596 D 1.9.86. 22 D. 16.4.86.
291 D. 24.6.86. 976 C 29.5.86
2010 W 12.8.86. 1787 C 5.11.86
2382 } W 24.8.86 2035 6.8.86
2381 }
3065 W 30.10.83.
23 D. 16.4.86.
174 D. 25.5.86.
78 D 3.5.86.
24 D. 16.4.86.

B. No. 2557 pr of 30 Sept-/86
PS

Recorded.
Recorded

29/9/86

Lee
30/9/86

P.W.C. No. 7598

Govt. of {1886} Madras.

MILITARY.

To

THE QUARTER MASTER GENERAL,
&c., &c., &c.

15.S.C

Dated September, 24th.

Issued

Recd. 29.9.86 *Encl.*

G.O., 24th September 1886, No. 5947.

B. No. 2557 pr of 30-9-86

SEPTEMBER.
Nos. 384—388.

W/3819

W
30-9

Establishments.

Military Works Department.—Correspondence from the Public Works Department containing the opinion of the Government of Madras regarding the introduction into this Presidency of a —, forwarded to the Government of India.

Lee
13/10.

In the order to

GOVERNMENT OF MADRAS.

MILITARY DEPARTMENT.

24th September 1886, No. 5947.

Establishments.

Read the following papers:—

No. 384. *From Colonel O. R. NEWMARCH, Offg. Secretary to the Government of India, Military Department, to Lieut.-Colonel A. KENNEY-HERBERT, Secretary to the Government of Madras, Military Department; dated Fort William, 16th March 1886, No. 378-MW.*

Establishments.

I am directed to forward, for the information of His Excellency the Governor in Council, a copy of a Military Despatch, No. 270, dated 15th October 1885, received from the Secretary of State conveying his Lordship's sanction to the measure proposed by the Government of Madras in 1883 for the formation of a Military Works Department in that Presidency corresponding to the Military Works Department under the Government of India.

2. I am now to ask that, under the orders of His Excellency in Council, detailed proposals for the organization of the Military Works Department of the Madras Presidency may be drawn up, and that a list of the names of the officers and subordinates selected to form the staff of the new department may be prepared.

3. In drawing up these proposals, the local administrations of the provinces where Madras troops are stationed outside the limits of the Madras Presidency should be communicated with, in order to ascertain what establishment can be transferred to the new department, and what reduction will be possible in the establishments of the Public Works Department of the local administrations when these are relieved of all Military Works.

4. The proposals of the Provincial Government should also include the arrangements which may be deemed suitable for the accounts of Military Works under the new organization.

5. When the proposals have been matured, I am to request that they may be submitted to the Government of India for consideration and approval before any orders are passed upon them.

Military Despatch from the Right Honorable the Secretary of State for India, to His Excellency the Right Honorable the Governor-General of India in Council; dated India Office, London, 15th October 1885, No. 270.

Formation of Military Works Department in Madras and Bombay.

The military letter from the Government of India, No. 206, dated 29th October 1883, forwarding for Lord Kimberley's consideration a proposal by the Government of Madras for the formation of a Military Works Branch of the Public Works Department in that Presidency, was not replied to pending the submission of a report by a committee under the presidency of Lord Penzance on the question of the continuous employment in India of Officers of Royal Engineers on the Imperial List.

2. The recommendations of that committee have now been embodied in a Royal Warrant, which will shortly reach you. Meanwhile, I have received with your military letter, No. 62, dated 4th May 1885, a copy of the Special India Army Circular of the 14th March 1885, declaring the Military Works Department of your Government to be the normal employment of all Royal Engineer Officers, and equivalent to regimental duty to which those officers appointed to Bengal will in ordinary course be posted on their arrival in the country.

3. This decision, of which I approve and which has the entire concurrence of His Royal Highness the Field Marshal Commanding-in-Chief, seems to me to render it necessary that a similar course shall be followed in the Presidencies of Madras and Bombay. In this view, therefore, corresponding Military Works Departments should be created under those Governments. I accordingly sanction the measure proposed by the Government of Madras in 1883, and I authorize your Lordship, in communication with the Government of Bombay, to introduce a similar measure in that Presidency.

No. 2365.

Referred to the Public Works Department.

(By Order.)

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
Secretary to Government.

OOTACAMUND,
15*th April* 1886.

No. 385. *Memorandum from Colonel J. SHAW-STEWART, R.E., Secretary to Government, Public Works Department, to Lieutenant-Colonel A. KENNEY-HERBERT, Secretary to Government, Military Department; dated Ootacamund, 24th June* 1886, *No.* 291-*D.*

In returning the Government of India letter forwarded under Military Department endorsement No. 2365, dated 15th April 1886, the undersigned has the honor to submit the undermentioned letters from the local Governments, &c., who have been communicated with, as suggested in para. 3 of the letter from the Government of India :—

From Secretary to Chief Commr., British Burma, dated 22nd April 1886, No. 2761.
From Secretary to Govt. of Bombay, P.W.D., dated 27th April 1886, No. 49-B.
From Secretary to Resident, Hyderabad, dated 30th April 1886, No. 72-MW.
From Secretary to Chief Commr., C. P., dated 15th May 1886, No. 3212.

2. The Government of Bombay state that no portion of their Public Works establishment will be available for transfer to the proposed Madras Military Works Branch, and that no reduction will be possible in that establishment when the works connected with the Belgaum Command are transferred to the new department. The Hyderabad Public Works Department will be able to transfer the following establishment :—

1 Executive Engineer, 2nd grade;
1 Assistant Engineer, 2nd grade;
2 Supervisors, 1st grade;
1 Sub-overseer, 1st grade;
1 Accountant, 4th grade;

and the entire clerical establishment of the Executive Engineer, Secunderabad.

A corresponding reduction will be made in the strength of the Hyderabad Public Works Department. In British Burma—

3 Sub-Engineers and
1 Supervisor

will be available for transfer. In the Central Provinces—

1 Upper subordinate, 1 Lower subordinate } rank not stated

can be transferred. No officer can be spared at present; but the Chief Commissioner states Lieutenant-Colonel Peters, R.E., Executive Engineer, 1st grade, will be transferred on his return to the province from railway work. In Madras the Government in the Public Works Department are prepared to nominate for the Military Works Branch—

1 Superintending Engineer,
2 Executive Engineers, and
7 Upper subordinates,

but the actual measure of reduction in the Madras Provincial establishment will only be one Executive Engineer, seven upper subordinates, and the entire clerical and petty establishment of the existing Presidency division.

3. The following detailed proposals for the organization of the Military Works Department of the Madras Presidency are submitted.

The direction of the branch will be placed under a Superintending Engineer, whose circle of superintendence will extend to the whole Madras Command, and who, while acting under the general control of the Madras Government, will be in direct communication with His Excellency the Commander-in-Chief of Madras. The circle will be divided into four executive divisions as shown in statement A. The establishment of each division will consist of—

1 Executive Engineer,
Assistant Engineers, three in Madras Division, two in Bellary Division, and one each in Hyderabad and Burma Divisions,
7 Upper subordinates,
1 Lower subordinate,

with usual clerical and petty establishment of a first-class division.

For the accounts of Military Works under the new organization, it is proposed to have a separate office under an Examiner of the 4th class, 2nd grade, with an office establishment of about the same strength as that of the Examiner, Public Works Accounts, Hyderabad.

Military Works will be dealt with in accordance with the rules in the Public Works Code. Projects beyond the powers of the Superintending Engineer will, as at present, be submitted through the Commander-in-Chief to the Government in the Military Department, and on approval will be transferred for sanction in the Public Works Department, after final scrutiny by the Chief Engineer. The procedure in obtaining grants for Military Works and preparing the Military Works budget estimates will be as at present.

4. The following is a list of the names of the officers and subordinates selected to form the staff of the new department :—

Superintending Engineer.

Colonel W. H. Burton, R.E., Suptg. Engr., 3rd class, temporary rank (Madras).

Executive Engineers.

Colonel Ross Thompson, R.E., Executive Engineer, 1st grade (Madras).
Lieut.-Colonel A. T. Fraser, R.E., Executive Engineer, 1st grade (Madras).
Lieut.-Colonel Peters, R.E., Executive Engineer, 1st grade (Central Provinces).
Major H. C. Fox, R.E., Executive Engineer, 2nd grade (Hyderabad).

Assistant Engineers.

Lieutenant Eyre Houston, R.E., Assistant Engineer, 2nd grade (Hyderabad).

Upper Subordinates.

Lieut. S. C. Plummer, Sub-Engr., 1st grade, and Supy. Asst. Engr. (Madras).
Conductor A. Milne, Sub-Engineer, 1st grade (Madras).
Sergeant A. Temple, Sub-Engineer, 3rd grade, sub. *pro tem.* (Madras).
Conductor W. T. Tobin, Supervisor, 1st grade (Hyderabad).
Sub-Conductor J. Cheria, Supervisor, 1st grade (Hyderabad).
Sergeant R. McAlister, Sub-Engineer, 3rd grade, sub. *pro tem.* (Madras).
Sergeant T. Green, Supervisor, 2nd grade (Madras).
Sergeant H. Webb, Supervisor, 2nd grade (Madras).
Sergeant S. Hearne, Supervisor, 2nd grade, temporary (Madras).
3 Sub-Engineers, 1 Supervisor, } From Burma names not given.
1 Upper Subordinate (Central Provinces, name and rank not given).

5. The staff of the new department will consist of—

1 Superintending Engineer.	7 Assistant Engineers.
4 Executive Engineers.	28 Upper subordinates.

The list given above provides for—

1 Superintending Engineer,	1 Assistant Engineer,
4 Executive Engineers,	14 Upper subordinates,

and it will therefore rest with the Government of India to provide—

6 Assistant Engineers.	14 Upper subordinates.

6. In Government of India letter No. 697-MW, dated 12th May 1886, herewith returned, it is stated that officers transferred to the new department will remain on their own lists for purposes of promotion. This is understood to mean that their names will be borne in italics on their respective Provincial lists to regulate their promotion, but that they will not count against the provincial scale as reduced in consequence of the formation of the Military Works Branch.

7. Statement B exhibits the total approximate extra cost of the new department. The total cost of the establishment is estimated at Rs. 2,91,309, and against this may be set off Rs. 1,05,252, estimated savings in existing establishment; the net extra cost will, therefore, be Rs. 1,86,057. The establishments proposed will of course be tentative at first, and will be liable to reduction or expansion, as may be found necessary, after actual experience of the working of the department.

8. The question whether the Barrack Department shall be transferred to the Military Works Branch, and if so, what savings will be feasible thereby, is remitted for consideration in the Military Department. If Upper Burma is to be included in the Madras Command, it will probably be necessary to form one or two additional executive divisions, but that is a question which must apparently be decided by the Government of India.

STATEMENT A.

Four Executive Divisions to be under the Superintending Engineer, Military Works Branch.

1. The Madras Division ...	Fort St. George	Includes the Bangalore Division and the Eastern District.
	St. Thomas' Mount	
	Pallávaram	
	Poonamallee	
	Vellore	
	Berhampore	
	Vizianagrum	
	Vizagapatam	
	Sámalkót	
	Bangalore	
	Wellington	
	Hosúr	
	Trichinopoly	
2. The Bellary Division ...	Bellary	Includes the Ceded District, the Western District and the Belgaum District.
	Mangalore	
	Cannanore	
	Calicut	
	Quilon	
	Malapuram	
	Trichoor	
	Trivandrum	
	Belgaum	
	Kohlapur	
	Dharwar	
3. The Secunderabad Division ...	Secunderabad	Includes the Hyderabad Subsidiary Force and the Nagpore Force.
	Tirumalgiri	
	Kamptee	
	Sitabuldi	
	Sambalpur	
	Hoshungabad	
	Raipur	
4. The Burma Division ...	Rangoon	Includes the British Burma Division.
	Moulmein	
	Thayetmyo	
	Tonghoo	
	Port Blair	

STATEMENT B.

IMPERIAL MILITARY WORKS BRANCH.

GOVERNMENT OF MADRAS.

PART III.

Detail of the Budget Estimate for Establishment under Imperial Military Works Branch.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.
		DIRECTION.	Rs.	Rs.	Rs.	Rs.	Rs.
	1	Superintending Engineer, 1st Class, and Lieutenant-Colonel, R.E. ...	1,600 243	1,600 243	19,200 2,916	19,200 2,916	
		OFFICE ESTABLISHMENT.					
	1	Clerk, 2nd Class, 1st Grade ...	180	180			
	1	,, 2nd ,, 3rd ,, ...	110	110			
	1	,, 3rd ,, 3rd ,, ...	55	55			
	1	,, 4th ,, 1st ,, ...	45	45			
	1	,, 4th ,, 2nd ,, ...	35	35			
	2	Clerks, 4th ,, 3rd ,, ...	25	50			
	1	Draughtsman—Special ...	90	90			
	1	,, 1st Class ...	60	60			
	1	,, 2nd ,, ...	42½	42½			
	1	Messenger	8	8			
	3	Messengers	6	18			
		Total ...	...	693½	8,322	8,322	
		PETTY ESTABLISHMENT.					
	4	Lascars	6	24	288	288	
		Total, Direction ...	...	...	...	30,726	
		CONSTRUCTION.					
		ENGINEER ESTABLISHMENT.					
		Executive Engineers.					
	1	Executive Engineer, 1st Grade ...	950	950			
	1	,, ,, 2nd ,, ...	800	800			
	1	,, ,, 3rd ,, ...	700	700			
	1	,, ,, 4th ,, ...	600	600			
		Military pay and allowances of two Majors and two Captains, R.E.	645	645			
		Assistant Engineers.					
	4	Assistant Engineers, 1st Grade ...	500	2,000			
	3	,, ,, 2nd ,, ...	400	1,200			
		Military pay and allowances of seven Lieutenants, R.E. ...	70	490			
	8	Total, Executive and Assistant Engineers	...	7,385	88,620		

Detail of the Budget Estimate for Establishment under Imperial Military Works Branch—contd.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.
			Rs.	Rs.	Rs.	Rs.	Rs.
		Upper Subordinates.					
	2	Sub-Engineers, 1st Grade ...	400	800			
	1	Sub-Engineer, 2nd „ ...	300	300			
	3	Sub-Engineers, 3rd „ ...	250	750			
	3	Supervisors, 1st Grade	200	600			
	6	„ 2nd „	150	900			
	13	Overseers, 1st Grade	85	1,105			
		Military pay and allowances of two Supervisors, 1st Grade, and Conductors	20	40			
		Do. two Supervisors, 2nd Grade, and Sub-Conductors	30	90			
		Do. three Supervisors, 2nd Grade, and Sergeants	14	42			
		Do. 13 Overseers and Sergeants.	63	819			
	28			5,446	65,352		
		Sub-divisional allowances of (12—4) = 8 upper subordinates holding charge of sub-divisions.	30	240	2,880		
		Total, Upper Subordinate Establishment	...	...		68,232	
		Lower Subordinate.					
	4	Sub-Overseers, 1st Grade, at 50 ...	50	200			
		Total, Lower Subordinate Establishment	...	...		2,400	
		Petty Establishment.					
	70	Lascars	6	420			
	4	Storekeepers	25	100			
		Total, Petty Establishment ...	...	520		6,240	
		Office Establishment.					
	1	Clerk, 3rd Class, 2nd Grade ...	70	70			
	1	„ 4th „ 1st „ ...	45	45			
	1	„ 4th „ 2nd „ ...	35	35			
	2	Clerks, 4th „ 3rd „ ...	25	50			
	1	Draughtsman, 1st Class	60	60			
	1	„ 3rd „	25	25			
	1	Messenger	7	7			
	1	„	6	6			
	9		298	298			
				4			
	36	Total, for four Offices ...	1,192	1,192			
	4	Cashiers, 4th Class, 1st Grade ...	45	180			
	40	Total, for four Offices ...	...	1,372		16,464	

