increased establishment to be allowed to the Executive Engineer at Bangalore be despatched to the Government of India; a copy being furnished to the Chief Engineer for information, with reference to his letter dated 18th January 1859 No. 7137.

2. In the mean time the repairs to Public Buildings at the detached stations in Mysore will be conducted through the agency of the Staff Officers at those stations, as suggested by Captain Mayne, under the instructions and control of the Executive Engineer of Bangalore. Colonel Faber is requested to instruct that Officer accordingly.

(Signed) J. D. BOURDILLON,
Secretary to Government.

No. 122. Ordered in consequence that the following letter be despatched.

From J. D. BOURDILLON, Esq., Secretary to the Government of Fort Saint George; to Major R. STRACHEY, Officiating Secretary to the Government of India, dated 15th March 1859, No. 589.

SIR,

To Government of India 15th April 1858, No. 691.
Order thereon of the Government of India dated 14th June 1854, No. 2688.

Para. 1. With reference to the papers noted in the margin, I have the honor by desire of the Right Honorable the Governor in Council to submit for the consideration and orders of the Government of India the accompanying correspondence with the Chief Engineer on the subject of the Establishment attached to the Executive Engineer at Bangalore.

From Officiating Chief Engineer, 20th October 1858, No. 4699
Extract Minutes Consultation, 18th Novr. „ „ 2457
From Officiating Chief Engineer, 24th do. „ „ 5749
Extract Minutes Consultation, 23rd Decr. „ „ 2789
From Chief Engineer, ... 18th January 1859, „ 7137

2. The Government of India are aware from the Resolution of this Government dated 15th April 1858, No. 690, which formed the accompaniment to Mr. Forbes' letter of the same date No. 691, that soon after the appointment of Captain Mayne to be Executive Engineer at Bangalore, he requested to be allowed the Establishment of a First Class Executive Engineer, besides an Establishment of one Supervisor and two Sub-Overseers, besides a Storekeeper. The reasons assigned for these additions were given in the following words. "A Storekeeper is also "urgently required as there are a large quantity of Stores, and much work going on, in the "work yard. The Supervisor is very essential during the construction of the Barracks, and "afterwards when the heavy works now in hand are completed might be dispensed with. The "Sub-Overseers, I would suggest, be appointed in lieu of the Bricklayer and Carpenter Mais-"tries now on the permanent Establishment of the Superintending Engineer's Office, and the "same individuals might be appointed as Sub-Overseers. I would further point out that at "present I have not a single European subordinate, and it is very essential that one should al-"ways be on the works as I cannot always be present myself during the day."

3. The Chief Engineer suggested that Captain Mayne's Establishment should be fixed on the scale of a Second Class District Engineer, viz. at a monthly cost of Rupees 399, and that he should be further allowed a Supervisor, an Assistant Supervisor, and two Sub-Overseers, making a total charge, inclusive of the salary of the Executive Engineer, of Rupees 1,314 per mensem. The Government however allowed only Rupees 399, to provide not only for the Office Establishment but also for the Establishment of Supervisors and Overseers stated to be required; leaving it to the Executive Engineer to make his own arrangements as to the details. The total monthly expenditure thus authorized by this Government amounted to Rupees 999, being Rupees 145 above that previously authorized; and for this excess, the sanction of the Government of India was conveyed in their Proceedings dated 14th June 1858, No. 2688.

Superintending Engineer's salary and Establishment	..	854
Executive Engineer's do.	..	989
Excess	.....	145

4. Since the date of this order, the Acting Chief Engineer having been called upon, at the instance of his Excellency the Commander-in-Chief, to prepare Plans and Estimates for the buildings necessary for a new Cantonment proposed to be formed between Seringapatam and Mysore, brought to the notice of this Government the insufficiency of Captain Mayne's Establishment for carrying out the Executive and Office work connected with the Military

Extract Minutes Consultation, Mdy. Dept. 24th Septr. 1858, No. 3440.

From Colonel Lawford, 20th October 1858, No. 4699.

buildings in Mysore, in addition to that of the Cantonment of Bangalore, and suggested one of two courses; either the employment of a Permanent Establishment of an Assistant Overseer (with the usual Office Establishment) at the French Rocks, and a Sub-Overseer for Hurryhur; or that Captain Mayne should be allowed "to insert an item in his Estimate of new works and repairs under the head of Extra Establishment for that purpose."

5. Before deciding on this application, this Government asked for more particular information respecting the detached stations of the French Rocks and Hurryhur. They enquired of the Chief Engineer whether these stations belonged to the charge of the Bangalore Executive Engineer; and if so whether the nature of the duties was really such as to require the establishment asked for; and whether any and what connection existed between these detached duties and the new Cantonment proposed in lieu of the French Rocks, to lead him to make the latter proposition the occasion of applying for an Assistant and Sub-Overseer for those stations. The explanation given in reply is contained in Lieutenant Colonel Lawford's letter of the 24th November 1858 No. 5749; but that Officer it will be seen has also brought to notice the inadequacy of Captain Mayne's establishment even for the execution of the works at Bangalore, and has suggested the addition as a temporary measure of an Assistant Engineer with an allotment of Overseers, Assistant Overseers, and Sub-Overseers; the expense of the whole establishment being set down at Rupees 739 per mensem, or Rupees 340 in excess of the charge already authorized.

Extract Minutes Consultation, 18th November 1858, No. 2457.

From Colonel Lawford 24th November 1858 No. 5749.

