

PWD - 1872

GO NO: 2190-2191

Dated - 14.9.1872.

*Proceedings of the Madras Government, Public Works Department,
14th September 1872.*

217. Read the following Proceedings of the Government of India in the Public Works Department, (Establishment—General,) dated Fort William, 8th May 1872, No 635-E. G. —

Reorganization of the Public Works Department in Madras.

Read again —

Letter No. 2,190 of the 4th August 1863, from the Government of Madras, and enclosures

Public Works Department letter No. 1,833-G. G. of the 17th August 1863, to do.

Letter No. 2,512 of the 31st August 1863, from the Government of Madras. Public Works Department letter No. 2,337-G. G. of the 25th September 1863, to the Government of Madras.

Letter No. 2,631 245 of the 12th September 1863, from the Government of Madras.

Public Works Department letter No. 5,398 of the 29th December 1863, to the Government of Madras.

Letter No. 3,722-409 of the 16th December 1863, from the Government of Madras.

Despatch from Secretary of State to Government of India, No. 47 of 9th December 1863.

Public Works Department letter 587-E-3,483 of 1st August 1864 to Government of Madras.

Read also —

Letter No. 2,319 of the 12th September 1870, from the Government of Madras and enclosure.

OBSERVATIONS —The Government of India approve, on the whole, of the organization recommended by the Government of Madras in its main features and especially with reference to the institution of District Engineers, which they deem most desirable with a view to the efficient direction of the numerous and complicated works which characterize the Madras Presidency, and which have recently received a still greater development in consequence of the establishment of Local Fund Circles.

2 The Governor-General in Council observes that the Government of Madras supposes the arrangement at present in force to be the Superintending Engineer system of the Government of India, but that is not the case. An essential part of that system was left out, namely, the Divisional (or Executive) Engineers between the Range (or Sub-Divisional) Officers, and Superintending Engineers, even though as numerous as those of Madras, could not directly control the Sub-Divisional Officers, as was pointed out to the Madras Government in 1863 64.

3. In the scheme now sent up this is to some extent remedied by eliminating the Superintending Engineers and appointing District Engineers instead of sufficient numbers to supervise properly the Range Officers. These District Engineers are something intermediate between Superintending and Executive Engineers, being rather what is termed by the Government of India Superin-

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tendents of works. Three or four are to have responsibilities equal, or nearly equal to Superintending Engineers, while others again are to control expenditure which would only equal a small charge for an Executive Engineer. It is proposed to give twelve of these officers the salaries of Superintending Engineers, while more than three (or four at most) have responsibilities in proportion.

4. Again, the whole scale of salaries for Engineers is slightly altered from what the Government of India has established elsewhere. The alterations have apparently no particular object, and are not, on the whole, in the direction of economy. This will be seen from the following tables.

5. The Government of India's Establishment for the buildings and roads and Irrigation branches gives the following scale.—

	RS.	Monthly RS.
4 Chief Engineers, 1st class	2,500	10,000
4 Do do, 2nd do.	2,000	8,000
4 Do do, 3rd do	1,800	7,200
10 Superintending Engineers, 1st grade	1,600	16,000
10 Do do, 2nd do.	1,350	13,500
9 Do do, 3rd do	1,100	9,900
38 Executive Engineers, 1st grade	950	36,100
50 Do do, 2nd do.	800	40,000
51 Do do, 3rd do	650	33,150
63 Do do, 4th do	550	34,650
88 Assistant Engineers, 1st do	450	39,600
129 Do do, 2nd do.	350	45,150
38 Do do, 3rd do.	250	9,500
3 Apprentices	100	300
Total		3,03,050
Average per Engineer ..		605

6. The Government of Madras proposes the following.—

	RS.	RS
1 Chief Engineer	2,500	2,500
1 Consulting Engineer for Irrigation	2,000	2,000
1 Deputy Chief Engineer	1,500	1,500
4 District Engineers	1,500	6,000
3 Do do	1,350	4,050
5 } 21 Do do	1,100	5,500
7 } Do do	900	6,300
2 } Do do	700	1,400
1 Consulting Architect	1,200	1,200
1 Executive Engineer	700	700
15 Assistant District Engineers	600	9,000
16 Do do do	500	8,000
16 Do do do	400	6,400
12 Do do do	250	3,000
Total		57,550
Average per Engineer		678