Detail of the Budget Estimate for Establishment under Imperial Military Works Branch—contd.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.
			Rs.	Rs.	Rs.	Rs.	Rs.
		For twelve Sub-Divisional Offices.					
	1	Clerk, 4th Class, 3rd Grade ...	25				
	1	Messenger	6				
	2		31				
	24	Total, for twelve Offices ...	12	372	4,464		
		For seven detached Officers above the rank of Overseer.					
	7	Clerks, 4th Class, 3rd Grade ...	25	175	2,100		
		For thirteen Overseers.					
	13	Clerks, 5th Class, 1st Grade ...	17½	227½	2,730		
		Total, Office Establishment ...	...	...	25,758		
		Total, Salaries Construction ...	...	...	1,91,250		
		Do. Direction and Construction.	...	...	...	2,21,976	
		Travelling allowances	...	...	25,000	25,000	
		Contingencies inclusive of postage— 1 Suptg. Engineer ... Rs. 100 4 Divisional offices ... „ 400	500	6,000	...	6,000	
		Grand Total, Executive Branch ...	...	...	...	2,52,976	
		Accounts Branch.					
	1	Examiner, 4th Class, 1st Grade ...	950	950			
		Major, R.E.	183	183			
			...	1,133	13,596		
		Accountants.					
	1	Head Accountant, 1st Grade ...	400	400			
	2	Accountants, 3rd „ ...	200	400			
	4	„ 4th „ ...	115	460			
				1,260	15,120		
		Office Establishment.					
	*9	Clerks	...	...	6,029		
	*4	Menials	...	...	588		
		Total, Salaries ...	...	...	35,333		
		Travelling allowances	150	150	1,800		
		Contingencies	100	100	1,200		
		Total, Accounts Branch ...	...	...	...	38,333	
		Total, Executive and Accounts Branches	...	...	...	2,91,309	

* As per Hyderabad Examiner's letter No. 1906, dated 9th June 1886, copy attached.

Detail of the Budget Estimate for Establishment under Imperial Military Works Branch—contd.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.
		DEDUCTIONS.	RS.	RS.	RS.	RS.	RS.
		Cost of savings of establishment in other provinces—					
		Central Provinces	...	300			
		British Burma	...	950			
		Hyderabad	...	2,769			
		Madras—					
		Presidency Division ...	4,522				
		Examiner's Office ...	230				
				4,752			
		2 Accountants, 4th Grade, at 115	...	8,771	...	1,05,252	
		Approximate extra cost	...	...	...	1,86,057	

MADRAS,
15th June 1886.

(Signed) D. C. GORDON,
Examiner of P. W. Accounts.

From the Officiating Secretary to the Chief Commissioner, British Burma, to the Secretary to the Government of Madras, Military Department; dated Rangoon, 22nd April 1886, No. 2761.

With reference to Government of India, Military Department, letter No. 378-MW, dated 16th ultimo, to your address relating to the formation of a Military Works Department in the Madras Presidency, I am directed to state, with regard to paras. 2 and 3 of the above-quoted letter, that, if this department in Lower Burma is relieved of all Military Works, only four upper* subordinates can be spared for transfer.

* 3 Sub-Engineers.
1 Supervisor.

No officers are available for transfer.

No. 2748.

Transferred to the Public Works Department, in continuation of Military Department No. 2595, dated 27th April 1886.

(By Order.)

OOTACAMUND,
6th May 1886.

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
Secretary to Government.

From the Officiating Secretary to the Government of India, Military Department, to the Secretary to the Government of Bombay, Public Works Department; dated Simla, 12th May 1886, No. 697-MW.

Establishments.

I am directed to acknowledge the receipt of your letter No. 203-E—629, dated 15th April 1886, making certain inquiries in connection with the proposed formation of a Military Works Branch in the Bombay Presidency.

In reply I am to state as follows for the information of the Governor in Council:—

(1) Officers of Royal Engineers only will be eligible for employment on the engineering establishment of the department.

(2) The service in it of such officers as may be required will be compulsory if sufficient officers do not voluntarily enter. Officers entering the new department will do so in the grades in which they are at the time on the Public Works Department list.

(3) For the present promotions would be made on one list common to both the Public Works and Military Works Departments, as the Military Works Officers in the Bombay Presidency would not be sufficiently numerous to be maintained as a separate body.

No. 697-MW.

Copy of the above forwarded to the Secretary to the Government of Madras, Military Department, for the information of the Governor in Council.

(By Order.)

SIMLA,
12th May 1886.

(Signed) J. E. BROADBENT, Captain, R.E.,
Asst. Secy. to the Govt. of India.

No. 3101.

Transferred to the Public Works Department, in continuation of Military Department No. 2748, dated 6th May 1886.

(By Order.)

OOTACAMUND,
21st May 1886.

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
Secretary to Government.

From the Secretary to the Government of Bombay, Public Works Department, to the Secretary to the Government of Madras, Public Works Department; dated Bombay Castle, 27th April 1886, No. 49-B.

I am directed, in reply to your letter No. 24-D, dated 16th April 1886, to state that the establishment of the Bombay Public Works Department is not in excess of the needs of this Presidency, and it would not be possible to transfer any portion thereof to the new Military Works Department about to be formed in Madras.

2. With special reference to Belgaum and any stations at which Madras troops may be located, I am to observe that at present the Executive Engineer, Belgaum and Kolhapur, has charge of Provincial and Local Works over an area of 4,000 or 5,000 square miles of country, besides Military Works in connection with barracks, &c., at Belgaum, and that when relieved of the latter duties, which probably represent about one-sixth of his work, the time and attention of the District Engineer and his establishment will be fully occupied and needed for provincial and local requirements, so that no reduction will be possible in the establishment, so far as the Belgaum district is concerned, when this department is relieved of all work connected with Madras troops.

From the Officiating Secretary to the Resident, Hyderabad, to the Secretary to the Government of Madras, Public Works Department; dated Bolarum, 30th April 1886, No. 72-MW.

I am directed to acknowledge receipt of your letter No. 24-D of the 16th instant and its accompaniment, and to say that on the transfer of the buildings appertaining to the Hyderabad Subsidiary Force to the Military Works Branch of the Public Works Department, which has been sanctioned by the Secretary of State to be formed in the Madras Presidency, the following establishment can be made over:—

Executive Engineer, 2nd Grade.

Major H. C. Fox, R.E., on furlough for sixteen months from 2nd March 1886.

Assistant Engineer, 2nd Grade.

Lieutenant Eyre Houston, R.E.

Upper Subordinates.

Conductor W. T. Tobin, Supervisor, 1st Grade.
Sub-Conductor J. Cheria, do. do.

Lower Subordinate.

Mr. George Meek, Sub-Overseer, 1st Grade.

The services of a 4th Grade Accountant and of all the clerical establishment as detailed in margin of the office of the Executive Engineer, Secunderabad Division, can also be transferred.

	Salary. Minimum.	Salary. Maximum.	Present Salary.
	Rs.	Rs.	Rs.
1 Clerk, 3rd Grade ...	60	80	72
1 Do. do. ...	60	80	60
1 Do. 4th Grade ...	40	60	60
1 Do. do. ...	40	60	60
1 Do. do. ...	40	60	40
1 Do. do. ...	40	60	40
1 Do. 5th Grade ...	...	...	30
1 Do. do. ...	...	...	30
1 Do. do. ...	...	...	30
1 Do. do. ...	...	...	30
1 Draftsman ...	50	70	70
1 Cashier ...	...	...	60
1 Assistant Cashier ...	...	...	12
5 Peons, at Rs. 7 each ...		...	35
Petty Establishment.			
1 Storekeeper			50
4 Constables			30
3 Store Guard Peons			22
Total ...			731

2. I am to say that the two warrant officers are not at present attached to the Secunderabad Division, but are serving in Berars; and that they are mentioned as available, as it is thought they would be preferred from the fact of their being military men. But Colonel Ross desires me to add that the two civilian upper subordinates now with the Secunderabad Division can be transferred in place of the military men if desired. The civilian lower subordinate has had to do with the water-supply to the British troops for several years, and it is desirable he should remain as he is fully acquainted with the system, &c., and it might not be easy to replace him.

3. I am to say that the establishment above mentioned is the measure of the reduction possible in the strength of the Public Works Department of this administration consequent on the transfer of all work connected with the Madras troops.

From the Secretary to the Chief Commissioner, Central Provinces, to the Secretary to the Government of Madras, Public Works Department; dated Nagpur, 15th May 1886, No. 3212.

I am directed to acknowledge the receipt of your letter No. 24-D, dated 16th ultimo, inquiring what portion of the Public Works establishment under this administration can be transferred to the newly-sanctioned Military Works Department in the Madras Presidency, and what reduction will be possible in establishment when the Central Provinces officers are relieved of all works connected with the Madras troops.

2. The Officiating Chief Commissioner observes that the proposed executive divisions, as shown in Appendix B of the Proceedings of the Madras Government accompanying your letter under acknowledgment, include Kamptee and Sitabuldi only of the Madras military stations in the Central Provinces.

3. The actual work at these two stations is now performed by one upper and one lower subordinate, and these might be spared from the provincial establishment. But no officer, the Officiating Chief Commissioner regrets to say, can be spared at present, as each of these stations forms but a very small portion (so far as Military Works are concerned) of the executive divisions of Konkan and Nagpur in which they are situated.

4. I am to add that when Lieutenant-Colonel Peters, R.E. (at present attached to Railway) rejoins these provinces, Mr. Fitzpatrick will be glad to place his services at the disposal of the Madras Military Works Department.

No. 3813.

Forwarded for favor of the opinion of His Excellency the Commander-in-Chief, and of report with reference to para. 8 of the memorandum by the Secretary to Government, Public Works Department.

(By Order.)

OOTACAMUND, *24th June* 1886. (Signed) A. KENNEY-HERBERT, Lt.-Col., *Secretary to Government.*

To the Quarter Master General.

No. 386. *Memorandum from Col. J. SHAW-STEWART, R.E., Secretary to Government, Public Works Department, to Lieut.-Col. A. KENNEY-HERBERT, Secretary to Government, Military Department; dated Ootacamund, 1st September* 1886, *No.* 596-*D.*

In returning the papers referred under Military Department endorsement, No. 4697, dated 6th August 1886, the undersigned is directed to forward, for the necessary action, a minute by His Excellency the Commander-in-Chief dated 31st August 1886, from which it will be seen that His Excellency desires to withdraw altogether the Quarter Master General's letter No. 2688-A, dated 3rd August 1886.

2. Since the receipt of the Government of India letter of 16th March 1886, calling for detailed proposals for the formation of the proposed Madras Military Works Department, this Government have received a letter * from the Finance Committee stating that a recommendation has already been made to abolish the Military Works Department under the Government of India, and calling for reports as to the feasibility of effecting economy in the existing establishments of the Madras Public Works Department. In view thereof, and after further consideration of the large additional annual outlay, Rs. 1,86,057, which will be involved by the establishment of a separate Military Works Department for the Madras Command, the Government in the Public Works Department desire to recede from the recommendations made to the Government of India in their letter, No. 2382-W, dated 24th August 1883, and are now of opinion that those proposals should be dropped, and that Military Works in the Madras Presidency should continue to be carried out, as heretofore, by the Provincial Public Works establishments.

* *Vide* extract attached.

3. The undersigned is therefore directed to suggest that the original proposals contained in this department memo. No. 291-D, dated 24th June 1886, be sent forward to the Government of India, but with expression of opinion on the part of this Government that the introduction into this Presidency of a Military Works Branch is, in their opinion, unnecessary and undesirable, especially at an additional cost of Rs. 1,86,000 per annum.

4. It is explained that the figures in the memorandum of 24th June 1886 and in the statement of cost have been altered to meet His Excellency the Commander-in-Chief's desire that the number of Assistant Engineers should be fixed so as to provide for a commissioned officer being stationed at each large station where British troops are quartered.

Minute by His Excellency the Commander-in-Chief.

With reference to my remarks, dated 27th instant, on the note "For orders" from the Public Works Department dated 10th August, I desire to withdraw entirely Quarter Master General's letter No. 2688-A of the 3rd.

I had not when it was written appreciated, indeed I had quite overlooked, the fact that the establishment of a Military Works Department would entail an extra cost of more than one lakh and eighty thousand rupees.

I am strongly of opinion that each Presidency should have the care of its own Army, and, as I believe the Madras Government is quite powerful enough to demand and secure a fair allotment for the housing of its garrisons, I would prefer not to disturb the system that has worked so smoothly.

To remove from the control of the Government the expenditure of monies thus provided would tend to weaken the interest that it happily extends towards its soldiers, and I think that it is better to foster this feeling than to take "a leap in the dark" by seeking for the sympathy of the Inspector-General of Military Works.

OOTACAMUND, *31st August* 1886. (Signed) H. MACPHERSON, Lt.-Genl., *Commander-in-Chief, Madras Army.*

Extract of a letter from the Secretary, Finance Committee, to the Secretary to Government, Public Works Department, Madras; dated Simla, the 2nd July 1886, No. 193.

I am desired to submit, for the consideration of His Excellency the Governor in Council, the following suggestions as to the possibility of effecting economy by an amalgamation of the different branches of the Public Works Department establishment which exist in some provinces for the purpose of carrying out Imperial, Provincial and Local Works, and to beg that this Committee may be favored with the views of His Excellency the Governor in Council on the subject.

2. It has been suggested to the Finance Committee that the system of maintaining separate establishments for Imperial, Provincial and Local Fund outlay in some provinces cannot tend to economy, and that a considerable saving might be effected if the whole of the Public Works transactions in each province were supervised by one establishment. They have already submitted their views to the Government of India as to the propriety of abolishing the Military Works Department and placing Imperial Military Works under the Provincial Governments in the same way in which Imperial Civil Works are now placed under them. It seems possible that the same principle might be extended to Local Works.

No. 387. ORDER THEREON, 24th September 1886, No. 5947.

Ordered that the Government of India be addressed accordingly.

No. 388. *To the Secretary to the Government of India, Military Department; dated 24th September* 1886, *No.* 5948.

(True Extract.)

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
Secretary to Government.

To the Quarter Master General.
,, Public Works Department.

Exd. E. C. Shunker.