	Rs.
Authorized charge	399
Proposed	739
Excess...	340

6. The explanations afforded not being so full or distinct as the Government desired to possess, further information on specific points was called for in Extract Minutes Consultation 23rd December 1858 No. 2789, and the reply of Colonel Faber dated 8th January 1859 is the result. The Government learn from this letter that beyond the Military works in Bangalore, there are none of any consequence in other parts of Mysore; the detached stations involving no more than a little expense in repairs, amounting in the aggregate to not above 300 Rupees per annum. Insignificant as these works are, Colonel Faber justly points out that they still require to be looked after; and no hands are available on the Executive Engineer's establishment either for this duty, or for that of preparing Plans and Estimates for the proposed new Cantonment between Mysore and Seringapatam.

7. The Chief Engineer has, like his predecessor, recommended the employment of a temporary establishment. He proposes the entertainment for six months of an Assistant Engineer, an Overseer, one Assistant Overseer, and two Sub-Overseers, at a monthly charge of Rupees 400, in addition to the establishment already allotted to the Executive Engineer; and suggests that the increase should be charged to the Estimates. Assuming the monthly expenditure at Rupees 10,000, the addition, Colonel Faber observes, "would add about 4 per cent. to the "cost of superintendence, and would probably save considerably more than that sum in in-"creased economy and greater efficiency of work." This however does not include the Executive Engineer's salary or the cost of his establishment; which would make the total cost of supervision Rupees 1,400 per mensem, or 14 per cent. on an outlay of Rupees 10,000.

	Rs.
1 Assistant Engineer	200
1 Overseer	80
1 Assistant Overseer	60
1 Sub-Overseer	40
1 do.	20
Total...	400

8. In the Budget of 1858-59 the expenditure proposed for Bangalore within the year was Rupees 3,75,745, out of sanctioned Estimates amounting to 10¼ lacs of Rupees; but the Government of India sanctioned an expenditure of only Rupees 1,68,820 besides repairs 6,925; leaving the sum of two lacs of Rupees, being the expenditure proposed for the Dragoon Barracks, to be dealt with hereafter on the receipt of certain information called for on the subject. But this Government have learnt from your letter of 13th January 1859 No. 192, that the Government of India only defer sanction for this work till satisfied that adequate provision is made for the Military defence of the Barracks.

9. In the Budget of 1859-60, the expenditure for Bangalore is set down at Rupees 3,31,090; and deducting the two lacs just referred to, the remainder Rupees 1,31,090 is

about the expenditure calculated upon by the Chief Engineer, viz. Rupees 10,000 per mensem. But as already noticed the postponment of the Barracks is only temporary, and the Government of India* has already authorized collection of materials for them. This work therefore must not be omitted in estimating the quantity of work to be provided for.

* From Officiating Under Secretary to the Government of India, dated 13th January 1859, No. 192.

10. These being the facts of the case, the points which require to be considered are

1st. The Establishment necessary for Bangalore.

2nd. The means of framing the Plans and Estimates for the proposed new Cantonment between Mysore and Seringapatam.

3rd. The provision necessary for the trifling works at the detached stations.

11. As regards the first, which is also much the most important, the Government have not been informed of the arrangements made by Captain Mayne under the permission granted him to employ the sum of Rupees 399 allowed him for establishment as he might find convenient. In now advocating an increase, the Chief Engineer gives no reason drawn from recognized principles or general experience; and the Government have not the means of judging of the fairness of the demand by comparison with other similar Executive charges. The Governor in Council has therefore deemed it advisable to place the facts of the case before the Government of India, and to solicit their decision in accordance with the experience of Bengal, which in this particular is so much larger than that of this Presidency. They would also ask the favour of being furnished with the details of some of the large Military Executive charges in Bengal, as respects both expenditure and establishments. This Government is far from being desirous to augment unduly the Engineering Establishments, but a certain charge on that account is required by true economy; and this proportion in works of this character is probably not different in Madras from what is in Bengal.

12. As regards the second point, viz. that connected with the new Cantonment, the Governor in Council is of opinion that if an adequate establishment is allowed for Bangalore, it will be quite practicable to detach persons for the Survey without the necessity for a special provision.

13. The work at the out-stations is very trifling as already shewn. The Governor in Council does not consider it necessary to maintain any separate establishment on that account, and has directed that it shall be attended to by the Staff Officer of the station, under the general instructions and control of the Executive Engineer of Bangalore.

2nd Duty — The charges of these Stations is small, occasionally some repairing & Thatching only to occur, perhaps not exceeding £100 — a year on all of them but Kistna still if they are to be preserved as may be hereafter, and should not a more

from here may there to each Station as per the

Travelling allowances at the least rate 2 Annas

per mile would be nearly £1500 a year.

I think the easiest way would be to entrust the

Staff Officers of these Stations with the repairs,

they receiving in the Bill on the Commanding

Officer's order-signature to one for payment.

3rd Duty — The duties of these Stations were for-

merly executed by the Superintending Engineer

of the Northern Circle, but in Consequence of

a Letter from Government of Fort St. George

dated 13th July 1858 & No. 2 which

accompanied Colonel Cotton's Proceedings of the

Chief Engineer dated 20th October 1858

they were all but another charge.

4th — The execution of Establishment actual

for these 3 Stations £1500 per month, dial contin-

gencies & Establishment for these and Stations, as

from a separate estimate hereby sent for

approval, and of the Staff Officers as also out

stations

Stations, the charges of the Establishment necessary

Established one to cover the above with wages for

all. The ground for any extension for ne-

cessary Establishment as of the annual

Establishment sanctioned viz. Kistna proj-

ected Circle 1858, combined with the recommend

ation for additional Pay, amount of

Rupees 1,45,000 a year 2½ for Contingencies

Rupees charge of the Establishment annually

required to cover Bangalore for instance

Rupees now under to replace Kani annual Estimate

for new Establishment Contingencies between

Superior and Principal and to be hereby

look after each charge not to more increase.