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7. But the scale of establishment which would be suitable under the Government of India's organization would be—

	RS.
1 Chief Engineer, 1st class	2,500
1 Do do, 2nd do	2,000
2 Superintending Engineers, 1st grade, at Rupees 1,600	3,200
2 Superintending Engineers, 2nd grade, at ,, 1,350	2,700
1 Do do, 3rd ,, at ,, 1,100	1,100
6 Executive Engineers, 1st grade, at ,, 950	5,700
8 Do do, 2nd ,, at ,, 800	6,400
9 Do do, 3rd ,, at ,, 650	5,850
11 Do do, 4th ,, at ,, 550	6,050
15 Assistant do, 1st ,, at ,, 450	6,750
22 Do do, 2nd ,, at ,, 350	7,700
7 Do do, 3rd ,, at ,, 250	1,750
Total ..	51,650
Average per Engineer ..	608

8 This is a little beyond the Government of India's average, but replacing one of the second grade Superintending Engineers by the Consulting Architect, and arranging on the Madras scale it comes to—

	RS.
1 Chief Engineer	2,500
1 Consulting Engineer for Irrigation	2,000
1 Deputy Chief Engineer	1,600
1 District Engineer, at Rupees 1,600	1,600
1 Do do, at ,, 1,350	1,350
1 } 21 Do do, at ,, 1,100	1,100
6 } Do do, at ,, 950	5,700
8 } Do do, at ,, 800	6,400
4 } Do do, at ,, 650	2,600
1 Consulting Architect	1,200
1 Executive Engineer	650
4 Assistant District Engineers, at Rupees 650	2,600
11 Do do, do at ,, 550	6,050
15 Do do, do at ,, 450	6,750
22 Do do, do at ,, 350	7,700
7 Do do, do at ,, 250	1,750
Total ..	51,550
Average per Engineer ..	606

9 This scale, or something not more expensive, the Government of India considers should be adopted. It gives fair emoluments compared with the other Public Works Establishments in India, and it retains the salaries assigned to the various grades by the Government of India. It is proper and convenient to maintain uniformity in this respect. In fact, it is enjoined by the Secretary of State in his Despatch No. 47 of the 9th December 1863. Any officers who would be injured by the new scale would, of course, retain their present salaries until otherwise provided for.

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10 In sanctioning the establishment graded according to the Government of India's nomenclature, there is nothing to prevent the Government of Madras from superadding the designation it pleases to adopt. The grade sanctioned by the Government of India should be retained for the purpose of general rules and financial arrangements. Those superadded by the Local Government would constitute the designation of the local appointments.

11. The Governor-General in Council in this department observes that the Government of Madras have omitted the two proposed Inspecting officers in view to economy. But this is not necessary. The officers in the above list on Rupees 1,600 and 1,350 Rupees per mensem might be made Inspectors, two of the Assistant District Engineers on Rupees 650 per mensem being brought in as District Engineers for the smaller districts. The Inspecting officers would no doubt be useful for the working up and scrutiny of large projects as well as for inspecting

12 There is no objection to what the Government of Madras proposes in regard to the scale of salaries for the Upper and Lower Subordinate Establishments except in regard to established grades, which should be maintained.

13. In paragraphs 28 to 31 of the Report of the Commissioners appointed to inquire into and report upon certain matters connected with the working and organization of the Public Works Department in the Madras Presidency, it is implied that the District Engineers should review and have the first audit of the accounts of the Range or Sub-divisional Officers. This the Government of India considers proper, and should be considered as an integral part of the new organization. The District Engineers should complete the accounts of their districts (being aided by the appointment of more efficient Accountants than are at present employed), and send them up for final audit to the Controller at the Presidency. The details of the arrangement should be worked out and submitted for the approval of the Government of India.