Govt. of {1886} Madras.

MILITARY.

To

THE QUARTER MASTER GENERAL,
&c., &c., &c.

Dated September, 24th.

Issued

Recd. *Encl.*

G.O., 24th September 1886, No. 5947.

SEPTEMBER.
Nos. 384—388.

Establishments.

Military Works Department.—Correspondence from the Public Works Department containing the opinion of the Government of Madras regarding the introduction into this Presidency of a —, forwarded to the Government of India.

GOVERNMENT OF MADRAS.

MILITARY DEPARTMENT.

24th September 1886, No. 5947.

Establishments.

Read the following papers:—

No. 384. *From Colonel O. R. NEWMARCH, Offg. Secretary to the Government of India, Military Department, to Lieut.-Colonel A. KENNEY-HERBERT, Secretary to the Government of Madras, Military Department; dated Fort William, 16th March* 1886, *No.* 378-*MW.*

Establishments.

I am directed to forward, for the information of His Excellency the Governor in Council, a copy of a Military Despatch, No. 270, dated 15th October 1885, received from the Secretary of State conveying his Lordship's sanction to the measure proposed by the Government of Madras in 1883 for the formation of a Military Works Department in that Presidency corresponding to the Military Works Department under the Government of India.

2. I am now to ask that, under the orders of His Excellency in Council, detailed proposals for the organization of the Military Works Department of the Madras Presidency may be drawn up, and that a list of the names of the officers and subordinates selected to form the staff of the new department may be prepared.

3. In drawing up these proposals, the local administrations of the provinces where Madras troops are stationed outside the limits of the Madras Presidency should be communicated with, in order to ascertain what establishment can be transferred to the new department, and what reduction will be possible in the establishments of the Public Works Department of the local administrations when these are relieved of all Military Works.

4. The proposals of the Provincial Government should also include the arrangements which may be deemed suitable for the accounts of Military Works under the new organization.

5. When the proposals have been matured, I am to request that they may be submitted to the Government of India for consideration and approval before any orders are passed upon them.

Military Despatch from the Right Honorable the Secretary of State for India, to His Excellency the Right Honorable the Governor-General of India in Council; dated India Office, London, 15th October 1885, No. 270.

Formation of Military Works Department in Madras and Bombay.

The military letter from the Government of India, No. 206, dated 29th October 1883, forwarding for Lord Kimberley's consideration a proposal by the Government of Madras for the formation of a Military Works Branch of the Public Works Department in that Presidency, was not replied to pending the submission of a report by a committee under the presidency of Lord Penzance on the question of the continuous employment in India of Officers of Royal Engineers on the Imperial List.

2. The recommendations of that committee have now been embodied in a Royal Warrant, which will shortly reach you. Meanwhile, I have received with your military letter, No. 62, dated 4th May 1885, a copy of the Special India Army Circular of the 14th March 1885, declaring the Military Works Department of your Government to be the normal employment of all Royal Engineer Officers, and equivalent to regimental duty to which those officers appointed to Bengal will in ordinary course be posted on their arrival in the country.

3. This decision, of which I approve and which has the entire concurrence of His Royal Highness the Field Marshal Commanding-in-Chief, seems to me to render it necessary that a similar course shall be followed in the Presidencies of Madras and Bombay. In this view, therefore, corresponding Military Works Departments should be created under those Governments. I accordingly sanction the measure proposed by the Government of Madras in 1883, and I authorize your Lordship, in communication with the Government of Bombay, to introduce a similar measure in that Presidency.

No. 2365.

Referred to the Public Works Department.

(By Order.)

OOTACAMUND, *15th April* 1886. (Signed) A. KENNEY-HERBERT, Lt.-Col., *Secretary to Government.*

No. 335. *Memorandum from Colonel J. SHAW-STEWART, R.E., Secretary to Government, Public Works Department, to Lieutenant-Colonel A. KENNEY-HERBERT, Secretary to Government, Military Department; dated Ootacamund, 24th June* 1886, *No.* 291-*D.*

In returning the Government of India letter forwarded under Military Department endorsement No. 2365, dated 15th April 1886, the undersigned has the honor to submit the undermentioned letters from the local Governments, &c., who have been communicated with, as suggested in para. 3 of the letter from the Government of India :—

From Secretary to Chief Commr., British Burma, dated 22nd April 1886, No. 2761.
From Secretary to Govt. of Bombay, P.W.D., dated 27th April 1886, No. 49-B.
From Secretary to Resident, Hyderabad, dated 30th April 1886, No. 72-MW.
From Secretary to Chief Commr., C. P., dated 15th May 1886, No. 3212.

2. The Government of Bombay state that no portion of their Public Works establishment will be available for transfer to the proposed Madras Military Works Branch, and that no reduction will be possible in that establishment when the works connected with the Belgaum Command are transferred to the new department. The Hyderabad Public Works Department will be able to transfer the following establishment :—

1 Executive Engineer, 2nd grade;
1 Assistant Engineer, 2nd grade;
2 Supervisors, 1st grade;
1 Sub-overseer, 1st grade;
1 Accountant, 4th grade;

and the entire clerical establishment of the Executive Engineer, Secunderabad.

A corresponding reduction will be made in the strength of the Hyderabad Public Works Department. In British Burma—

3 Sub-Engineers and
1 Supervisor

will be available for transfer. In the Central Provinces—

1 Upper subordinate, 1 Lower subordinate } rank not stated

can be transferred. No officer can be spared at present; but the Chief Commissioner states Lieutenant-Colonel Peters, R.E., Executive Engineer, 1st grade, will be transferred on his return to the province from railway work. In Madras the Government in the Public Works Department are prepared to nominate for the Military Works Branch—

1 Superintending Engineer,
2 Executive Engineers, and
7 Upper subordinates,

but the actual measure of reduction in the Madras Provincial establishment will only be one Executive Engineer, seven upper subordinates, and the entire clerical and petty establishment of the existing Presidency division.

3. The following detailed proposals for the organization of the Military Works Department of the Madras Presidency are submitted.

The direction of the branch will be placed under a Superintending Engineer, whose circle of superintendence will extend to the whole Madras Command, and who, while acting under the general control of the Madras Government, will be in direct communication with His Excellency the Commander-in-Chief of Madras. The circle will be divided into four executive divisions as shown in statement A. The establishment of each division will consist of—

1 Executive Engineer,
Assistant Engineers, { three in Madras Division, two in Bellary Division, and one each in Hyderabad and Burma Divisions,
7 Upper subordinates,
1 Lower subordinate,

with usual clerical and petty establishment of a first-class division.

For the accounts of Military Works under the new organization, it is proposed to have a separate office under an Examiner of the 4th class, 2nd grade, with an office establishment of about the same strength as that of the Examiner, Public Works Accounts, Hyderabad.

Military Works will be dealt with in accordance with the rules in the Public Works Code. Projects beyond the powers of the Superintending Engineer will, as at present, be submitted through the Commander-in-Chief to the Government in the Military Department, and on approval will be transferred for sanction in the Public Works Department, after final scrutiny by the Chief Engineer. The procedure in obtaining grants for Military Works and preparing the Military Works budget estimates will be as at present.

4. The following is a list of the names of the officers and subordinates selected to form the staff of the new department :—

Superintending Engineer.

Colonel W. H. Burton, R.E., Suptg. Engr., 3rd class, temporary rank (Madras).

Executive Engineers.

Colonel Ross Thompson, R.E., Executive Engineer, 1st grade (Madras).
Lieut.-Colonel A. T. Fraser, R.E., Executive Engineer, 1st grade (Madras).
Lieut.-Colonel Peters, R.E., Executive Engineer, 1st grade (Central Provinces).
Major H. C. Fox, R.E., Executive Engineer, 2nd grade (Hyderabad).

Assistant Engineers.

Lieutenant Eyre Houston, R.E., Assistant Engineer, 2nd grade (Hyderabad).

Upper Subordinates.

Lieut. S. C. Plummer, Sub-Engr., 1st grade, and Supy. Asst. Engr. (Madras).
Conductor A. Milne, Sub-Engineer, 1st grade (Madras).
Sergeant A. Temple, Sub-Engineer, 3rd grade, sub. *pro tem.* (Madras).
Conductor W. T. Tobin, Supervisor, 1st grade (Hyderabad).
Sub-Conductor J. Cheria, Supervisor, 1st grade (Hyderabad).
Sergeant R. McAlister, Sub-Engineer, 3rd grade, sub. *pro tem.* (Madras).
Sergeant T. Green, Supervisor, 2nd grade (Madras).
Sergeant H. Webb, Supervisor, 2nd grade (Madras).
Sergeant S. Hearne, Supervisor, 2nd grade, temporary (Madras).
3 Sub-Engineers, 1 Supervisor, } From Burma names not given.
1 Upper Subordinate (Central Provinces, name and rank not given).

5. The staff of the new department will consist of—

1 Superintending Engineer. | 7 Assistant Engineers.
4 Executive Engineers. | 28 Upper subordinates.

The list given above provides for—

1 Superintending Engineer, | 1 Assistant Engineer,
4 Executive Engineers, | 14 Upper subordinates,

and it will therefore rest with the Government of India to provide—

6 Assistant Engineers. | 14 Upper subordinates.

6. In Government of India letter No. 697-MW, dated 12th May 1886, herewith returned, it is stated that officers transferred to the new department will remain on their own lists for purposes of promotion. This is understood to mean that their names will be borne in italics on their respective Provincial lists to regulate their promotion, but that they will not count against the provincial scale as reduced in consequence of the formation of the Military Works Branch.

7. Statement B exhibits the total approximate extra cost of the new department. The total cost of the establishment is estimated at Rs. 2,91,309, and against this may be set off Rs. 1,05,252, estimated savings in existing establishment; the net extra cost will, therefore, be Rs. 1,86,057. The establishments proposed will of course be tentative at first, and will be liable to reduction or expansion, as may be found necessary, after actual experience of the working of the department.

8. The question whether the Barrack Department shall be transferred to the Military Works Branch, and if so, what savings will be feasible thereby, is remitted for consideration in the Military Department. If Upper Burma is to be included in the Madras Command, it will probably be necessary to form one or two additional executive divisions, but that is a question which must apparently be decided by the Government of India.

STATEMENT A.

Four Executive Divisions to be under the Superintending Engineer, Military Works Branch.

1. The Madras Division ...	Fort St. George	Includes the Bangalore Division and the Eastern District.
	St. Thomas' Mount	
	Pallávaram	
	Poonamallee	
	Vellore	
	Berhampore	
	Vizianagrum	
	Vizagapatam	
	Sámalkót	
	Bangalore	
	Wellington	
	Hosúr	
	Trichinopoly	
2. The Bellary Division ...	Bellary	Includes the Ceded District, the Western District and the Belgaum District.
	Mangalore	
	Cannanore	
	Calicut	
	Quilon	
	Malapuram	
	Trichoor	
	Trivandrum	
	Belgaum	
	Kohlapur	
	Dharwar	
3. The Secunderabad Division ...	Secunderabad	Includes the Hyderabad Subsidiary Force and the Nagpore Force.
	Tirumalgiri	
	Kamptee	
	Sitabuldi	
	Sambalpur	
	Hoshungabad	
	Raipur	
4. The Burma Division ...	Rangoon	Includes the British Burma Division.
	Moulmein	
	Thayetmyo	
	Tonghoo	
	Port Blair	

STATEMENT B.

IMPERIAL MILITARY WORKS BRANCH.

GOVERNMENT OF MADRAS.

PART III.

Detail of the Budget Estimate for Establishment under Imperial Military Works Branch.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.
		DIRECTION.	Rs.	Rs.	Rs.	Rs.	Rs.
	1	Superintending Engineer, 1st Class, and Lieutenant-Colonel, R.E. ...	1,600 243	1,600 243	19,200 2,916	19,200 2,916	
		OFFICE ESTABLISHMENT.					
	1	Clerk, 2nd Class, 1st Grade ...	180	180			
	1	,, 2nd ,, 3rd ,, ...	110	110			
	1	,, 3rd ,, 3rd ,, ...	55	55			
	1	,, 4th ,, 1st ,, ...	45	45			
	1	,, 4th ,, 2nd ,, ...	35	35			
	2	Clerks, 4th ,, 3rd ,, ...	25	50			
	1	Draughtsman—Special ...	90	90			
	1	,, 1st Class ...	60	60			
	1	,, 2nd ,, ...	42½	42½			
	1	Messenger	8	8			
	3	Messengers	6	18			
		Total ...	...	693½	8,322	8,322	
		PETTY ESTABLISHMENT.	6	24	288	288	
	4	Lascars					
		Total, Direction ...	...	...	...	30,726	
		CONSTRUCTION.					
		ENGINEER ESTABLISHMENT.					
		Executive Engineers.					
	1	Executive Engineer, 1st Grade ...	950	950			
	1	,, ,, 2nd ,, ...	800	800			
	1	,, ,, 3rd ,, ...	700	700			
	1	,, ,, 4th ,, ...	600	600			
		Military pay and allowances of two Majors and two Captains, R.E.	645	645			
		Assistant Engineers.					
	4	Assistant Engineers, 1st Grade ...	500	2,000			
	3	,, ,, 2nd ,, ...	400	1,200			
		Military pay and allowances of seven Lieutenants, R.E. ...	70	490			
	8	Total, Executive and Assistant Engineers	...	7,385	88,620		

Detail of the Budget Estimate for Establishment under Imperial Military Works Branch—contd.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.
		Upper Subordinates.	Rs.	Rs.	Rs.	Rs.	Rs.
2	2	Sub-Engineers, 1st Grade ...	400	800			
1	1	Sub-Engineer, 2nd „ ...	300	300			
3	3	Sub-Engineers, 3rd „ ...	250	750			
3	3	Supervisors, 1st Grade	200	600			
6	6	„ 2nd „	150	900			
13	13	Overseers, 1st Grade	85	1,105			
		Military pay and allowances of two Supervisors, 1st Grade, and Conductors	20	40			
		Do. two Supervisors, 2nd Grade, and Sub-Conductors	30	90			
		Do. three Supervisors, 2nd Grade, and Sergeants	14	42			
		Do. 13 Overseers and Sergeants.	63	819			
28	28			5,446	65,352		
		Sub-divisional allowances of (12—4) = 8 upper subordinates holding charge of sub-divisions.	30	240	2,880		
		Total, Upper Subordinate Establishment	...	...	68,232		
		Lower Subordinate.					
4	4	Sub-Overseers, 1st Grade, at 50 ...	50	200			
		Total, Lower Subordinate Establishment	...	...	2,400		
		Petty Establishment.					
70	70	Lascars	6	420			
4	4	Storekeepers	25	100			
		Total, Petty Establishment ...	...	520	6,240		
		Office Establishment.					
1	1	Clerk, 3rd Class, 2nd Grade ...	70	70			
1	1	„ 4th „ 1st „ ...	45	45			
1	1	„ 4th „ 2nd „ ...	35	35			
2	2	Clerks, 4th „ 3rd „ ...	25	50			
1	1	Draughtsman, 1st Class	60	60			
1	1	„ 3rd „	25	25			
1	1	Messenger	7	7			
1	1	„	6	6			
9	9			298	298		
					4		
36	36	Total, for four Offices ...	1,192	1,192			
4	4	Cashiers, 4th Class, 1st Grade ...	45	180			
40	40	Total, for four Offices ...	...	1,372	16,464		

Detail of the Budget Estimate for Establishment under Imperial Military Works Branch—contd.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.
		For twelve Sub-Divisional Offices.	Rs.	Rs.	Rs.	Rs.	Rs.
	1	Clerk, 4th Class, 3rd Grade ...	25				
	1	Messenger	6				
	2		31				
	24	Total, for twelve Offices ...	12	372	4,464		
		For seven detached Officers above the rank of Overseer.					
	7	Clerks, 4th Class, 3rd Grade ...	25	175	2,100		
		For thirteen Overseers.					
	13	Clerks, 5th Class, 1st Grade ...	17½	227½	2,730		
		Total, Office Establishment ...	...	..	25,758		
		Total, Salaries Construction ...	...	...	1,91,250		
		Do. Direction and Construction.	...	...	...	2,21,976	
		Travelling allowances	...	...	25,000	25,000	
		Contingencies inclusive of postage— 1 Suptg. Engineer ... Rs. 100 4 Divisional offices ... „ 400	500	6,000	...	6,000	
		Grand Total, Executive Branch ...	...	...	...	2,52,976	
		Accounts Branch.					
	1	Examiner, 4th Class, 1st Grade ...	950	950			
		Major, R.E.	183	183			
			...	1,133	13,596		
		Accountants.					
	1	Head Accountant, 1st Grade ...	400	400			
	2	Accountants, 3rd „ ...	200	400			
	4	„ 4th „ ...	115	460			
				1,260	15,120		
		Office Establishment.					
	*9	Clerks	...	...	6,029		
	*4	Menials	...	...	588		
		Total, Salaries ...	...	...	35,333		
		Travelling allowances	150	150	1,800		
		Contingencies	100	100	1,200		
		Total, Accounts Branch ...	...	...	...	38,333	
		Total, Executive and Accounts Branches	...	...	...	2,91,309	

* As per Hyderabad Examiner's letter No. 1906, dated 9th June 1886, copy attached.