Rupees Letter from to Govt. &c.

Bangalore
3rd January 1859

Signed J. B. Fraser Captain
Executive Engineer Bangalore

True Copy

Lawrence
Superintending Engineer Circle

Copy

Public Office of Public Works
Dublin 18th August 1859

No 7137

Sir

I am directed by the Chief Engineer
to transmit to the Commissioners of
Public Works a Report dated 27th December
1858, from the Honorable the Governor of the Bahamas
forwarding the Report of the Executive Engineer
on the Lighthouses under his charge
for the year 1858
2. Explaining Sir Alexander Bannerman
that the Lighthouses under his charge are
Local Engineering & Clerical
3. He requests to be informed if the Lighthouses
Stations be considered very liberally salaried
for the Keepers & Apprentices, and if the
Lighthouses are under the charge of one Keeper
Normally stated & Subordinate to assault Keeper

Chief Clerk

Copy of Letter from the Chief Secretary
to the Lords Justices
Dated 18th August 1859
Referred to Mr Lamb
Dated 19th August 1859
Replied 20th August 1859
Mr Lamb
Copy & return
Mr Wilson
Mr Mangalore
Mr Bannerman
Mr Lamb

and he agreed that the works should be
finished by the Lord Chief Officers for every Lord
& the Right Honble Viscount Stopford and
Lord Chief Steward of the Liberties aforesaid
All works of and Estimate as Engineer should
be executed by the Honble Postmaster of
Dublin with the Advice of the Chief
Engineer of that Province.

4. That the Expence of the Salaries and
Salaries for an Assistant between Engineer
and Surveyor Clerk in the Office shall be
Defrayed by the Grand Jury of the
Liberties & Precincts of Dublin

5. That the Salaries Fees allowed to the
Surveyor of Roads for the Liberties
& Precincts of Dublin be Paid by the
Grand Jury of the Liberties aforesaid
Quarterly

6. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Dublin be Paid by the Grand Jury
of the County aforesaid Quarterly

7. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Wicklow be Paid by the Grand Jury
of the County aforesaid Quarterly

8. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Kildare be Paid by the Grand Jury
of the County aforesaid Quarterly

9. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Meath be Paid by the Grand Jury
of the County aforesaid Quarterly

10. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Louth be Paid by the Grand Jury
of the County aforesaid Quarterly

11. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Kilkenny be Paid by the Grand Jury
of the County aforesaid Quarterly

12. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Carlow be Paid by the Grand Jury
of the County aforesaid Quarterly

13. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Queens County be Paid by the Grand Jury
of the County aforesaid Quarterly

14. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Kings County be Paid by the Grand Jury
of the County aforesaid Quarterly

15. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Westmeath be Paid by the Grand Jury
of the County aforesaid Quarterly

16. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Longford be Paid by the Grand Jury
of the County aforesaid Quarterly

17. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Westmeath be Paid by the Grand Jury
of the County aforesaid Quarterly

18. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Cavan be Paid by the Grand Jury
of the County aforesaid Quarterly

19. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Monaghan be Paid by the Grand Jury
of the County aforesaid Quarterly

20. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Fermanagh be Paid by the Grand Jury
of the County aforesaid Quarterly

21. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Tyrone be Paid by the Grand Jury
of the County aforesaid Quarterly

22. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Donegal be Paid by the Grand Jury
of the County aforesaid Quarterly

23. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Londonderry be Paid by the Grand Jury
of the County aforesaid Quarterly

24. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Antrim be Paid by the Grand Jury
of the County aforesaid Quarterly

25. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Down be Paid by the Grand Jury
of the County aforesaid Quarterly

26. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Armagh be Paid by the Grand Jury
of the County aforesaid Quarterly

27. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Tipperary be Paid by the Grand Jury
of the County aforesaid Quarterly

28. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Limerick be Paid by the Grand Jury
of the County aforesaid Quarterly

29. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Clare be Paid by the Grand Jury
of the County aforesaid Quarterly

30. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Kerry be Paid by the Grand Jury
of the County aforesaid Quarterly

31. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Cork be Paid by the Grand Jury
of the County aforesaid Quarterly

32. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Waterford be Paid by the Grand Jury
of the County aforesaid Quarterly

33. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Wexford be Paid by the Grand Jury
of the County aforesaid Quarterly

34. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Kilkenny be Paid by the Grand Jury
of the County aforesaid Quarterly

35. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Carlow be Paid by the Grand Jury
of the County aforesaid Quarterly

36. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Queens County be Paid by the Grand Jury
of the County aforesaid Quarterly

37. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Kings County be Paid by the Grand Jury
of the County aforesaid Quarterly

38. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Westmeath be Paid by the Grand Jury
of the County aforesaid Quarterly

39. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Longford be Paid by the Grand Jury
of the County aforesaid Quarterly

40. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Cavan be Paid by the Grand Jury
of the County aforesaid Quarterly

41. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Monaghan be Paid by the Grand Jury
of the County aforesaid Quarterly

42. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Fermanagh be Paid by the Grand Jury
of the County aforesaid Quarterly

43. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Tyrone be Paid by the Grand Jury
of the County aforesaid Quarterly

44. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Donegal be Paid by the Grand Jury
of the County aforesaid Quarterly

45. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Londonderry be Paid by the Grand Jury
of the County aforesaid Quarterly

46. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Antrim be Paid by the Grand Jury
of the County aforesaid Quarterly

47. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Down be Paid by the Grand Jury
of the County aforesaid Quarterly

48. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Armagh be Paid by the Grand Jury
of the County aforesaid Quarterly

49. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Tipperary be Paid by the Grand Jury
of the County aforesaid Quarterly

50. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Limerick be Paid by the Grand Jury
of the County aforesaid Quarterly

51. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Clare be Paid by the Grand Jury
of the County aforesaid Quarterly

52. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Kerry be Paid by the Grand Jury
of the County aforesaid Quarterly

53. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Cork be Paid by the Grand Jury
of the County aforesaid Quarterly

54. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Waterford be Paid by the Grand Jury
of the County aforesaid Quarterly

55. That the Salaries Fees allowed to the
Surveyor of Roads for the County
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68. That the Salaries Fees allowed to the
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69. That the Salaries Fees allowed to the
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71. That the Salaries Fees allowed to the
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Surveyor of Roads for the County
of Kilkenny be Paid by the Grand Jury
of the County aforesaid Quarterly

233. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Carlow be Paid by the Grand Jury
of the County aforesaid Quarterly

234. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Queens County be Paid by the Grand Jury
of the County aforesaid Quarterly

235. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Kings County be Paid by the Grand Jury
of the County aforesaid Quarterly

236. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Westmeath be Paid by the Grand Jury
of the County aforesaid Quarterly

237. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Longford be Paid by the Grand Jury
of the County aforesaid Quarterly

238. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Cavan be Paid by the Grand Jury
of the County aforesaid Quarterly

239. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Monaghan be Paid by the Grand Jury
of the County aforesaid Quarterly

240. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Fermanagh be Paid by the Grand Jury
of the County aforesaid Quarterly

241. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Tyrone be Paid by the Grand Jury
of the County aforesaid Quarterly

242. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Donegal be Paid by the Grand Jury
of the County aforesaid Quarterly

243. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Londonderry be Paid by the Grand Jury
of the County aforesaid Quarterly

244. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Antrim be Paid by the Grand Jury
of the County aforesaid Quarterly

245. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Down be Paid by the Grand Jury
of the County aforesaid Quarterly

246. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Armagh be Paid by the Grand Jury
of the County aforesaid Quarterly

247. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Tipperary be Paid by the Grand Jury
of the County aforesaid Quarterly

248. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Limerick be Paid by the Grand Jury
of the County aforesaid Quarterly

249. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Clare be Paid by the Grand Jury
of the County aforesaid Quarterly

250. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Kerry be Paid by the Grand Jury
of the County aforesaid Quarterly

251. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Cork be Paid by the Grand Jury
of the County aforesaid Quarterly

252. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Waterford be Paid by the Grand Jury
of the County aforesaid Quarterly

253. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Wexford be Paid by the Grand Jury
of the County aforesaid Quarterly

254. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Kilkenny be Paid by the Grand Jury
of the County aforesaid Quarterly

255. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Carlow be Paid by the Grand Jury
of the County aforesaid Quarterly

256. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Queens County be Paid by the Grand Jury
of the County aforesaid Quarterly

257. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Kings County be Paid by the Grand Jury
of the County aforesaid Quarterly

258. That the Salaries Fees allowed to the
Surveyor of Roads for the County
of Westmeath be Paid by the Grand Jury
of the County a

Whereby I am commanded to Give this
Time an Account of my Proceedings
after the

Capt. Coffee of the
Ship Charles
of London

Thomas Thornton
Esq.

Commander

Chief Surgeon

The Secretary to Government

Public Notice Dated 16

Lond

Abstract showing the different Repairs required to be made to the Public Buildings at Quarrybar

	Repairs						
	Slates	Carpenters work	Plasterers	Painters & Glaziers	Masons	Plumbers & Gasfitters	Paviors
Barracks	6	15	-	-	-	-	-
Hospital	-	-	8	2	1	1	-
Store	-	-	-	-	-	-	1

12 Regts requiring for the Staff Sergeants Quarters

The whole of Buildings to be done Plain, and Repairs painting plastering, & doors, & windows painting white and blue inside.

Quarrybar
4th Jany 69

J. Shaw Capt
Lieut & Adjt

Lieut & Adjt 69 Shaw Capt
Com. Quarrybar

J. Turner Capt
Brigade Major

Lieut & Adjt 69 D.C. Images Capt
Staff Sergeant

Lieut & Adjt 69 Shaw Capt
Com. Quarrybar

J. Turner Capt
Brigade Major

Lieut & Adjt 69 D.C. Images Capt
Staff Sergeant

Messrs

The Secretary Treasurer
& Superintendent of Lands & Works
are hereby directed to carry into
effect

By order of the
Officers Commanding Corps
The Chief Engineer

Lieut. R. Barrington Lieut
Lieut. Dr. Jno. Geo. &

Lieut. Colonel Commanding Royal Engineers
Royal Engineers Office
Quebec 1st March 1859

Sir

I am directed by the Officer Commanding the Royal Engineers to request that you will be pleased to cause the Bell at the Citadel to be rung at 9 o'clock this evening, in order to recall the Men of the Royal Engineers who may be absent from their Quarters at that hour.