14. The above scales of establishment are not absolutely imposed on the Government of Madras, which is at liberty to submit a modified proposal if considered desirable, bearing in mind the indispensable condition that the future charge to the Imperial revenue is not to exceed the present charge, that the Government of India is to have a proportionate benefit of any reduction of expenditure which can be effected, and that the gross expenditure on establishments should, if possible, be restricted to 20 per cent. on the entire Public Works outlay.

15. In conclusion, the Government of India desires to call the attention of the Government of Madras to the question of customary labour, and to state that the expected report on that subject will be awaited.

ORDER—Ordered that these observations be communicated to the Government of Madras and to the Financial Department for information.

(Signed) C H DICKENS, Colonel, R A ,
Secretary to the Government of India.

*Proceedings of the Madras Government, Public Works Department,
14th September 1872.*

No. 218.

ORDER THEREON, 14th September 1872, No. 2,190.

ESTABLISHMENT, No. 14.

ORDERED that the Government of India be addressed on the subject,

(Here enter No. 2,191, dated 14th September 1872.)

(True Extract.)

Colonel, R.E.,
Secretary to Government.

Exd E. C. Shunker;

Statement showing the Financial Results of the proposed reorganization of the Public Works Department

No	Items of Charge	Rate	Per mensem	Per annum	Total per annum	Grand Total.
	<i>Direction.</i>	RS	RS	RS.	RS.	
1	Chief Engineer and Secretary to Government (Class I)	..	2,500	30,000		
	Office Establishment for do.	..	2,533	30,396		
	Do Contingencies		50	600		
1	Chief Engineer, Class II (Consulting Engineer for Irrigation)		2,000	24,000		
2	Superintending Engineers, 1st Grade (Consulting Engineers for Communications and Harbours and for Civil and Military Buildings)	1,600	3,200	38,400		
	Office Establishments for three Consulting Engineers		1,380	16,560		
	Do Contingencies for do	20	60	720		
	House-rent for do	60	180	2,160		
	Travelling allowance for do	166½	500	6,000		
				1,48,836		
2	Superintending Engineers, 2nd Grade (District Engineers)	1,350	2,700	32,400		
1	Superintending Engineer, 3rd Grade (District Engineer)	...	1,100	13,200		
6	Executive Engineers, 1st Grade (five District Engineers and one Consulting Architect)	950	5,700	68,400		
8	Executive Engineers, 2nd Grade (District Engineers)	800	6,400	76,800		
5	Executive Engineers, 3rd Grade (District Engineers)	650	3,250	39,000		
	Five first-class District Office Establishments.	463	2,315	27,780		
	Six second do do.	352	2,112	25,344		
	Eight third do do	317	2,536	30,432		
	Two fourth do do	...	560	6,720		
	Office Establishment for Consulting Architect.	...	270	3,240		
	Office-rent, where required, for District Engineers		400	4,800		
	Travelling allowance for twenty District Engineers	125	2,500	30,000		
	Batta for twenty Office Establishments	25	500	6,000		
	Carriage allowance to Consulting Architect, and District Engineer, Bangalore	50	100	1,200		
	Personal allowance to Consulting Architect		250	3,000		
	Office Contingencies for twenty-one District Engineers and one Consulting Architect	20	440	5,280		
	Official Postage	...	...	10,000		
	House-rent for District Engineer, Presidency, and Consulting Architect	60	120	1,440		
	Pay proper under "Direction"	...	...	40,000		
	Military allowances		1,000	12,000		
				4,37,036		
	Total Direction		...		5,85,872	
	<i>Construction.</i>					
1	Executive Engineer, 3rd Grade, for the Presidency	...	650	7,800		
3	Executive Engineers, 3rd Grade (Assistant District Engineers)	650	1,950	23,400		
11	Executive Engineers, 4th Grade (Assistant District Engineers)	550	6,050	72,600		

Statement showing the Financial Results of the proposed reorganization, etc.—(Continued)