Detail of the Budget Estimate for Establishment under Imperial Military Works Branch—contd.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.
		DEDUCTIONS.	RS.	RS.	RS.	RS.	RS.
		Cost of savings of establishment in other provinces—					
		Central Provinces	...	300			
		British Burma	...	950			
		Hyderabad	...	2,769			
		Madras—					
		Presidency Division ...	4,522				
		Examiner's Office ...	230				
				4,752			
		2 Accountants, 4th Grade, at 115	...	8,771	...	1,05,252	
		Approximate extra cost	...	...	...	1,86,057	

MADRAS,
15th June 1886.

(Signed) D. C. GORDON,
Examiner of P. W. Accounts.

From the Officiating Secretary to the Chief Commissioner, British Burma, to the Secretary to the Government of Madras, Military Department; dated Rangoon, 22nd April 1886, No. 2761.

With reference to Government of India, Military Department, letter No. 378-MW, dated 16th ultimo, to your address relating to the formation of a Military Works Department in the Madras Presidency, I am directed to state, with regard to paras. 2 and 3 of the above-quoted letter, that, if this department in Lower Burma is relieved of all Military Works, only four upper * subordinates can be spared for transfer.

* 3 Sub-Engineers.
1 Supervisor.

No officers are available for transfer.

No. 2748.

Transferred to the Public Works Department, in continuation of Military Department No. 2595, dated 27th April 1886.

(By Order.)

OOTACAMUND,
6th May 1886.

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
Secretary to Government.

From the Officiating Secretary to the Government of India, Military Department, to the Secretary to the Government of Bombay, Public Works Department; dated Simla, 12th May 1886, No. 697-MW.

Establishments.

I am directed to acknowledge the receipt of your letter No. 203-E—629, dated 15th April 1886, making certain inquiries in connection with the proposed formation of a Military Works Branch in the Bombay Presidency.

In reply I am to state as follows for the information of the Governor in Council:—

(1) Officers of Royal Engineers only will be eligible for employment on the engineering establishment of the department.

(2) The service in it of such officers as may be required will be compulsory if sufficient officers do not voluntarily enter. Officers entering the new department will do so in the grades in which they are at the time on the Public Works Department list.

(3) For the present promotions would be made on one list common to both the Public Works and Military Works Departments, as the Military Works Officers in the Bombay Presidency would not be sufficiently numerous to be maintained as a separate body.

No. 697-MW.

Copy of the above forwarded to the Secretary to the Government of Madras, Military Department, for the information of the Governor in Council.

(By Order.)

SIMLA,
12th May 1886.

(Signed) J. E. BROADBENT, Captain, R.E.,
Asst. Secy. to the Govt. of India.

No. 3101.

Transferred to the Public Works Department, in continuation of Military Department No. 2748, dated 6th May 1886.

(By Order.)

OOTACAMUND,
21st May 1886.

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
Secretary to Government.

From the Secretary to the Government of Bombay, Public Works Department, to the Secretary to the Government of Madras, Public Works Department; dated Bombay Castle, 27th April 1886, No. 49-B.

I am directed, in reply to your letter No. 24-D, dated 16th April 1886, to state that the establishment of the Bombay Public Works Department is not in excess of the needs of this Presidency, and it would not be possible to transfer any portion thereof to the new Military Works Department about to be formed in Madras.

2. With special reference to Belgaum and any stations at which Madras troops may be located, I am to observe that at present the Executive Engineer, Belgaum and Kolhapur, has charge of Provincial and Local Works over an area of 4,000 or 5,000 square miles of country, besides Military Works in connection with barracks, &c., at Belgaum, and that when relieved of the latter duties, which probably represent about one-sixth of his work, the time and attention of the District Engineer and his establishment will be fully occupied and needed for provincial and local requirements, so that no reduction will be possible in the establishment, so far as the Belgaum district is concerned, when this department is relieved of all work connected with Madras troops.

From the Officiating Secretary to the Resident, Hyderabad, to the Secretary to the Government of Madras, Public Works Department; dated Bolarum, 30th April 1886, No. 72-MW.

I am directed to acknowledge receipt of your letter No. 24-D of the 16th instant and its accompaniment, and to say that on the transfer of the buildings appertaining to the Hyderabad Subsidiary Force to the Military Works Branch of the Public Works Department, which has been sanctioned by the Secretary of State to be formed in the Madras Presidency, the following establishment can be made over:—

Executive Engineer, 2nd Grade.

Major H. C. Fox, R.E., on furlough for sixteen months from 2nd March 1886.

Assistant Engineer, 2nd Grade.

Lieutenant Eyre Houston, R.E.

Upper Subordinates.

Conductor W. T. Tobin, Supervisor, 1st Grade.
Sub-Conductor J. Cheria, do. do.

Lower Subordinate.

Mr. George Meek, Sub-Overseer, 1st Grade.

The services of a 4th Grade Accountant and of all the clerical establishment as detailed in margin of the office of the Executive Engineer, Secunderabad Division, can also be transferred.

	Salary. Minimum.	Salary. Maximum.	Present Salary.
	Rs.	Rs.	Rs.
1 Clerk, 3rd Grade ...	60	80	72
1 Do. do. ...	60	80	60
1 Do. 4th Grade ...	40	60	60
1 Do. do. ...	40	60	60
1 Do. do. ...	40	60	40
1 Do. 5th Grade ...	...	...	40
1 Do. do. ...	...	...	30
1 Do. do. ...	...	...	30
1 Do. do. ...	...	...	30
1 Draftsman ...	50	70	30
1 Cashier ...	...	...	70
1 Assistant Cashier ...	...	...	60
5 Peons, at Rs. 7 each ...	...	...	12
			35
Petty Establishment.			
1 Storekeeper ...	...	...	50
4 Constables ...	...	...	30
3 Store Guard Peons ...	...	...	22
Total ...			731

2. I am to say that the two warrant officers are not at present attached to the Secunderabad Division, but are serving in Berars; and that they are mentioned as available, as it is thought they would be preferred from the fact of their being military men. But Colonel Ross desires me to add that the two civilian upper subordinates now with the Secunderabad Division can be transferred in place of the military men if desired. The civilian lower subordinate has had to do with the water-supply to the British troops for several years, and it is desirable he should remain as he is fully acquainted with the system, &c., and it might not be easy to replace him.

3. I am to say that the establishment above mentioned is the measure of the reduction possible in the strength of the Public Works Department of this administration consequent on the transfer of all work connected with the Madras troops.

From the Secretary to the Chief Commissioner, Central Provinces, to the Secretary to the Government of Madras, Public Works Department; dated Nagpur, 15th May 1886, No. 3212.

I am directed to acknowledge the receipt of your letter No. 24-D, dated 16th ultimo, inquiring what portion of the Public Works establishment under this administration can be transferred to the newly-sanctioned Military Works Department in the Madras Presidency, and what reduction will be possible in establishment when the Central Provinces officers are relieved of all works connected with the Madras troops.

2. The Officiating Chief Commissioner observes that the proposed executive divisions, as shown in Appendix B of the Proceedings of the Madras Government accompanying your letter under acknowledgment, include Kamptee and Sitabuldi only of the Madras military stations in the Central Provinces.

3. The actual work at these two stations is now performed by one upper and one lower subordinate, and these might be spared from the provincial establishment. But no officer, the Officiating Chief Commissioner regrets to say, can be spared at present, as each of these stations forms but a very small portion (so far as Military Works are concerned) of the executive divisions of Konkan and Nagpur in which they are situated.

4. I am to add that when Lieutenant-Colonel Peters, R.E. (at present attached to Railway) rejoins these provinces, Mr. Fitzpatrick will be glad to place his services at the disposal of the Madras Military Works Department.

No. 3813.

Forwarded for favor of the opinion of His Excellency the Commander-in-Chief, and of report with reference to para. 8 of the memorandum by the Secretary to Government, Public Works Department.

(By Order.)

OOTACAMUND,
24th June 1886.

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
Secretary to Government.

To the Quarter Master General.

No. 386. *Memorandum from Col. J. SHAW-STEWART, R.E., Secretary to Government, Public Works Department, to Lieut.-Col. A. KENNEY-HERBERT, Secretary to Government, Military Department; dated Ootacamund, 1st September* 1886, *No. 596-D.*

In returning the papers referred under Military Department endorsement, No. 4697, dated 6th August 1886, the undersigned is directed to forward, for the necessary action, a minute by His Excellency the Commander-in-Chief dated 31st August 1886, from which it will be seen that His Excellency desires to withdraw altogether the Quarter Master General's letter No. 2688-A, dated 3rd August 1886.

2. Since the receipt of the Government of India letter of 16th March 1886, calling for detailed proposals for the formation of the proposed Madras Military Works Department, this Government have received a letter * from the Finance Committee stating that a recommendation has already been made to abolish the Military Works Department under the Government of India, and calling for reports as to the feasibility of effecting economy in the existing establishments of the Madras Public Works Department. In view thereof, and after further consideration of the large additional annual outlay, Rs. 1,86,057, which will be involved by the establishment of a separate Military Works Department for the Madras Command, the Government in the Public Works Department desire to recede from the recommendations made to the Government of India in their letter, No. 2382-W, dated 24th August 1883, and are now of opinion that those proposals should be dropped, and that Military Works in the Madras Presidency should continue to be carried out, as heretofore, by the Provincial Public Works establishments.

* *Vide* extract attached.

3. The undersigned is therefore directed to suggest that the original proposals contained in this department memo. No. 291-D, dated 24th June 1886, be sent forward to the Government of India, but with expression of opinion on the part of this Government that the introduction into this Presidency of a Military Works Branch is, in their opinion, unnecessary and undesirable, especially at an additional cost of Rs. 1,86,000 per annum.

4. It is explained that the figures in the memorandum of 24th June 1886 and in the statement of cost have been altered to meet His Excellency the Commander-in-Chief's desire that the number of Assistant Engineers should be fixed so as to provide for a commissioned officer being stationed at each large station where British troops are quartered.

Minute by His Excellency the Commander-in-Chief.

With reference to my remarks, dated 27th instant, on the note "For orders" from the Public Works Department dated 10th August, I desire to withdraw entirely Quarter Master General's letter No. 2688-A of the 3rd.

I had not when it was written appreciated, indeed I had quite overlooked, the fact that the establishment of a Military Works Department would entail an extra cost of more than one lakh and eighty thousand rupees.

I am strongly of opinion that each Presidency should have the care of its own Army, and, as I believe the Madras Government is quite powerful enough to demand and secure a fair allotment for the housing of its garrisons, I would prefer not to disturb the system that has worked so smoothly.

To remove from the control of the Government the expenditure of monies thus provided would tend to weaken the interest that it happily extends towards its soldiers, and I think that it is better to foster this feeling than to take "a leap in the dark" by seeking for the sympathy of the Inspector-General of Military Works.

OOTACAMUND,
31st August 1886.

(Signed) H. MACPHERSON, Lt.-Genl.,
Commander-in-Chief, Madras Army.

Extract of a letter from the Secretary, Finance Committee, to the Secretary to Government, Public Works Department, Madras; dated Simla, the 2nd July 1886, No. 193.

I am desired to submit, for the consideration of His Excellency the Governor in Council, the following suggestions as to the possibility of effecting economy by an amalgamation of the different branches of the Public Works Department establishment which exist in some provinces for the purpose of carrying out Imperial, Provincial and Local Works, and to beg that this Committee may be favored with the views of His Excellency the Governor in Council on the subject.

2. It has been suggested to the Finance Committee that the system of maintaining separate establishments for Imperial, Provincial and Local Fund outlay in some provinces cannot tend to economy, and that a considerable saving might be effected if the whole of the Public Works transactions in each province were supervised by one establishment. They have already submitted their views to the Government of India as to the propriety of abolishing the Military Works Department and placing Imperial Military Works under the Provincial Governments in the same way in which Imperial Civil Works are now placed under them. It seems possible that the same principle might be extended to Local Works.

No. 387. ORDER THEREON, 24th September 1886, No. 5947.

Ordered that the Government of India be addressed accordingly.

No. 388. *To the Secretary to the Government of India, Military Department; dated 24th September* 1886, *No.* 5948.

(True Extract.)

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
Secretary to Government.

To the Quarter Master General.
,, Public Works Department.

Exd. E. C. Shunker.

Govt. of {1886} Madras.

MILITARY.

To

THE QUARTER MASTER GENERAL,
&c., &c., &c.

Dated September, 24th.

Issued

Recd. *Encl.*

G.O., 24th September 1886, No. 5947.

BS 25575 dy 30-9-86

SEPTEMBER.
Nos. 384—388.

Recorded
Sd/ H.O.
30/9/86

Establishments.

Military Works Department.—Correspondence from the Public Works Department containing the opinion of the Government of Madras regarding the introduction into this Presidency of a —, forwarded to the Government of India.

GOVERNMENT OF MADRAS.

MILITARY DEPARTMENT.