I have the honor to be
Sir
Your most obedient
humble Servant
C. Pasley Major
Commanding Royal Engineers

To
Mr. Bartlett
Citadel

Memorandum -

Q7. By a Telegraphic Message from the Government of India dated 5th February 1858. No 215, this Government was called to appoint an Officer of Standing and Grades suited to the Bangalore charge, the extent and weight of which, it was observed, was not sufficiently known in Bengal -

8th February 1858. 2 Lieutenant J.O. Prougues was accordingly appointed First Class Executive Engineer of Bangalore in succession to Major De Batte relieved from the Office of Superintending Engineer of the Mysore Division, and the circumstances which induced this Government to regard the Bangalore charge as one properly appertaining to that of a First Class Executive Officer are to be found in the Memorandum furnished by the Chief Engineer of Mysore of Military works in the Cantonment of Bangalore.

already

already sanctioned and remaining to be sanctioned thus.

	Amount of Estimate	Amount expended to 1st Dec. 57	Balance.
11 Works sanctioned	801640	107330	694310.
13 Works to be sanctioned	312610	——	312610.
			Rs. 1006920.

The matter was referred to the Govt. of India and the expenditure was approved.

3 On the 8th March 1858 the Chief Engineer forwarded a letter from the Executive Engineer of Bangalore, in which amongst other matters he alluded to the strength of his Establishment. Colonel Farber observed that three persons in the Subordinate Engineer Grade

	Rs.
For Salary	700
For Establishment	154
and he proposed that Rs. 854	
Progress should be allowed	
Contra	Rs. 600
Office Establishment as per Schedule	399
1 Surveyor	200
1 Assistant Overseer	80
1 Sub Overseer 1st Class 1st Grade	60
3 " " 2nd "	35
	375 1374
Increase	$20.

Ex: Mil: Cs: 15th April 1858 No. 690.

4. The Government confirmed the Chief Engineers thought they were not prepared to sanction so large an increase as was involved in the Chief Engineers arrangement; considering, that the duties of the Executive Engineer at Bangalore were different from those ordinarily devolving on District Engineers, being confined entirely to Military buildings without any connection with roads, bridges, or irrigation works, that the preparation of plans and estimates, and the office correspondence generally, would be very limited, the Government were of opinion that the Divn. allowed to a District Engr. of the second class for establishment, should suffice for all purposes. They accordingly, sanctioned monthly Government Order No. 399 to the Executive Engineer for his Office Establishment, and left it to him to modify his arrangements, by the transfers

&c.

the increase of Cost was as follows.

	Rs	Rs	Rs.
Previous Charges	700	+ 152 =	852
Present Charges	600	+ 399 =	999
		Increase	147

The matter was reported to the Govt of India & the sanctions of that authority to the increased Charge were Communicated in their Proceedings dated 4th June 1858 № 2688.

5. In Extract Minutes Consn 24th September 1858 the Government in the Military Department called for Plans and Estimates for the Buildings necessary for the formation of a Contonment on a site between Seringapatam and Mysore, and instructions having been issued to that effect in the Public Works Department, last Year after the representation of the inefficiency of the Establishment allotted to Captain Meagher for Carrying out the Executive and Office work connected with the Military Buildings at Mysore in addition to that of the Contonment

Cy: able 6: 15th October 1858 № 2195

"Contonment of Bangalore" and Colonel Lawford suggested "that either some "permanent establishment be allotted "to Captain Meagher for the Supervision "and charge of the Military Buildings "at the French rocks and Seringapatam "in Mysore, or that he be allowed to "insert an item in his Estimate of "new works and repairs under the "head of "Extra Establishment" for that "purpose.

6. Before deciding on this question the Government called for further information respecting these detached Stations and the amount of duty devolving in Correspondence on the Bangalore Executive Officer. After some Correspondence on the subject it appeared from the latter none before Govt that beyond the Military works in Bangalore, there are none of any Consequence in other parts of Mysore and that those works require to be looked after, and no Funds are available for

for the preparation of the plans and Estimates for the new Cantonment. Colonel Faber says that the expenditure now going on at Bangalore demands increased means of supervision, and he suggests the following temporary additions to Captain Mayne's Establishment.

1 Assistant Engineer	200.
1 Overseer	80.
1 Assistant overseer	60
1 Sub Overseer	40
2 Do	20
	400 Rs for 6 months = 2,400 Rs

Percentage 3 per cent 7 ~~per cent~~ 399

The scale of assuming the expenditure to be Rupees 10,000 per month this would add about 4 per cent to the cost of Superintendence. This would not however appear to be a correct view of the case. The present charge is set down before Rupees 999 and if 400 Rs more be added, making about 1,400 Rs the cost of Supervision on an expenditure of 10,000 Rupees will be 14 per cent.

The

The Government of India are to be left to sanction an assistant Engineer, and it only remains to be seen, whether the subordinate agency is needed to the extent shown.

7 In the Budget of 1858/59 there were the following Estimates and Expenditure proposed to the Government of India for Bangalore within the Year.

	Estimates	Proposed Expenditure.
No 1 Statements	239,040	82,400.
" 2 Do	810,990.	285,420.
	1,050,030	368,820
Repairs		6,925
		375,745

The Government of India however sanctioned an Expenditure of only Rupees 83,400 and 85,420 total 168,820.