No.	Items of Charge.	Rate.	Per mensem	Per annum.	Total per annum	Grand Total.
	<i>Construction —(Concluded)</i>	RS.	RS.	RS.	RS.	
15	Assistant Engineers, 1st Grade (Assistant District Engineers)	450	6,750	81,000		
22	Assistant Engineers, 2nd Grade (Assistant District Engineers)	350	7,700	92,400		
7	Assistant Engineers, 3rd Grade (Probationers)	250	1,750	21,000		
4	Sub-Engineers, 1st Grade	400	1,600	19,200		
3	Do, 2nd do	300	900	10,800		
7	Do, 3rd do	250	1,750	21,000		
15	Supervisors, 1st do	200	3,000	36,000		
26	Do, 2nd do	150	3,900	46,800		
40	Overseers, 1st do	100	4,000	48,000		
60	Do, 2nd do	80	4,800	57,600		
87	Do, 3rd do	60	5,220	62,640		
	Petty Establishments ...	..	..	1,50,000		
2	Mechanical Engineers ...	..	720	8,640		
				7,58,880		
	<i>Office Establishments</i>					
	For seven Officers to be employed on special duties	98	686	8,232		
	For seven Officers (Probationers)	36	252	3,024		
	For one Officer at the Presidency	..	442	5,304		
	For twenty-five ordinary first-class ranges ..	171	4,275	51,300		
	For twenty-three do second do. do	136	3,128	37,536		
	For seven do third do do	96	672	8,064		
	For nine special ranges at different rates	..	2,227	26,724		
	For thirty-four Supervisors to assist Range Officers	39	1,326	15,912		
	For one Sub-Engineer and one Supervisor at the Presidency and for 187 Overseers	27	5,103	61,236		
	For one Supervisor at Paumben, special, as at present	..	138	1,656		
	Pay proper	..	..	20,000		
	Military allowances of Officers	..	..	7,500		
	Do of Subordinates	..	..	30,000		
	Presidency house-rent to Executive Engineer and Executive Subordinates	..	..	1,300		
	Special allowance to the Wynaad Establishment	..	..	4,000		
	Travelling allowance and batta to Office Establishments	..	..	2,15,000		
	Contingencies and official postage 10,900 + 12,000	..	..	22,900		
	Lithographic Department	..	968	11,616		
	Contingent allowance for do	..	50	600		
	Public Works Store Department	..	870½	10,446		
	Temporary and Survey Establishments	..	..	35,000		
	Civil Engineering College	..	..	42,000		
				6,19,350		
	Total Construction ..				13,78,230	
	<i>Accounts.</i>					
1	Controller	..	1,500	18,000		
1	Deputy Controller	..	550	6,600		
	Presidency house-rent	..	105	1,260		
	Travelling allowance	..	166½	2,000		
	Office Establishment	..	4,390	52,630		

Statement showing the Financial Results of the proposed reorganization, etc —(Concluded)

No	Items of Charge.	Rate.	Per mensem	Per annum.	Total per annum	Grand Total
	<i>Accounts —(Concluded)</i>	RS.	RS	RS	RS.	
	Office Contingencies	..	50	600		
	Official Postage	..	..	8,000		
					89,140	
	<i>Conservancy</i>					
	Vide printed Budget ..	..	..	..	97,677	

Abstract

	As per Budget for 1872-73	As per present Statement.	As per last Statement
	RS.	RS	RS.
Direction	3,78,281	5,85,800	5,70,072
Construction	* 15,11,026	13,78,200	14,27,964
Accounts	88,910	89,000	80,740
Conservancy	97,677	97,000	96,089
	† 20,75,894	21,50,000	21,74,865

* Includes extra Rupees 300 for East Coast Canal Establishment.

† Passed in round numbers by the Government of India for Rupees 20,75,600.

PUBLIC WORKS DEPARTMENT,
OOTACAMUND, 14th September 1872.

No. 219.

No 2,191.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,

PUBLIC WORKS DEPARTMENT.

ESTABLISHMENT, No. 15.

SIR,—In acknowledging the receipt of the Proceedings of the Government of India, under date the 8th May,

No. 635, containing the observations of the Governor-General in Council on the recommendations submitted in my predecessor's letter of the 12th September 1870 for the reorganization of the Public Works Establishments in this Presidency, I am directed to submit a revised scheme of establishments which has been framed in conformity with the instructions conveyed in the 7th and following paragraphs of the Proceedings in question.