24th September 1886, No. 5947.

Establishments.

Read the following papers:—

No. 384. *From Colonel O. R. NEWMARCH, Offg. Secretary to the Government of India, Military Department, to Lieut.-Colonel A. KENNEY-HERBERT, Secretary to the Government of Madras, Military Department; dated Fort William, 16th March* 1886, *No.* 378-*MW.*

Establishments.

I am directed to forward, for the information of His Excellency the Governor in Council, a copy of a Military Despatch, No. 270, dated 15th October 1885, received from the Secretary of State conveying his Lordship's sanction to the measure proposed by the Government of Madras in 1883 for the formation of a Military Works Department in that Presidency corresponding to the Military Works Department under the Government of India.

2. I am now to ask that, under the orders of His Excellency in Council, detailed proposals for the organization of the Military Works Department of the Madras Presidency may be drawn up, and that a list of the names of the officers and subordinates selected to form the staff of the new department may be prepared.

3. In drawing up these proposals, the local administrations of the provinces where Madras troops are stationed outside the limits of the Madras Presidency should be communicated with, in order to ascertain what establishment can be transferred to the new department, and what reduction will be possible in the establishments of the Public Works Department of the local administrations when these are relieved of all Military Works.

4. The proposals of the Provincial Government should also include the arrangements which may be deemed suitable for the accounts of Military Works under the new organization.

5. When the proposals have been matured, I am to request that they may be submitted to the Government of India for consideration and approval before any orders are passed upon them.

Military Despatch from the Right Honorable the Secretary of State for India, to His Excellency the Right Honorable the Governor-General of India in Council; dated India Office, London, 15th October 1885, No. 270.

Formation of Military Works Department in Madras and Bombay.

The military letter from the Government of India, No. 206, dated 29th October 1883, forwarding for Lord Kimberley's consideration a proposal by the Government of Madras for the formation of a Military Works Branch of the Public Works Department in that Presidency, was not replied to pending the submission of a report by a committee under the presidency of Lord Penzance on the question of the continuous employment in India of Officers of Royal Engineers on the Imperial List.

2. The recommendations of that committee have now been embodied in a Royal Warrant, which will shortly reach you. Meanwhile, I have received with your military letter, No. 62, dated 4th May 1885, a copy of the Special India Army Circular of the 14th March 1885, declaring the Military Works Department of your Government to be the normal employment of all Royal Engineer Officers, and equivalent to regimental duty to which those officers appointed to Bengal will in ordinary course be posted on their arrival in the country.

3. This decision, of which I approve and which has the entire concurrence of His Royal Highness the Field Marshal Commanding-in-Chief, seems to me to render it necessary that a similar course shall be followed in the Presidencies of Madras and Bombay. In this view, therefore, corresponding Military Works Departments should be created under those Governments. I accordingly sanction the measure proposed by the Government of Madras in 1883, and I authorize your Lordship, in communication with the Government of Bombay, to introduce a similar measure in that Presidency.

No. 2365.

Referred to the Public Works Department.

(By Order.)

OOTACAMUND, *15th April* 1886. (Signed) A. KENNEY-HERBERT, Lt.-Col., *Secretary to Government.*

No. 335. *Memorandum from Colonel J. SHAW-STEWART, R.E., Secretary to Government, Public Works Department, to Lieutenant-Colonel A. KENNEY-HERBERT, Secretary to Government, Military Department; dated Ootacamund, 24th June* 1886, *No.* 291-*D.*

In returning the Government of India letter forwarded under Military Department endorsement No. 2365, dated 15th April 1886, the undersigned has the honor to submit the undermentioned letters from the local Governments, &c., who have been communicated with, as suggested in para. 3 of the letter from the Government of India:—

From Secretary to Chief Commr., British Burma, dated 22nd April 1886, No. 2761.
From Secretary to Govt. of Bombay, P.W.D., dated 27th April 1886, No. 49-B.
From Secretary to Resident, Hyderabad, dated 30th April 1886, No. 72-MW.
From Secretary to Chief Commr., C. P., dated 15th May 1886, No. 3212.

2. The Government of Bombay state that no portion of their Public Works establishment will be available for transfer to the proposed Madras Military Works Branch, and that no reduction will be possible in that establishment when the works connected with the Belgaum Command are transferred to the new department. The Hyderabad Public Works Department will be able to transfer the following establishment:—

1 Executive Engineer, 2nd grade;
1 Assistant Engineer, 2nd grade;
2 Supervisors, 1st grade;
1 Sub-overseer, 1st grade;
1 Accountant, 4th grade;

and the entire clerical establishment of the Executive Engineer, Secunderabad.

A corresponding reduction will be made in the strength of the Hyderabad Public Works Department. In British Burma—

3 Sub-Engineers and
1 Supervisor

will be available for transfer. In the Central Provinces—

1 Upper subordinate } rank not stated
1 Lower subordinate }

can be transferred. No officer can be spared at present; but the Chief Commissioner states Lieutenant-Colonel Peters, R.E., Executive Engineer, 1st grade, will be transferred on his return to the province from railway work. In Madras the Government in the Public Works Department are prepared to nominate for the Military Works Branch—

1 Superintending Engineer,
2 Executive Engineers, and
7 Upper subordinates,

but the actual measure of reduction in the Madras Provincial establishment will only be one Executive Engineer, seven upper subordinates, and the entire clerical and petty establishment of the existing Presidency division.

3. The following detailed proposals for the organization of the Military Works Department of the Madras Presidency are submitted.

The direction of the branch will be placed under a Superintending Engineer, whose circle of superintendence will extend to the whole Madras Command, and who, while acting under the general control of the Madras Government, will be in direct communication with His Excellency the Commander-in-Chief of Madras. The circle will be divided into four executive divisions as shown in statement A. The establishment of each division will consist of—

1 Executive Engineer,
Assistant Engineers, { three in Madras Division, two in Bellary Division, and one each in Hyderabad and Burma Divisions,
7 Upper subordinates,
1 Lower subordinate,

with usual clerical and petty establishment of a first-class division.

For the accounts of Military Works under the new organization, it is proposed to have a separate office under an Examiner of the 4th class, 2nd grade, with an office establishment of about the same strength as that of the Examiner, Public Works Accounts, Hyderabad.

Military Works will be dealt with in accordance with the rules in the Public Works Code. Projects beyond the powers of the Superintending Engineer will, as at present, be submitted through the Commander-in-Chief to the Government in the Military Department, and on approval will be transferred for sanction in the Public Works Department, after final scrutiny by the Chief Engineer. The procedure in obtaining grants for Military Works and preparing the Military Works budget estimates will be as at present.

4. The following is a list of the names of the officers and subordinates selected to form the staff of the new department:—

Superintending Engineer.

Colonel W. H. Burton, R.E., Suptg. Engr., 3rd class, temporary rank (Madras).

Executive Engineers.

Colonel Ross Thompson, R.E., Executive Engineer, 1st grade (Madras).
Lieut.-Colonel A. T. Fraser, R.E., Executive Engineer, 1st grade (Madras).
Lieut.-Colonel Peters, R.E., Executive Engineer, 1st grade (Central Provinces).
Major H. C. Fox, R.E., Executive Engineer, 2nd grade (Hyderabad).

Assistant Engineers.

Lieutenant Eyre Houston, R.E., Assistant Engineer, 2nd grade (Hyderabad).

Upper Subordinates.

Lieut. S. C. Plummer, Sub-Engr., 1st grade, and Supy. Asst. Engr. (Madras).
Conductor A. Milne, Sub-Engineer, 1st grade (Madras).
Sergeant A. Temple, Sub-Engineer, 3rd grade, sub. *pro tem.* (Madras).
Conductor W. T. Tobin, Supervisor, 1st grade (Hyderabad).
Sub-Conductor J. Cheria, Supervisor, 1st grade (Hyderabad).
Sergeant R. McAlister, Sub-Engineer, 3rd grade, sub. *pro tem.* (Madras).
Sergeant T. Green, Supervisor, 2nd grade (Madras).
Sergeant H. Webb, Supervisor, 2nd grade (Madras).
Sergeant S. Hearne, Supervisor, 2nd grade, temporary (Madras).
3 Sub-Engineers, } From Burma names not given.
1 Supervisor, }
1 Upper Subordinate (Central Provinces, name and rank not given).

5. The staff of the new department will consist of—

1 Superintending Engineer.	7 Assistant Engineers.
4 Executive Engineers.	28 Upper subordinates.

The list given above provides for—

1 Superintending Engineer,	1 Assistant Engineer,
4 Executive Engineers,	14 Upper subordinates,

and it will therefore rest with the Government of India to provide—

6 Assistant Engineers.	14 Upper subordinates.

6. In Government of India letter No. 697-MW, dated 12th May 1886, herewith returned, it is stated that officers transferred to the new department will remain on their own lists for purposes of promotion. This is understood to mean that their names will be borne in italics on their respective Provincial lists to regulate their promotion, but that they will not count against the provincial scale as reduced in consequence of the formation of the Military Works Branch.

7. Statement B exhibits the total approximate extra cost of the new department. The total cost of the establishment is estimated at Rs. 2,91,309, and against this may be set off Rs. 1,05,252, estimated savings in existing establishment; the net extra cost will, therefore, be Rs. 1,86,057. The establishments proposed will of course be tentative at first, and will be liable to reduction or expansion, as may be found necessary, after actual experience of the working of the department.

8. The question whether the Barrack Department shall be transferred to the Military Works Branch, and if so, what savings will be feasible thereby, is remitted for consideration in the Military Department. If Upper Burma is to be included in the Madras Command, it will probably be necessary to form one or two additional executive divisions, but that is a question which must apparently be decided by the Government of India.

STATEMENT A.

Four Executive Divisions to be under the Superintending Engineer, Military Works Branch.

1. The Madras Division ...	Fort St. George	Includes the Bangalore Division and the Eastern District.
	St. Thomas' Mount	
	Pallávaram	
	Poonamallee	
	Vellore	
	Berhampore	
	Vizianagrum	
	Vizagapatam	
	Sámalkót	
	Bangalore	
	Wellington	
	Hosúr	
	Trichinopoly	
2. The Bellary Division ...	Bellary	Includes the Ceded District, the Western District and the Belgaum District.
	Mangalore	
	Cannanore	
	Calicut	
	Quilon	
	Malapuram	
	Trichoor	
	Trivandrum	
	Belgaum	
	Kohlapur	
	Dharwar	
3. The Secunderabad Division ...	Secunderabad	Includes the Hyderabad Subsidiary Force and the Nagpore Force.
	Tirumalgiri	
	Kamptee	
	Sitabuldi	
	Sambalpur	
	Hoshungabad	
	Raipur	
4. The Burma Division ...	Rangoon	Includes the British Burma Division.
	Moulmein	
	Thayetmyo	
	Tonghoo	
	Port Blair	

STATEMENT B.

IMPERIAL MILITARY WORKS BRANCH.

GOVERNMENT OF MADRAS.

PART III.

Detail of the Budget Estimate for Establishment under Imperial Military Works Branch.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.
			Rs.	Rs.	Rs.	Rs.	Rs.
		DIRECTION.					
	1	Superintending Engineer, 1st Class,	1,600	1,600	19,200	19,200	
		and Lieutenant-Colonel, R.E. ...	243	243	2,916	2,916	
		OFFICE ESTABLISHMENT.					
	1	Clerk, 2nd Class, 1st Grade ...	180	180			
	1	,, 2nd ,, 3rd ,, ...	110	110			
	1	,, 3rd ,, 3rd ,, ...	55	55			
	1	,, 4th ,, 1st ,, ...	45	45			
	1	,, 4th ,, 2nd ,, ...	35	35			
	2	Clerks, 4th ,, 3rd ,, ...	25	50			
	1	Draughtsman—Special ...	90	90			
	1	,, 1st Class ...	60	60			
	1	,, 2nd ,, ...	42½	42½			
	1	Messenger	8	8			
	3	Messengers	6	18			
		Total ...	...	693½	8,322	8,322	
		PETTY ESTABLISHMENT.	6	24	288	288	
	4	Lascara					
		Total, Direction ...	...	...	...	30,726	
		CONSTRUCTION.					
		ENGINEER ESTABLISHMENT.					
		Executive Engineers.					
	1	Executive Engineer, 1st Grade ...	950	950			
	1	,, ,, 2nd ,, ...	800	800			
	1	,, ,, 3rd ,, ...	700	700			
	1	,, ,, 4th ,, ...	600	600			
		Military pay and allowances of two Majors and two Captains, R.E.	645	645			
		Assistant Engineers.					
	4	Assistant Engineers, 1st Grade ...	500	2,000			
	3	,, ,, 2nd ,, ...	400	1,200			
		Military pay and allowances of seven Lieutenants, R.E. ...	70	490			
	8	Total, Executive and Assistant Engineers	...	7,385	88,620		

Detail of the Budget Estimate for Establishment under Imperial Military Works Branch—contd.

NUMBER. 1885-86.	NUMBER. 1886-87.	Particulars.	Salary of Office.	ESTIMATE FOR 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.
		Upper Subordinates.	RS.	RS.	RS.	RS.	RS.
	2	Sub-Engineers, 1st Grade ...	400	800			
	1	Sub-Engineer, 2nd „ ...	300	300			
	3	Sub-Engineers, 3rd „ ...	250	750			
	3	Supervisors, 1st Grade	200	600			
	6	„ 2nd „	150	900			
	13	Overseers, 1st Grade	85	1,105			
		Military pay and allowances of two Supervisors, 1st Grade, and Conductors	20	40			
		Do. two Supervisors, 2nd Grade, and Sub-Conductors	30	90			
		Do. three Supervisors, 2nd Grade, and Sergeants	14	42			
		Do. 13 Overseers and Sergeants.	63	819			
	28			5,446	65,352		
		Sub-divisional allowances of (12—4) = 8 upper subordinates holding charge of sub-divisions.	30	240	2,880		
		Total, Upper Subordinate Establishment	...	...	68,232		
		Lower Subordinate.					
	4	Sub-Overseers, 1st Grade, at 50 ...	50	200			
		Total, Lower Subordinate Establishment	...	...	2,400		
		Petty Establishment.					
	70	Lascars	6	420			
	4	Storekeepers	25	100			
		Total, Petty Establishment ...	...	520	6,240		
		Office Establishment.					
	1	Clerk, 3rd Class, 2nd Grade ...	70	70			
	1	„ 4th „ 1st „ ...	45	45			
	1	„ 4th „ 2nd „ ...	35	35			
	2	Clerks, 4th „ 3rd „ ...	25	50			
	1	Draughtsman, 1st Class	60	60			
	1	„ 3rd „	25	25			
	1	Messenger	7	7			
	1	„	6	6			
	9		298	298			
				4			
	36	Total, for four Offices ...	1,192	1,192			
	4	Cashiers, 4th Class, 1st Grade ...	45	180			
	40	Total, for four Offices ...	...	1,372	16,464		

Detail of the Budget Estimate for Establishment under Imperial Military Works Branch—contd.