8 In the Budget of 1859/60 the total Expenditure for Bangalore is set down at Rupees 326,000, besides 5,000 Rupees for Repairs, total 331,000 but of this two Lacs are on account of the new Dragoon barracks is not likely to be pushed by the Government of India, the remainder Rupees 131,000 is about the Expenditure contemplated by the Chief Engineer Rupees 10,000 per Mensem

9 At the Presidency the Complement of Officers is as follows.

Garrison Engineer	1 Garrison Engineer	500.
	Fix Establishment	414
	1 Overseer	85
	1 Assistant Overseer	70.
	7 Sub Overseers from 15 to 40 Rs	205
	1 Store Keeper	30
	1 Apprentice	4
	Total Establishment	914
Civil Architect & Civil Architect	Salary	700
	Fix Establishment	553-8
	1 Overseer	85
	1 Assistant Overseer	70
	9 Sub Overseers from 15 to 35 Rs	205
	1 Store Keeper	40
	1 Apprentice	4
	Total Establishment	963-8

10 The proposed Expenditure at the Presidency in the above Departments as contrasted with Disbursements below.

	Salary	Establish-ment.	Proposed expenditure - 1858/59	1859/60.
Garrison Engineer	500	914	390561	353187.
Civil Architect	700	963-8	29731	64022.
Allowance	600	399	Proposed 375745	331090.
			Sanctioned 175745	131090.

Rs 1-2 = 108820.
Reserve 66925.
175745.

Rs
Staff 1374
Salary 600
Total 774

Dispatch from Court of Directors to Bengal, 1858

Para 1 I have had the honor of submitting to your consideration in my letter of the 2nd instant the Estimates for the Military Expenditure of the Presidency of Fort William in Bengal for the year 1858-59.

2nd The Estimate necessary for Bengal and the manner of framing the Estimates for the next Financial year.

3rd The provision for the Territories under the Government of the North Western Provinces.

4 The first is the most important as it comprises the expenditure at Bengal with that at the Presidency of Fort William, and the Estimate for the Establishment of the Corps of Engineers (see also Para 33) cannot be framed with correctness - that Establishment being a Staff Establishment of Rs 774 at Bengal, with an establishment of about 130,000 Rs. Under the former Engineering charges of 350,000 Rs. Establishment Rs 914; & the Civil Architect charges of 2 Lacs, Establishment Rs 963-8.

And according to the Bengal Memorandum

the expenditure at Sangalore is likely to exceed 130,000 Rupees a year —

It is not stated what arrangements have actually been made by Capt. Mayne, under the permission of Govt to employ the Rs 599 Rupees as he might find convenient: but it certainly seems that either he is allowed too little help on the Bhonsulay Survey — or this too much —

The Ch. Engr. places before Govt no reasons for advocating an increase, & no warranty for the granting of the demand — I advise a letter for information to the Collector & correspondence of Dr. Officers in Bengal, but he can give none — by any increase is the point in which he necessary to apply to Bengal, & it seems to me that the best work of applying will be to visit the forts, & ask for a revision in accordance with the estimates of Bengal, which in this fortnight is so much longer than ever! — We might be asked also to revise the details of some of these large Executive charges, as to Establishments & Salaries

Govt. The Govt of Bombay have now authorized the collection of materials for the Station Barracks, & the construction will probably be commenced —

with reference to the correspondence with the Civil Architect office on the Survey, I may notice that the Civ. A. has now asked for a large increase of European establishment —

The proportion of 14 per % mentioned in P. 6 of this memo. as the result of operations of the Ch. E. for Bombay does not seem too large — but what is the objection to that the work which proposed is carried out without any reference to the proposed Commission work?

The Ch. E. recommends the increased proposed by him (Para 7.) for 6 months; but if carried this is 12 the Govt recommendation — but does not seem to me sufficient — but I think a Salary

[illegible] ordered by Col. Rawdon,
on even an Asst Surveyor, and
to Lieut Ross an Asst Engineer -
2nd to be under the Direction
of Lieut Gen, I think that is an
Error intended for Lieut Gen to Hum-
phrey, & with the Troops there to
make Fascines for the necessary Sum-
mer &c. without a special Warrant
for the Purpose -
3rd The works at No 3
Gun Battery, is very Inferior & 300 Rd. Pr Cl. E. C. 3.
Expence & Capable of [illegible] more
than what is intended by the
Staff Officer ordered by Capt Chazey
(Plan 2) or by the Assistant Engr
Lieut Ross (P. 3)
Fascines only is to be [illegible]
Gun Battery which will be the
only Work finished -

Gen Clinton

Gen Campbell Secretary Chauncy &c &c
Secretaries & Lords

Inscrit

N° 588

Extrait d'une délibération du Conseil
Municipal
d'Etat de la Ville de 18e Janvier 1859.

Accordée fondation d'une
grande Ecole Supérieure.

(Pour voir 18e Janvier 1859 N° 6)

4

Et Résolut Qu'il sera fondé
une Ecole Supérieure
de Commerce et d'Industrie
à la Ville de Liège
Que cette Ecole sera
placée sous la Surveillance
du Collège des Bourgmestre
et Echevins de la Ville
Que le Programme
des Cours et la Durée
des Etudes seront
déterminés par le Conseil
de Perfectionnement
de l'Ecole, sur la proposition
du Collège
Que les Cours seront
donnés par des Professeurs
Ingénieurs
Que le Conseil de Perfectionnement
sera composé
de Cinq Membres
dont deux Ingénieurs
Que le Collège
des Bourgmestre et Echevins
est chargé
de l'exécution
de la présente
Délibération

2 Que la Ville versera dans la
Caisse

The Secretary to Government
of Bombay with the Letters
noted in the Margin forwarded
for Consideration through the
Secretary of the Staff Officers
at Thana Station, on Enquiries of
the Postmaster General, under
the instructions contained in Govt. Banglore,
Colonel Tucker &c respecting
~~Lieutenant~~ to institute that
Officer accordingly.
~~Lieutenant Engineer Corps.~~
~~Under the subject.~~

Read

Letter from the Asst Secy to Govt Dated 16th
with Letter to Govt
of India.