2. This scheme, so far as regards the number and salaries of Engineers, has been framed in strict conformity with the scale prescribed in paragraph 8 of the Proceedings except that the Consulting Architect has been included among the six Executive Engineers of the first class on salaries of Rupees 950 per mensem, provision being made for a personal allowance of Rupees 250 per mensem to the present incumbent.

3. With reference to the remarks in paragraph 11, provision has been made for two inspecting officers on salaries of Rupees 1,600 each, the proposed Deputy Chief Engineer being dispensed with

4. The aggregate cost of the establishment will be Rupees 21,50,000 against Rupees 21,74,865, the cost of the establishment proposed in Colonel Carpendale's letter of the 12th September last. All the items have been very carefully scrutinized with the view of effecting, if possible, a further reduction, but this has been found impracticable; and the Governor in Council earnestly hopes that the establishment now proposed will receive the sanction of the Government of India.

Local, including Tools and Plant	46,32,380
Imperial, other than Agricultural	5,70,000
Do, Agricultural, Ordinary	17,91,200
Do, do Extraordinary	8,77,000
Do, Tools and Plant	56,200

Total ..	79,26,780
Proposed establishments	21,50,000

Grand Total 100,76,780

Compared with the total of grants for the current year, as shown in the margin, it amounts to 21 33 per cent. on the entire Public Works outlay, but it needs only the moderate increase of 6 $\frac{3}{4}$ lakhs to Imperial grants to bring the cost of establishments within the percentage prescribed by the Governor.

General in Council, namely, 20 per cent. on the gross outlay.

5. It is proposed to introduce the new organization on the 1st December next, that being on the whole the most convenient date for carrying out the change with reference to the state of works, especially in the chief irrigation districts. As the new scale of establishments will only be in force for four months of the

official year, there is no reason to anticipate that the grant for the current year of Rupees 20,75,890 will be exceeded. The increased scale will doubtless be met by savings spread over the year, which in 1871-72 amounted to Rupees 66,000.

6 With reference to the remark made in paragraph 13 of the Proceedings to the effect that the review, audit, and completion of the accounts of the Range Officers by the District Engineers should be an integral part of the new organization, I am directed to state that such an arrangement has not been contemplated by the Government of Madras; and that the Governor in Council would greatly deprecate any plan which, by imposing upon the District Engineers the responsibility of auditing and completing the accounts of the Range Officers, would interfere with the important object of reserving the former officers exclusively for purposes of supervision. The amount of office work which, under the system in force previous to the reorganization of 1863, devolved upon the District Engineers was one of the main reasons which led to the condemnation of that system. On this point there would seem to be some misconception in regard to the meaning of the remarks made by the Commissioners in paragraphs 28 to 31 of the report of the 5th April 1870. These remarks have no reference to the audit or completion of the accounts; they merely propose a change in the arrangements at present in force for settling the distribution of the expenditure on Public Works and reviewing its results. The Madras Government consider it of great importance that the range should be retained as the executive unit, although the number of ranges has now been reduced so as to admit of these charges being held by officers of the Engineer and Sub-Engineer grades almost exclusively. It is to the greater frequency and thoroughness of the inspection and supervision of works that they look for improvement under the District Engineer system as now proposed. With these remarks, I am directed to request that early orders may be passed on the scheme of establishments submitted herewith.

7. The report on customary labour is now being compiled from the replies of the various officers consulted, and will be laid before the Government of India at an early date.

I have the honour to be,

Sir,

Your most obedient servant,

Colonel, R.E.,

Secretary to Government.

Ed. E. C. Shunker.