NUMBER. 1885-86.	NUMBER. 1886-87.	Particulars.	Salary of Office.	ESTIMATE FOR 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.
		For twelve Sub-Divisional Offices.	RS.	RS.	RS.	RS.	RS.
	1	Clerk, 4th Class, 3rd Grade ...	25				
	1	Messenger	6				
	2		31				
	24	Total, for twelve Offices ...	12	372	4,464		
		For seven detached Officers above the rank of Overseer.					
	7	Clerks, 4th Class, 3rd Grade ...	25	175	2,100		
		For thirteen Overseers.					
	13	Clerks, 5th Class, 1st Grade ...	17½	227½	2,730		
		Total, Office Establishment ...	...	..	25,758		
		Total, Salaries Construction ...	...	...	1,91,250		
		Do. Direction and Construction.	...	...	...	2,21,976	
		Travelling allowances	...	...	25,000	25,000	
		Contingencies inclusive of postage— 1 Suptg. Engineer ... Rs. 100 4 Divisional offices ... „ 400	500	6,000	...	6,000	
		Grand Total, Executive Branch ...	...	...	...	2,52,976	
		Accounts Branch.					
	1	Examiner, 4th Class, 1st Grade ...	950	950			
		Major, R.E.	183	183			
			...	1,133	13,596		
		Accountants.					
	1	Head Accountant, 1st Grade ...	400	400			
	2	Accountants, 3rd „ ...	200	400			
	4	„ 4th „ ...	115	460			
				1,260	15,120		
		Office Establishment.					
	*9	Clerks	...	...	6,029		
	*4	Menials	...	...	588		
		Total, Salaries ...	...	...	35,333		
		Travelling allowances	150	150	1,800		
		Contingencies	100	100	1,200		
		Total, Accounts Branch ...	...	...	...	38,333	
		Total, Executive and Accounts Branches	...	...	...	2,91,309	

* As per Hyderabad Examiner's letter No. 1906, dated 9th June 1886, copy attached.

Detail of the Budget Estimate for Establishment under Imperial Military Works Branch—contd.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.
		DEDUCTIONS.	RS.	RS.	RS.	RS.	RS.
		Cost of savings of establishment in other provinces—					
		Central Provinces	...	300			
		British Burma	...	950			
		Hyderabad	...	2,769			
		Madras—					
		Presidency Division ...	4,522				
		Examiner's Office ...	230				
				4,752			
		2 Accountants, 4th Grade, at 115	...	8,771	...	1,05,252	
		Approximate extra cost	...	...	...	1,86,057	

MADRAS,
15*th June* 1886.

(Signed) D. C. GORDON,
Examiner of P. W. Accounts.

From the Officiating Secretary to the Chief Commissioner, British Burma, to the Secretary to the Government of Madras, Military Department; dated Rangoon, 22nd April 1886, No. 2761.

With reference to Government of India, Military Department, letter No. 378-MW, dated 16th ultimo, to your address relating to the formation of a Military Works Department in the Madras Presidency, I am directed to state, with regard to paras. 2 and 3 of the above-quoted letter, that, if this department in Lower Burma is relieved of all Military Works, only four upper* subordinates can be spared for transfer.

* 3 Sub-Engineers.
1 Supervisor.

No officers are available for transfer.

No. 2748.

Transferred to the Public Works Department, in continuation of Military Department No. 2595, dated 27th April 1886.

(By Order.)

OOTACAMUND,
6*th May* 1886.

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
Secretary to Government.

From the Officiating Secretary to the Government of India, Military Department, to the Secretary to the Government of Bombay, Public Works Department; dated Simla, 12th May 1886, No. 697-MW.

Establishments.

I am directed to acknowledge the receipt of your letter No. 203-E—629, dated 15th April 1886, making certain inquiries in connection with the proposed formation of a Military Works Branch in the Bombay Presidency.

In reply I am to state as follows for the information of the Governor in Council:—

(1) Officers of Royal Engineers only will be eligible for employment on the engineering establishment of the department.

(2) The service in it of such officers as may be required will be compulsory if sufficient officers do not voluntarily enter. Officers entering the new department will do so in the grades in which they are at the time on the Public Works Department list.

(3) For the present promotions would be made on one list common to both the Public Works and Military Works Departments, as the Military Works Officers in the Bombay Presidency would not be sufficiently numerous to be maintained as a separate body.

No. 697-MW.

Copy of the above forwarded to the Secretary to the Government of Madras, Military Department, for the information of the Governor in Council.

(By Order.)

SIMLA,
12*th May* 1886.

(Signed) J. E. BROADBENT, Captain, R.E.,
Asst. Secy. to the Govt. of India.

No. 3101.

Transferred to the Public Works Department, in continuation of Military Department No. 2748, dated 6th May 1886.

(By Order.)

OOTACAMUND,
21*st May* 1886.

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
Secretary to Government.

From the Secretary to the Government of Bombay, Public Works Department, to the Secretary to the Government of Madras, Public Works Department; dated Bombay Castle, 27th April 1886, No. 49-B.

I am directed, in reply to your letter No. 24-D, dated 16th April 1886, to state that the establishment of the Bombay Public Works Department is not in excess of the needs of this Presidency, and it would not be possible to transfer any portion thereof to the new Military Works Department about to be formed in Madras.

2. With special reference to Belgaum and any stations at which Madras troops may be located, I am to observe that at present the Executive Engineer, Belgaum and Kolhapur, has charge of Provincial and Local Works over an area of 4,000 or 5,000 square miles of country, besides Military Works in connection with barracks, &c., at Belgaum, and that when relieved of the latter duties, which probably represent about one-sixth of his work, the time and attention of the District Engineer and his establishment will be fully occupied and needed for provincial and local requirements, so that no reduction will be possible in the establishment, so far as the Belgaum district is concerned, when this department is relieved of all work connected with Madras troops.

From the Officiating Secretary to the Resident, Hyderabad, to the Secretary to the Government of Madras, Public Works Department; dated Bolarum, 30th April 1886, No. 72-MW.

I am directed to acknowledge receipt of your letter No. 24-D of the 16th instant and its accompaniment, and to say that on the transfer of the buildings appertaining to the Hyderabad Subsidiary Force to the Military Works Branch of the Public Works Department, which has been sanctioned by the Secretary of State to be formed in the Madras Presidency, the following establishment can be made over:—

Executive Engineer, 2nd Grade.

Major H. C. Fox, R.E., on furlough for sixteen months from 2nd March 1886.

Assistant Engineer, 2nd Grade.

Lieutenant Eyre Houston, R.E.

Upper Subordinates.

Conductor W. T. Tobin, Supervisor, 1st Grade.
Sub-Conductor J. Cheria, do. do.

Lower Subordinate.

Mr. George Meek, Sub-Overseer, 1st Grade.

The services of a 4th Grade Accountant and of all the clerical establishment as detailed in margin of the office of the Executive Engineer, Secunderabad Division, can also be transferred.

	Salary. Minimum.	Salary. Maximum.	Present Salary.
	Rs.	Rs.	Rs.
1 Clerk, 3rd Grade ...	60	80	72
1 Do. do. ...	60	80	60
1 Do. 4th Grade ...	40	60	60
1 Do. do. ...	40	60	40
1 Do. do. ...	40	60	40
1 Do. do. ...	40	60	30
1 Do. 5th Grade ...	...	...	30
1 Do. do. ...	...	...	30
1 Do. do. ...	...	...	30
1 Do. do. ...	...	...	30
1 Draftsman ...	50	70	70
1 Cashier ...	...	...	60
1 Assistant Cashier ...	...	...	12
5 Peons, at Rs. 7 each ...		...	35
Petty Establishment.			
1 Storekeeper			50
4 Constables			30
3 Store Guard Peons			22
Total ...			731

2. I am to say that the two warrant officers are not at present attached to the Secunderabad Division, but are serving in Berars; and that they are mentioned as available, as it is thought they would be preferred from the fact of their being military men. But Colonel Ross desires me to add that the two civilian upper subordinates now with the Secunderabad Division can be transferred in place of the military men if desired. The civilian lower subordinate has had to do with the water-supply to the British troops for several years, and it is desirable he should remain as he is fully acquainted with the system, &c., and it might not be easy to replace him.

3. I am to say that the establishment above mentioned is the measure of the reduction possible in the strength of the Public Works Department of this administration consequent on the transfer of all work connected with the Madras troops.

From the Secretary to the Chief Commissioner, Central Provinces, to the Secretary to the Government of Madras, Public Works Department; dated Nagpur, 15th May 1886, No. 3212.

I am directed to acknowledge the receipt of your letter No. 24-D, dated 16th ultimo, inquiring what portion of the Public Works establishment under this administration can be transferred to the newly-sanctioned Military Works Department in the Madras Presidency, and what reduction will be possible in establishment when the Central Provinces officers are relieved of all works connected with the Madras troops.

2. The Officiating Chief Commissioner observes that the proposed executive divisions, as shown in Appendix B of the Proceedings of the Madras Government accompanying your letter under acknowledgment, include Kamptee and Sitabuldi only of the Madras military stations in the Central Provinces.

3. The actual work at these two stations is now performed by one upper and one lower subordinate, and these might be spared from the provincial establishment. But no officer, the Officiating Chief Commissioner regrets to say, can be spared at present, as each of these stations forms but a very small portion (so far as Military Works are concerned) of the executive divisions of Konkan and Nagpur in which they are situated.

4. I am to add that when Lieutenant-Colonel Peters, R.E. (at present attached to Railway) rejoins these provinces, Mr. Fitzpatrick will be glad to place his services at the disposal of the Madras Military Works Department.

No. 3813.

Forwarded for favor of the opinion of His Excellency the Commander-in-Chief, and of report with reference to para. 8 of the memorandum by the Secretary to Government, Public Works Department.

(By Order.)

OOTACAMUND, *24th June* 1886. (Signed) A. KENNEY-HERBERT, Lt.-Col., *Secretary to Government.*

To the Quarter Master General.

No. 386. *Memorandum from Col. J. SHAW-STEWART, R.E., Secretary to Government, Public Works Department, to Lieut.-Col. A. KENNEY-HERBERT, Secretary to Government, Military Department; dated Ootacamund, 1st September* 1886, *No.* 596-*D.*

In returning the papers referred under Military Department endorsement, No. 4697, dated 6th August 1886, the undersigned is directed to forward, for the necessary action, a minute by His Excellency the Commander-in-Chief dated 31st August 1886, from which it will be seen that His Excellency desires to withdraw altogether the Quarter Master General's letter No. 2688-A, dated 3rd August 1886.

2. Since the receipt of the Government of India letter of 16th March 1886, calling for detailed proposals for the formation of the proposed Madras Military Works Department, this Government have received a letter * from the Finance Committee stating that a recommendation has already been made to abolish the Military Works Department under the Government of India, and calling for reports as to the feasibility of effecting economy in the existing establishments of the Madras Public Works Department. In view thereof, and after further consideration of the large additional annual outlay, Rs. 1,86,057, which will be involved by the establishment of a separate Military Works Department for the Madras Command, the Government in the Public Works Department desire to recede from the recommendations made to the Government of India in their letter, No. 2382-W, dated 24th August 1883, and are now of opinion that those proposals should be dropped, and that Military Works in the Madras Presidency should continue to be carried out, as heretofore, by the Provincial Public Works establishments.

* *Vide* extract attached.

3. The undersigned is therefore directed to suggest that the original proposals contained in this department memo. No. 291-D, dated 24th June 1886, be sent forward to the Government of India, but with expression of opinion on the part of this Government that the introduction into this Presidency of a Military Works Branch is, in their opinion, unnecessary and undesirable, especially at an additional cost of Rs. 1,86,000 per annum.

4. It is explained that the figures in the memorandum of 24th June 1886 and in the statement of cost have been altered to meet His Excellency the Commander-in-Chief's desire that the number of Assistant Engineers should be fixed so as to provide for a commissioned officer being stationed at each large station where British troops are quartered.

Minute by His Excellency the Commander-in-Chief.

With reference to my remarks, dated 27th instant, on the note "For orders" from the Public Works Department dated 10th August, I desire to withdraw entirely Quarter Master General's letter No. 2688-A of the 3rd.

I had not when it was written appreciated, indeed I had quite overlooked, the fact that the establishment of a Military Works Department would entail an extra cost of more than one lakh and eighty thousand rupees.

I am strongly of opinion that each Presidency should have the care of its own Army, and, as I believe the Madras Government is quite powerful enough to demand and secure a fair allotment for the housing of its garrisons, I would prefer not to disturb the system that has worked so smoothly.

To remove from the control of the Government the expenditure of monies thus provided would tend to weaken the interest that it happily extends towards its soldiers, and I think that it is better to foster this feeling than to take "a leap in the dark" by seeking for the sympathy of the Inspector-General of Military Works.

(Signed) H. MACPHERSON, Lt.-Genl., *Commander-in-Chief, Madras Army.*

OOTACAMUND, *31st August* 1886.

Extract of a letter from the Secretary, Finance Committee, to the Secretary to Government, Public Works Department, Madras; dated Simla, the 2nd July 1886, No. 193.

I am desired to submit, for the consideration of His Excellency the Governor in Council, the following suggestions as to the possibility of effecting economy by an amalgamation of the different branches of the Public Works Department establishment which exist in some provinces for the purpose of carrying out Imperial, Provincial and Local Works, and to beg that this Committee may be favored with the views of His Excellency the Governor in Council on the subject.

2. It has been suggested to the Finance Committee that the system of maintaining separate establishments for Imperial, Provincial and Local Fund outlay in some provinces cannot tend to economy, and that a considerable saving might be effected if the whole of the Public Works transactions in each province were supervised by one establishment. They have already submitted their views to the Government of India as to the propriety of abolishing the Military Works Department and placing Imperial Military Works under the Provincial Governments in the same way in which Imperial Civil Works are now placed under them. It seems possible that the same principle might be extended to Local Works.

No. 387. ORDER THEREON, 24th September 1886, No. 5947.

Ordered that the Government of India be addressed accordingly.

No. 388. *To the Secretary to the Government of India, Military Department; dated 24th September* 1886, *No.* 5948.

(True Extract.)

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
Secretary to Government.

To the Quarter Master General.
,, Public Works Department.

Exd. E. C. Shunker.

Govt. of {1886} Madras.

MILITARY.

To

THE QUARTER MASTER GENERAL,
&c., &c., &c.

Dated September, 24th.

Issued

Recd. *Encl.*

G.O., 24th September 1886, No. 5947.

No. 2557 Mm. a/30th Septr. 1886.

SEPTEMBER.
Nos. 384—388.

Recorded
1/2/ Sept 87

Establishments.

Military Works Department.—Correspondence from the Public Works Department containing the opinion of the Government of Madras regarding the introduction into this Presidency of a —, forwarded to the Government of India.

D

Above has been noted officials with reference to this Govt.

'Continuous Service without interruption will be reckoned to officers of R. Engrs serving in the Military Works Dept, that is they will not be liable to be compulsorily retired on but on half pay as Majors or Captains'.