Pub

1:589

Extract Desp.ch 18.

2 No

Major R Strachey
Offg Secy to the Government of
India

Sir,

I am I With reference
to the proposals noted and the
Marginal Minute the Honble
by direction of the Right Honble
the Governor in Council
to direct for the consi-
deration and orders of the
Government of India the
accompanying correspond-
ence with the Chief Engineer
on the subject of the Calcu-
lations submitted to the
Executive Engineer at Jeun-
pore.

2 The Government
of Bengal and accompanying
the Resolution of that Govt
dated 15 April 1858 No 690
which forwarded the accom-
panying letter from the
Secretary to the Board
of Revenue dated

No 690

In Govt of India 15 April/58 No 691
under thereon of the Govt of India
of 16 June/58 No 2658

Genl Dept
Genl Dept

Board's Letter dated 20 Oct 1858 No 4699
Ex Chief Engr — 18 Nov " " 5437
From Offg Ch Engr 24 " " " 5769
Ex Chief Engr — 23 Dec " " 6784
From Chief Engr — 18 Jany/59 " 7437

Rd 18 Jan 59

To
Richard Strachey Esq
Secy to the Govt of India
Public Works Dept

Sir,

I am directed by the Board of Revenue to forward the under-noted papers for the information of the Right Honble the Governor in Council.

Fort William 15th April 1858

From Secretary Board of Revenue
No 690 dated 15th April 1858
Enclosing Executive Engineer Jeunpore's
No 1 dated 18th March 1858
Ditto Ditto No 2 dated 18th March 1858
Ditto Ditto No 3 dated 18th March 1858
Ditto Ditto No 4 dated 18th March 1858
Ditto Ditto No 5 dated 18th March 1858
Ditto Ditto No 6 dated 18th March 1858
Ditto Ditto No 7 dated 18th March 1858
Ditto Ditto No 8 dated 18th March 1858
Ditto Ditto No 9 dated 18th March 1858
Ditto Ditto No 10 dated 18th March 1858

Rd 18 Jan 59

"Carpenter allowances now
"on the permanent Establishment of the Superintending Engineers' Office,
"would the same individuals
"may best be appointed as
"Sub Overseers - I would pro-
"pose that at
"present Sheerness and a sin-
"gle European Subordinate,
"and it is very essential
"that one should always
"be on the works as Seamen
"always be present during
"during the day."

3 The Chief Engineer
suggested that Carpenters
Clerks' establishment
should be fixed on the
scale of a second Class
Dockyard Engineer, viz. at
a Monthly cost of Rupees
333 and that he should
be further allowed a Ser-
jeant, one Lance Corpl
Sepoy, and Three Coolies
Overseers, making a total
charge, exclusive of the
salary of the Executive

Engineer

Engineers of Officers £534
per Clerk &c. The Go-
-vernment however al-
-lowed only Officers 3991
to provide such only for
the Officers Establish-
-ment such as for the
Establishment of Super-
-intendents and Overseers employed
to be required, leaving it
to the Executive Engineer
to make his own arrange-
-ments as to the Clerks
employed.
The total Expenditure
thus authorized by the
Government amounted
to Officers 999, being
Officers 465 above that
previously authorized,
and for these Excess the
immediate Cause of the Govern-
-ment of India were con-
-sulted and their Proceed-
-ings thereon the June 1858
-No 2658.

4. Since the date
of these orders, the Acting
Chief Engineer having

Supt Engr Salary Establt — 854
Executive Engrs do do — 999
Excess 465.

Ex Mins Com Mdy Dept 24 Sept 58 No 3446.

From Lt Col Sandford 20 Oct 58 No 4699

been called upon
to report on the
-sistance of Officers Ex
-ecutive and Subor-
-dinate, to prepare
plans and Estimates
for the Buildings nece-
-sary for a new Establish-
-ment proposed to be
formed between Se-
-ringapatam and Bellary
brought to the notice of
their Government the
insufficiency of Establish-
-ments established
for carrying out the
Executive and Office
work connected with
the Military Buildings
in Mysore, and selection
to that of the Commission-
-ment

ment of Bengalore
and suggested one of
the causes, further the
employment of a
permanent establish-
ment of an Assistant
Overseer with the usual
Office Establishment
at the French Rocks, and
a Sub Overseer for Bury-
-ram, or that Captain
Haynes should be
allowed to have
an Atam and two Co-
-olies of new work
and repairs under the
head of Extra Cost.
Establishment for that
purpose."

Before

5 Before deciding
on this application, this
Government would feel ob-
liged by more particular information
respecting the detached
Stations of the French
Rocks and Bhairnhas, being
required if the Chief Engi-
neer is of opinion these
Stations be charged to the
charge of the Executive Engineer, and
if so whether the nature
of the duties were such
as to require the
establishment asked for,
and whether any addi-
tional communication existed
between these detached
stations and the main
Continuation Road to the
foot of the French
Rocks, to which have
to

Ry Mun Cons 18 Nov 1858 No 24

The Letter from Pontin The accounts

& number ~~of Transport Bills~~

of expenses for an Assistant

and Sub Overseer for three

Stations. The explanation from Col Crawford 24th Nov 1858

given in reply is contained N. 3749

in Lieut Colonel Crawfords

letter of the 24th November

1858 No 3749 but that

Officer if will be recd

has also brought to notice

the inadequacy of Captain

Shaynes establishment

even for the execution of

the routine at Bangalore,

and has suggested the

addition of a temporary

increase of one Assistant

Engineer with an establishment

of Overseers, Assistant

Overseers, and Sub Overseers,

the expense of which

establishment being debited

down at Rupees 1389 per

Annum.

authorized charge ——— 399

Proposed ——— 739

Excess 340

Mysore, or Rs 340 in excess of the charge allowed authorized.