(1)

There being no M.W. Branch in this Presidency, can an officer of R.E. retired in this Presidency, not in the P.W.D. claim the appointment of M.W.B under India? He cannot claim the employ in the P.W.D here, but the S. might offer him appointment in it.

(2)

Sole
14/3/87.

To W Please see replies on attached slip - & papers put up. Question (2) seems apparently to be referred to India, if a decision be desired. Cs 21.3.87

(1). Yes. Please see G.O. No: 6451 (Mily) dated 14th October 1886. marked by a piece of white tape in the accompanying file.

The G.O. was "recorded" in this dept, there being no Mily Works Branch in this Presidency.

+ G.O. Mily Dept. No 5-947 & 24.9.86.

(2) In October 1886 the Secy of State approved an army circular dated 14th march 86 declaring the India Mily Works Dept to be the normal employment of all R.E. officers, and equivalent to regimental duty to which officers appointed to Bengal would join

ordinary course be posted
on arrival in the country.
His Lordship further sanctioned
the introduction of M. W.
Branches in Madras and
Bombay and directed that
a similar course should be
followed in those Presidencies.
The Govt of Madras, however
considered that a M. W. Br
was unnecessary & undesirable.

There is nothing on
record to show that a R.E.
Officer serving in Madras
can claim appt to M. W. Br
under India - nor can be
claim employment in the
P. W. D.

HB
21/3/87

GOVERNMENT OF MADRAS.

MILITARY DEPARTMENT.

24th September 1886, No. 5947.

Establishments.

Read the following papers:—

No. 384. *From Colonel O. R. NEWMARCH, Offg. Secretary to the Government of India, Military Department, to Lieut.-Colonel A. KENNEY-HERBERT, Secretary to the Government of Madras, Military Department; dated Fort William, 16th March* 1886, *No.* 378-*MW.*

Establishments.

I am directed to forward, for the information of His Excellency the Governor in Council, a copy of a Military Despatch, No. 270, dated 15th October 1885, received from the Secretary of State conveying his Lordship's sanction to the measure proposed by the Government of Madras in 1883 for the formation of a Military Works Department in that Presidency corresponding to the Military Works Department under the Government of India.

2. I am now to ask that, under the orders of His Excellency in Council, detailed proposals for the organization of the Military Works Department of the Madras Presidency may be drawn up, and that a list of the names of the officers and subordinates selected to form the staff of the new department may be prepared.

3. In drawing up these proposals, the local administrations of the provinces where Madras troops are stationed outside the limits of the Madras Presidency should be communicated with, in order to ascertain what establishment can be transferred to the new department, and what reduction will be possible in the establishments of the Public Works Department of the local administrations when these are relieved of all Military Works.

4. The proposals of the Provincial Government should also include the arrangements which may be deemed suitable for the accounts of Military Works under the new organization.

5. When the proposals have been matured, I am to request that they may be submitted to the Government of India for consideration and approval before any orders are passed upon them.

Military Despatch from the Right Honorable the Secretary of State for India, to His Excellency the Right Honorable the Governor-General of India in Council; dated India Office, London, 15th October 1885, No. 270.

Formation of Military Works Department in Madras and Bombay.

The military letter from the Government of India, No. 206, dated 29th October 1883, forwarding for Lord Kimberley's consideration a proposal by the Government of Madras for the formation of a Military Works Branch of the Public Works Department in that Presidency, was not replied to pending the submission of a report by a committee under the presidency of Lord Penzance on the question of the continuous employment in India of Officers of Royal Engineers on the Imperial List.

2. The recommendations of that committee have now been embodied in a Royal Warrant, which will shortly reach you. Meanwhile, I have received with your military letter, No. 62, dated 4th May 1885, a copy of the Special India Army Circular of the 14th March 1885, declaring the Military Works Department of your Government to be the normal employment of all Royal Engineer Officers, and equivalent to regimental duty to which those officers appointed to Bengal will in ordinary course be posted on their arrival in the country.

3. This decision, of which I approve and which has the entire concurrence of His Royal Highness the Field Marshal Commanding-in-Chief, seems to me to render it necessary that a similar course shall be followed in the Presidencies of Madras and Bombay. In this view, therefore, corresponding Military Works Departments should be created under those Governments. I accordingly sanction the measure proposed by the Government of Madras in 1883, and I authorize your Lordship, in communication with the Government of Bombay, to introduce a similar measure in that Presidency.

No. 2365.

Referred to the Public Works Department.

(By Order.)

OOTACAMUND,
15*th April* 1886.

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
Secretary to Government.

No. 385. *Memorandum from Colonel J. SHAW-STEWART, R.E., Secretary to Government, Public Works Department, to Lieutenant-Colonel A. KENNEY-HERBERT, Secretary to Government, Military Department; dated Ootacamund, 24th June* 1886, *No.* 291-*D.*

In returning the Government of India letter forwarded under Military Department endorsement No. 2365, dated 15th April 1886, the undersigned has the honor to submit the undermentioned letters from the local Governments, &c., who have been communicated with, as suggested in para. 3 of the letter from the Government of India:—

From Secretary to Chief Commr., British Burma, dated 22nd April 1886, No. 2761.
From Secretary to Govt. of Bombay, P.W.D., dated 27th April 1886, No. 49-B.
From Secretary to Resident, Hyderabad, dated 30th April 1886, No. 72-MW.
From Secretary to Chief Commr., C. P., dated 15th May 1886, No. 3212.

2. The Government of Bombay state that no portion of their Public Works establishment will be available for transfer to the proposed Madras Military Works Branch, and that no reduction will be possible in that establishment when the works connected with the Belgaum Command are transferred to the new department. The Hyderabad Public Works Department will be able to transfer the following establishment:—

1 Executive Engineer, 2nd grade;
1 Assistant Engineer, 2nd grade;
2 Supervisors, 1st grade;
1 Sub-overseer, 1st grade;
1 Accountant, 4th grade;

and the entire clerical establishment of the Executive Engineer, Secunderabad.

A corresponding reduction will be made in the strength of the Hyderabad Public Works Department. In British Burma—

3 Sub-Engineers and
1 Supervisor

will be available for transfer. In the Central Provinces—

1 Upper subordinate } rank not stated
1 Lower subordinate }

can be transferred. No officer can be spared at present; but the Chief Commissioner states Lieutenant-Colonel Peters, R.E., Executive Engineer, 1st grade, will be transferred on his return to the province from railway work. In Madras the Government in the Public Works Department are prepared to nominate for the Military Works Branch—

1 Superintending Engineer,
2 Executive Engineers, and
7 Upper subordinates,

but the actual measure of reduction in the Madras Provincial establishment will only be one Executive Engineer, seven upper subordinates, and the entire clerical and petty establishment of the existing Presidency division.

3. The following detailed proposals for the organization of the Military Works Department of the Madras Presidency are submitted.

The direction of the branch will be placed under a Superintending Engineer, whose circle of superintendence will extend to the whole Madras Command, and who, while acting under the general control of the Madras Government, will be in direct communication with His Excellency the Commander-in-Chief of Madras. The circle will be divided into four executive divisions as shown in statement A. The establishment of each division will consist of—

1 Executive Engineer,
Assistant Engineers, { three in Madras Division, two in Bellary Division, and one each in Hyderabad and Burma Divisions,
7 Upper subordinates,
1 Lower subordinate,

with usual clerical and petty establishment of a first-class division.

For the accounts of Military Works under the new organization, it is proposed to have a separate office under an Examiner of the 4th class, 2nd grade, with an office establishment of about the same strength as that of the Examiner, Public Works Accounts, Hyderabad.

Military Works will be dealt with in accordance with the rules in the Public Works Code. Projects beyond the powers of the Superintending Engineer will, as at present, be submitted through the Commander-in-Chief to the Government in the Military Department, and on approval will be transferred for sanction in the Public Works Department, after final scrutiny by the Chief Engineer. The procedure in obtaining grants for Military Works and preparing the Military Works budget estimates will be as at present.

4. The following is a list of the names of the officers and subordinates selected to form the staff of the new department:—

Superintending Engineer.

Colonel W. H. Burton, R.E., Suptg. Engr., 3rd class, temporary rank (Madras).

Executive Engineers.

Colonel Ross Thompson, R.E., Executive Engineer, 1st grade (Madras).
Lieut.-Colonel A. T. Fraser, R.E., Executive Engineer, 1st grade (Madras).
Lieut.-Colonel Peters, R.E., Executive Engineer, 1st grade (Central Provinces).
Major H. C. Fox, R.E., Executive Engineer, 2nd grade (Hyderabad).

Assistant Engineers.

Lieutenant Eyre Houston, R.E., Assistant Engineer, 2nd grade (Hyderabad).

Upper Subordinates.

Lieut. S. C. Plummer, Sub-Engr., 1st grade, and Supy. Asst. Engr. (Madras).
Conductor A. Milne, Sub-Engineer, 1st grade (Madras).
Sergeant A. Temple, Sub-Engineer, 3rd grade, sub. *pro tem.* (Madras).
Conductor W. T. Tobin, Supervisor, 1st grade (Hyderabad).
Sub-Conductor J. Cheria, Supervisor, 1st grade (Hyderabad).
Sergeant R. McAlister, Sub-Engineer, 3rd grade, sub. *pro tem.* (Madras).
Sergeant T. Green, Supervisor, 2nd grade (Madras).
Sergeant H. Webb, Supervisor, 2nd grade (Madras).
Sergeant S. Hearne, Supervisor, 2nd grade, temporary (Madras).
3 Sub-Engineers, } From Burma names not given.
1 Supervisor, }
1 Upper Subordinate (Central Provinces, name and rank not given).

5. The staff of the new department will consist of—

1 Superintending Engineer.	7 Assistant Engineers.
4 Executive Engineers.	28 Upper subordinates.

The list given above provides for—

1 Superintending Engineer,	1 Assistant Engineer,
4 Executive Engineers,	14 Upper subordinates,

and it will therefore rest with the Government of India to provide—

6 Assistant Engineers.	14 Upper subordinates.

6. In Government of India letter No. 697-MW, dated 12th May 1886, herewith returned, it is stated that officers transferred to the new department will remain on their own lists for purposes of promotion. This is understood to mean that their names will be borne in italics on their respective Provincial lists to regulate their promotion, but that they will not count against the provincial scale as reduced in consequence of the formation of the Military Works Branch.

7. Statement B exhibits the total approximate extra cost of the new department. The total cost of the establishment is estimated at Rs. 2,91,309, and against this may be set off Rs. 1,05,252, estimated savings in existing establishment; the net extra cost will, therefore, be Rs. 1,86,057. The establishments proposed will of course be tentative at first, and will be liable to reduction or expansion, as may be found necessary, after actual experience of the working of the department.

8. The question whether the Barrack Department shall be transferred to the Military Works Branch, and if so, what savings will be feasible thereby, is remitted for consideration in the Military Department. If Upper Burma is to be included in the Madras Command, it will probably be necessary to form one or two additional executive divisions, but that is a question which must apparently be decided by the Government of India.

STATEMENT A.

Four Executive Divisions to be under the Superintending Engineer, Military Works Branch.

1. The Madras Division ...	Fort St. George	Includes the Bangalore Division and the Eastern District.
	St. Thomas' Mount	
	Pallávaram	
	Poonamallee	
	Vellore	
	Berhampore	
	Vizianagrum	
	Vizagapatam	
	Sámalkót	
	Bangalore	
	Wellington	
	Hosúr	
	Trichinopoly	
2. The Bellary Division ...	Bellary	Includes the Ceded District, the Western District and the Belgaum District.
	Mangalore	
	Cannanore	
	Calicut	
	Quilon	
	Malapuram	
	Trichoor	
	Trivandrum	
	Belgaum	
	Kohlapur	
	Dharwar	
3. The Secunderabad Division ...	Secunderabad	Includes the Hyderabad Subsidiary Force and the Nagpore Force.
	Tirumalgiri	
	Kamptee	
	Sitabuldi	
	Sambalpur	
	Hoshungabad	
	Raipur	
4. The Burma Division ...	Rangoon	Includes the British Burma Division.
	Moulmein	
	Thayetmyo	
	Tonghoo	
	Port Blair	

STATEMENT B.

IMPERIAL MILITARY WORKS BRANCH.

GOVERNMENT OF MADRAS.

PART III.

Detail of the Budget Estimate for Establishment under Imperial Military Works Branch.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.
			Rs.	Rs.	Rs.	Rs.	Rs.
		DIRECTION.					
	1	Superintending Engineer, 1st Class, and Lieutenant-Colonel, R.E. ...	1,600 243	1,600 243	19,200 2,916	19,200 2,916	
		OFFICE ESTABLISHMENT.					
	1	Clerk, 2nd Class, 1st Grade ...	180	180			
	1	„ 2nd „ 3rd „ ...	110	110			
	1	„ 3rd „ 3rd „ ...	55	55			
	1	„ 4th „ 1st „ ...	45	45			
	1	„ 4th „ 2nd „ ...	35	35			
	2	Clerks, 4th „ 3rd „ ...	25	50			
	1	Draughtsman—Special ...	90	90			
	1	„ 1st Class ...	60	60			
	1	„ 2nd „ ...	42½	42½			
	1	Messenger	8	8			
	3	Messengers	6	18			
		Total ...	...	693½	8,322	8,322	
		PETTY ESTABLISHMENT.	6	24	288	288	
	4	Lascars					
		Total, Direction ...	...	...	...	30,726	
		CONSTRUCTION.					
		ENGINEER ESTABLISHMENT.					
		Executive Engineers.					
	1	Executive Engineer, 1st Grade ...	950	950			
	1	„ „ 2nd „ ...	800	800			
	1	„ „ 3rd „ ...	700	700			
	1	„ „ 4th „ ...	600	600			
		Military pay and allowances of two Majors and two Captains, R.E.	645	645			
		Assistant Engineers.					
	4	Assistant Engineers, 1st Grade ...	500	2,000			
	3	„ „ 2nd „ ...	400	1,200			
		Military pay and allowances of seven Lieutenants, R.E. ...	70	490			
	8	Total, Executive and Assistant Engineers	...	7,385	88,620		

Detail of the Budget Estimate for Establishment under Imperial Military Works Branch—contd.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.
			RS.	RS.	RS.	RS.	RS.
		Upper Subordinates.					
	2	Sub-Engineers, 1st Grade ...	400	800			
	1	Sub-Engineer, 2nd „ ...	300	300			
	3	Sub-Engineers, 3rd „ ...	250	750			
	3	Supervisors, 1st Grade	200	600			
	6	„ 2nd „	150	900			
	13	Overseers, 1st Grade	85	1,105			
		Military pay and allowances of two Supervisors, 1st Grade, and Conductors	20	40			
		Do. two Supervisors, 2nd Grade, and Sub-Conductors	30	90			
		Do. three Supervisors, 2nd Grade, and Sergeants	14	42			
		Do. 13 Overseers and Sergeants.	63	819			
	28			5,446	65,352		
		Sub-divisional allowances of (12—4) = 8 upper subordinates holding charge of sub-divisions.	30	240	2,880		
		Total, Upper Subordinate Establishment	...	...	68,232		
		Lower Subordinate.					
	4	Sub-Overseers, 1st Grade, at 50 ...	50	200			
		Total, Lower Subordinate Establishment	...	...	2,400		
		Petty Establishment.					
	70	Lascars	6	420			
	4	Storekeepers	25	100			
		Total, Petty Establishment ...	...	520	6,240		
		Office Establishment.					
	1	Clerk, 3rd Class, 2nd Grade ...	70	70			
	1	„ 4th „ 1st „ ...	45	45			
	1	„ 4th „ 2nd „ ...	35	35			
	2	Clerks, 4th „ 3rd „ ...	25	50			
	1	Draughtsman, 1st Class	60	60			
	1	„ 3rd „	25	25			
	1	Messenger	7	7			
	1	„	6	6			
	9		298	298			
				4			
	36	Total, for four Offices ...	1,192	1,192			
	4	Cashiers, 4th Class, 1st Grade ...	45	180			
	40	Total, for four Offices ...	...	1,372	16,464		