6. The explanations offered not being wholly or distinctly on the point desired by further information are respectfully called for in Secret Mins Cons 28th December 1858 No 2789, and the reply of Colonel Faber dated 18th January 1859 is the result. The Government learn from this letter that beyond the Military Cantonment Bangalore, there are none of any consequence in either parts of Mysore, the detached Stations vizt. not being one more than a little expense in repairs amounting

amounting in the aggregate
to not above 300 Rupees an-
num. Insignificant
these works are, Colonel
Fisher pretty fairly points out,
that they should require
to be looked after; and
no person can be allowed
on the Executive Engineer
establishment, either for
this duty, or for that
of superintending plants and
estimates for the proposed
new Cantonment between
Hyderabad and Secunderabad.

7. The Chief Engineer
has, like his predecessor,
recommended the employ-
ment of a Conductor
extra Establishment. He proposes
the establishment for the
months of an Assistant
Engineer, an Overseer
and Assistant Overseer,

1 Assistant Engineer	Rs 200
1 Overseer	" 80
1 Assistant Overseer	" 60
1 Do Overseer	" 40
1 Do do	" 20
	Rs 400

and two Sub Overseers,
at a monthly charge of
Rupees 400, in addition
to the establishment
already allotted to the
Executive Engineer;
and suggests that the
increase under the charge
of the Estimator. Assuming
the monthly expenditure
at Rs 19,000, the establishment
Colonel Fisher observes, "would
"cost about 4 per cent to the
"cost of Superintendence,
"and would probably save
"considerably more than that
"sum on unnecessary
"and greater efficiency of work-
"ing. He however does not include
the Executive Engineer's salary
or the cost of his establishment,
which would make the
total cost of Superintendence,
Rupees 1960 per month,

7

or 1/4 per cent on an outlay
of Rupees 10,000.

8 In the Budget of 1858/59
the expenditure proposed
for Bangalore within the
year was Rupees 53,745,
out of various Establishments
amounting to 10½ lacs
of Rupees; but the Govt
of India sanctioned expen-
ditures of only Rs 108820
besides retaining 6925; leaving
the sum of two lacs of Rupees,
being the expenditure proposed
for the Dragoon barracks,
to be dealt with ~~by~~ on receipt
on the receipt of estimates
& information called for on the
subject. Should the Govt have
occasion from your letter of
13th January 59 - 1/92 that the Govt
of India may defer sanctioning
for this work to be completed
until a Report is received
made for the Relieving Officers
of the barracks.

9 In the Budget
of 1859/60 the expenditure for
Bangalore

From Offg. Under Secy to the Govt of India dated 12th February 1859 - 1/92.

Bangalore is set down at
Rupees 331090; and deducting
the two lacks just referred to,
the remainder Rupees 131090 is
about the expenditure calcu-
-lated upon by the Chief Engr
Viz Rupees 10000 per mensem.
But as already noticed the
fortifications of the barracks
is only temporary, and the
Government of India have
already authorized collection
of materials for them. This
work therefore must not be
omitted in estimating the
quantity of work to be provided
for.

10 There being the points of
the case, the points which require
to be considered are,

1st The establishments necessary for Bangalore -
2d The means of framing the Plans and Estimates for the
proposed new Cantonment between Mysore & Seringapatam
3d The provision necessary for the trifling works at the
detached stations -

&c

11 ster regards the first,
which is also much the most
important, the Government
have not been informed of
the arrangements made
by Captain Haynes under
the permission granted him
to employ the sum of Rupees
399 allowed him for establish-
ments on the night final
Comparisons. In more volu-
minous, an increase, the Colleg
Engineer gives no reasons
drawn from recognized prin-
ciples or general experi-
ence, and the Government
have not the means of judg-
ing of the fairness of the
demand by Comparison with
other similar executive
charges. The Governor in
Council have therefore deemed
it advisable to place the facts

of

51

of the case before the Govt
of India, and to solicit their
decision in accordance with
the experience of Bengal, in
which in their particular is
so much larger than that
of their Presidency. They would
also seek the favour of being
furnished with the details
of some of the large Military
Executive Charges in Bengal,
as respects both expenditure
and establishments. This
Government is far from being
desirous to augment unduly,
the Engineering establishments,
but as certain charges on
that account is required by
true economy, and their propor-
tion in words of this character
is probably not different in
Madras from what is in Bengal
12 ster regards the second
point, viz that connected with
the

the new Contonment, the Governor in Council is of opinion that if an adequate establishment is allowed for Bangalore, it will be quite practicable to detach persons for the Survey without the necessity for a special provision.

13 The work at the Contonments is very trifling as already shewn - The Governor in Council does not consider it necessary to maintain any separate establishment on that account, and has directed that it shall be attended to by the Staff Officer of the Station, under the general instructions and control of the Executive Engineer of Bangalore -

Fort St George
15th March 1859.

Public Works 1859 — Dept.
Cons: 15th March.

No 589.

To The Offg Secretary to
Govt. of India.
Dated 15th March 59.

Your Do. No 20 Oct.
1859 & Do. 296 Cons.

Forwarding Copies of Records
& correct nominal Statement of the
Establishments attached to
the Executive Engineer and
Surveyor.

No 22

224 Entd 18th March