Detail of the Budget Estimate for Establishment under Imperial Military Works Branch—contd.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.
			RS.	RS.	RS.	RS.	RS.
		For twelve Sub-Divisional Offices.					
	1	Clerk, 4th Class, 3rd Grade ...	25				
	1	Messenger	6				
	2		31				
	24	Total, for twelve Offices ...	12	372	4,464		
		For seven detached Officers above the rank of Overseer.					
	7	Clerks, 4th Class, 3rd Grade ...	25	175	2,100		
		For thirteen Overseers.					
	13	Clerks, 5th Class, 1st Grade ...	17½	227½	2,730		
		Total, Office Establishment ...	...	..	25,758		
		Total, Salaries Construction ...	...	...	1,91,250		
		Do. Direction and Construction.	...	...	...	2,21,976	
		Travelling allowances	...	...	25,000	25,000	
		Contingencies inclusive of postage— 1 Suptg. Engineer ... Rs. 100 4 Divisional offices ... „ 400	500	6,000	...	6,000	
		Grand Total, Executive Branch ...	...	...	...	2,52,976	
		Accounts Branch.					
	1	Examiner, 4th Class, 1st Grade ...	950	950			
		Major, R.E.	183	183			
			...	1,133	13,596		
		Accountants.					
	1	Head Accountant, 1st Grade ...	400	400			
	2	Accountants, 3rd „ ...	200	400			
	4	„ 4th „ ...	115	460			
				1,260	15,120		
		Office Establishment.					
	*9	Clerks	...	...	6,029		
	*4	Menials	...	...	588		
		Total, Salaries ...	...	...	35,333		
		Travelling allowances	150	150	1,800		
		Contingencies	100	100	1,200		
		Total, Accounts Branch ...	...	...	...	38,333	
		Total, Executive and Accounts Branches	...	...	...	2,91,309	

* As per Hyderabad Examiner's letter No. 1906, dated 9th June 1886, copy attached.

Detail of the Budget Estimate for Establishment under Imperial Military Works Branch—contd.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.
		DEDUCTIONS.	RS.	RS.	RS.	RS.	RS.
		Cost of savings of establishment in other provinces—					
		Central Provinces	...	300			
		British Burma	...	950			
		Hyderabad	...	2,769			
		Madras—					
		Presidency Division ...	4,522				
		Examiner's Office ...	230				
				4,752			
		2 Accountants, 4th Grade, at 115	...	8,771	...	1,05,252	
		Approximate extra cost	...	...	...	1,86,057	

MADRAS,
15th June 1886.

(Signed) D. C. GORDON,
Examiner of P. W. Accounts.

From the Officiating Secretary to the Chief Commissioner, British Burma, to the Secretary to the Government of Madras, Military Department; dated Rangoon, 22nd April 1886, No. 2761.

With reference to Government of India, Military Department, letter No. 378-MW, dated 16th ultimo, to your address relating to the formation of a Military Works Department in the Madras Presidency, I am directed to state, with regard to paras. 2 and 3 of the above-quoted letter, that, if this department in Lower Burma is relieved of all Military Works, only four upper* subordinates can be spared for transfer.

* 3 Sub-Engineers.
1 Supervisor.

No officers are available for transfer.

No. 2748.

Transferred to the Public Works Department, in continuation of Military Department No. 2595, dated 27th April 1886.

(By Order.)

OOTACAMUND,
6th May 1886.

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
Secretary to Government.

From the Officiating Secretary to the Government of India, Military Department, to the Secretary to the Government of Bombay, Public Works Department; dated Simla, 12th May 1886, No. 697-MW.

Establishments.

I am directed to acknowledge the receipt of your letter No. 203-E—629, dated 15th April 1886, making certain inquiries in connection with the proposed formation of a Military Works Branch in the Bombay Presidency.

In reply I am to state as follows for the information of the Governor in Council:—

(1) Officers of Royal Engineers only will be eligible for employment on the engineering establishment of the department.

(2) The service in it of such officers as may be required will be compulsory if sufficient officers do not voluntarily enter. Officers entering the new department will do so in the grades in which they are at the time on the Public Works Department list.

(3) For the present promotions would be made on one list common to both the Public Works and Military Works Departments, as the Military Works Officers in the Bombay Presidency would not be sufficiently numerous to be maintained as a separate body.

No. 697-MW.

Copy of the above forwarded to the Secretary to the Government of Madras, Military Department, for the information of the Governor in Council.

(By Order.)

SIMLA,
12th May 1886.

(Signed) J. E. BROADBENT, Captain, R.E.,
Asst. Secy. to the Govt. of India.

No. 3101.

Transferred to the Public Works Department, in continuation of Military Department No. 2748, dated 6th May 1886.

(By Order.)

OOTACAMUND,
21st May 1886.

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
Secretary to Government.

From the Secretary to the Government of Bombay, Public Works Department, to the Secretary to the Government of Madras, Public Works Department; dated Bombay Castle, 27th April 1886, No. 49-B.

I am directed, in reply to your letter No. 24-D, dated 16th April 1886, to state that the establishment of the Bombay Public Works Department is not in excess of the needs of this Presidency, and it would not be possible to transfer any portion thereof to the new Military Works Department about to be formed in Madras.

2. With special reference to Belgaum and any stations at which Madras troops may be located, I am to observe that at present the Executive Engineer, Belgaum and Kolhapur, has charge of Provincial and Local Works over an area of 4,000 or 5,000 square miles of country, besides Military Works in connection with barracks, &c., at Belgaum, and that when relieved of the latter duties, which probably represent about one-sixth of his work, the time and attention of the District Engineer and his establishment will be fully occupied and needed for provincial and local requirements, so that no reduction will be possible in the establishment, so far as the Belgaum district is concerned, when this department is relieved of all work connected with Madras troops.

From the Officiating Secretary to the Resident, Hyderabad, to the Secretary to the Government of Madras, Public Works Department; dated Bolarum, 30th April 1886, No. 72-MW.

I am directed to acknowledge receipt of your letter No. 24-D of the 16th instant and its accompaniment, and to say that on the transfer of the buildings appertaining to the Hyderabad Subsidiary Force to the Military Works Branch of the Public Works Department, which has been sanctioned by the Secretary of State to be formed in the Madras Presidency, the following establishment can be made over:—

Executive Engineer, 2nd Grade.

Major H. C. Fox, R.E., on furlough for sixteen months from 2nd March 1886.

Assistant Engineer, 2nd Grade.

Lieutenant Eyre Houston, R.E.

Upper Subordinates.

Conductor W. T. Tobin, Supervisor, 1st Grade.
Sub-Conductor J. Cheria, do. do.

Lower Subordinate.

Mr. George Meek, Sub-Overseer, 1st Grade.

The services of a 4th Grade Accountant and of all the clerical establishment as detailed in margin of the office of the Executive Engineer, Secunderabad Division, can also be transferred.

	Salary. Minimum.	Salary. Maximum.	Present Salary.
	Rs.	Rs.	Rs.
1 Clerk, 3rd Grade ...	60	80	72
1 Do. do. ...	60	80	60
1 Do. 4th Grade ...	40	60	60
1 Do. do. ...	40	60	60
1 Do. do. ...	40	60	40
1 Do. do. ...	40	60	40
1 Do. 5th Grade ...	...	...	30
1 Do. do. ...	...	...	30
1 Do. do. ...	...	...	30
1 Do. do. ...	...	...	30
1 Draftsman ...	50	70	70
1 Cashier ...	...	...	60
1 Assistant Cashier ...	...	...	12
5 Peons, at Rs. 7 each	...	...	35
Petty Establishment.			
1 Storekeeper			50
4 Constables			30
3 Store Guard Peons			22
Total ...			731

2. I am to say that the two warrant officers are not at present attached to the Secunderabad Division, but are serving in Berars; and that they are mentioned as available, as it is thought they would be preferred from the fact of their being military men. But Colonel Ross desires me to add that the two civilian upper subordinates now with the Secunderabad Division can be transferred in place of the military men if desired. The civilian lower subordinate has had to do with the water-supply to the British troops for several years, and it is desirable he should remain as he is fully acquainted with the system, &c., and it might not be easy to replace him.

3. I am to say that the establishment above mentioned is the measure of the reduction possible in the strength of the Public Works Department of this administration consequent on the transfer of all work connected with the Madras troops.

From the Secretary to the Chief Commissioner, Central Provinces, to the Secretary to the Government of Madras, Public Works Department; dated Nagpur, 15th May 1886, No. 3212.

I am directed to acknowledge the receipt of your letter No. 24-D, dated 16th ultimo, inquiring what portion of the Public Works establishment under this administration can be transferred to the newly-sanctioned Military Works Department in the Madras Presidency, and what reduction will be possible in establishment when the Central Provinces officers are relieved of all works connected with the Madras troops.

2. The Officiating Chief Commissioner observes that the proposed executive divisions, as shown in Appendix B of the Proceedings of the Madras Government accompanying your letter under acknowledgment, include Kamptee and Sitabuldi only of the Madras military stations in the Central Provinces.

3. The actual work at these two stations is now performed by one upper and one lower subordinate, and these might be spared from the provincial establishment. But no officer, the Officiating Chief Commissioner regrets to say, can be spared at present, as each of these stations forms but a very small portion (so far as Military Works are concerned) of the executive divisions of Konkan and Nagpur in which they are situated.

4. I am to add that when Lieutenant-Colonel Peters, R.E. (at present attached to Railway) rejoins these provinces, Mr. Fitzpatrick will be glad to place his services at the disposal of the Madras Military Works Department.

No. 3813.

Forwarded for favor of the opinion of His Excellency the Commander-in-Chief, and of report with reference to para. 8 of the memorandum by the Secretary to Government, Public Works Department.

(By Order.)

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
Secretary to Government.

OOTACAMUND,
24th June 1886.

To the Quarter Master General.

No. 386. *Memorandum from Col. J. SHAW-STEWART, R.E., Secretary to Government, Public Works Department, to Lieut.-Col. A. KENNEY-HERBERT, Secretary to Government, Military Department; dated Ootacamund, 1st September* 1886, *No.* 596-*D.*

In returning the papers referred under Military Department endorsement, No. 4697, dated 6th August 1886, the undersigned is directed to forward, for the necessary action, a minute by His Excellency the Commander-in-Chief dated 31st August 1886, from which it will be seen that His Excellency desires to withdraw altogether the Quarter Master General's letter No. 2688-A, dated 3rd August 1886.

2. Since the receipt of the Government of India letter of 16th March 1886, calling for detailed proposals for the formation of the proposed Madras Military Works Department, this Government have received a letter * from the Finance Committee stating that a recommendation has already been made to abolish the Military Works Department under the Government of India, and calling for reports as to the feasibility of effecting economy in the existing establishments of the Madras Public Works Department. In view thereof, and after further consideration of the large additional annual outlay, Rs. 1,86,057, which will be involved by the establishment of a separate Military Works Department for the Madras Command, the Government in the Public Works Department desire to recede from the recommendations made to the Government of India in their letter, No. 2382-W, dated 24th August 1883, and are now of opinion that those proposals should be dropped, and that Military Works in the Madras Presidency should continue to be carried out, as heretofore, by the Provincial Public Works establishments.

* *Vide* extract attached.

3. The undersigned is therefore directed to suggest that the original proposals contained in this department memo. No. 291-D, dated 24th June 1886, be sent forward to the Government of India, but with expression of opinion on the part of this Government that the introduction into this Presidency of a Military Works Branch is, in their opinion, unnecessary and undesirable, especially at an additional cost of Rs. 1,86,000 per annum.

4. It is explained that the figures in the memorandum of 24th June 1886 and in the statement of cost have been altered to meet His Excellency the Commander-in-Chief's desire that the number of Assistant Engineers should be fixed so as to provide for a commissioned officer being stationed at each large station where British troops are quartered.

Minute by His Excellency the Commander-in-Chief.

With reference to my remarks, dated 27th instant, on the note "For orders" from the Public Works Department dated 10th August, I desire to withdraw entirely Quarter Master General's letter No. 2688-A of the 3rd.

I had not when it was written appreciated, indeed I had quite overlooked, the fact that the establishment of a Military Works Department would entail an extra cost of more than one lakh and eighty thousand rupees.

I am strongly of opinion that each Presidency should have the care of its own Army, and, as I believe the Madras Government is quite powerful enough to demand and secure a fair allotment for the housing of its garrisons, I would prefer not to disturb the system that has worked so smoothly.

To remove from the control of the Government the expenditure of monies thus provided would tend to weaken the interest that it happily extends towards its soldiers, and I think that it is better to foster this feeling than to take "a leap in the dark" by seeking for the sympathy of the Inspector-General of Military Works.

(Signed) H. MACPHERSON, Lt.-Genl.,
Commander-in-Chief, Madras Army.

OOTACAMUND,
31st August 1886.

Extract of a letter from the Secretary, Finance Committee, to the Secretary to Government, Public Works Department, Madras; dated Simla, the 2nd July 1886, No. 193.

I am desired to submit, for the consideration of His Excellency the Governor in Council, the following suggestions as to the possibility of effecting economy by an amalgamation of the different branches of the Public Works Department establishment which exist in some provinces for the purpose of carrying out Imperial, Provincial and Local Works, and to beg that this Committee may be favored with the views of His Excellency the Governor in Council on the subject.

2. It has been suggested to the Finance Committee that the system of maintaining separate establishments for Imperial, Provincial and Local Fund outlay in some provinces cannot tend to economy, and that a considerable saving might be effected if the whole of the Public Works transactions in each province were supervised by one establishment. They have already submitted their views to the Government of India as to the propriety of abolishing the Military Works Department and placing Imperial Military Works under the Provincial Governments in the same way in which Imperial Civil Works are now placed under them. It seems possible that the same principle might be extended to Local Works.

No. 387. ORDER THEREON, 24th September 1886, No. 5947.

Ordered that the Government of India be addressed accordingly.

No. 388. *To the Secretary to the Government of India, Military Department; dated 24th September* 1886, *No.* 5948.

(True Extract.)

Lt.-Col.,
Secretary to Government.

To the Quarter Master General.
,, Public Works Department.

Exd. E. C. Shunker.