Items of charge.				Rate	Per annum	Total per annum	Grand total
<u>Construction</u>							
1	Executive Engineer 3 rd Grade for the Presidency			-	650	7,800	
3	do do 3 rd do (Spot Dist. Engineers)			650	1,950	23,400	
11	do do 4 th do do			550	4,050	72,600	
15	do do 1 st do do			450	6,750	81,000	
22	do do 2 nd do do			350	11,400	92,400	
7	do do 3 rd do (Probationers)			250	1,750	21,000	
4	Sub Engineer 1 st do			400	1,600	19,200	
3	do do 2 nd do			300	900	10,800	
7	do do 3 rd do			250	1,750	21,000	
15	Supervisors 1 st do			200	3,000	36,000	
26	do do 2 nd do			150	2,900	46,800	
40	Overseers 1 st do			100	4,000	48,000	
60	do do 2 nd do			80	3,800	57,600	
87	do do 3 rd do			60	2,200	62,640	
<u>Petty Establishments</u>						1,50,000	
2	Mechanical Engineers			120	8,640		
<u>Office Establishments</u>						7,58,880	
<u>For 7 Officers to be employed on Special duties</u>							
For 7 do (Probationers)				36	352	3,024	
For 1 do at the Presidency				-	442	5,304	
For 34 Ordinary 1 st class Range				171	275	51,300	
For 30 do 2 nd do				136	1,288	1,75,336	
For 9 do 3 rd do				96	64	10,368	
For 10 Special Range at different rates				-	520	30,320	
For 34 Supervisors to assist Range officers				39	560	18,720	
For 1 Sub Engineer & 1 Supervisor at the Presi-				27	103	61,336	
For 1 Supervisor at Pambour Special as at present				-	138	1,656	
Pay proper				-	-	20,000	
Military allowances of officers				-	-	7,500	
do do Subordinates				-	-	22,920	
do do				-	-	11,616	
do do				-	-	600	
Contingent allowance for do				-	-	10,446	
Public Works Store Department				-	-	2,000	
Temporary and Survey Establishments				-	-	42,000	
Civil Engineering College				-	-	6,321.30	
<u>Total Construction</u>						13,91,910	

ing the financial results of the proposed reorg.
the Public Works Department.

charge.	Rate	Per annum	Per annum	Total per annum	Grand Total
Secretary to Government (I class)	-	2,500	30,000		
for Do	-	2,533	30,396		
ies	-	50	600		
(Cons. Engineer for Irrigation)	-	2,000	24,000		
(Cons. Engineers for Commu- nications & for Civil and Military Buildings)	1,600	3,200	38,400		
for 3 Cons. Engrs. - vide details	-	1,380	16,560		
encies for Do	20	60	720		
Do	60	180	2,160		
for Do	166 $\frac{2}{3}$	500	6,000		
			1,48,836		
do (District Engineer)	1,350	2,700	32,400		
do (Do)	-	1,100	13,200		
Do (Five District Engineers and one Cons. Architect)	950	5,700	68,400		
Do (District Engineers)	800	6,400	76,800		
Do (Do)	650	3,250	39,000		
Office Establishments	463	2,315	27,780		
Do	352	2,112	25,344		
Do	317	2,536	30,432		
Do vide details	-	560	6,720		
Cons. Architect	-	270	3,240		

Statement showing the Financial Results of the proposed
reorganization of the Public Works Department.

Memo of Charge	Rate	Per annum	Per annum	Total per annum	Grand Total
<u>Direction</u>	Rs	Rs	Rs	Rs	
Chief Engineer & Secy to Govt (class I)	2,500	30,000			
Office Establishment for do	2,533	30,396			
do Contingencies	50	600			
Chief Engineer Class II (Cons. Engineer for Irrigation)	2,000	24,000			
Super Engineers 1 st grade (Cons. Engineers for Communications & Harbours and for Civil & Military Buildings)	1,600	32,000	38,400		
Office Establishments for 3 Cons. Engineers	1,380	16,560			
do Contingencies for do	20	60	720		
House-rent for do	60	180	2,160		
Travelling allowance for do	166 $\frac{2}{3}$	500	6,000		
			1,48,836		
Super Engineers 2 nd grade / District Engineers	1,350	2,700	32,400		
Super Engineers 3 rd grade / District Engineer	1,100	13,200			
Executive Engineers 1 st grade / 5 District Engineers & one Consulting Architect	950	5,700	68,400		
Executive Engineers 2 nd grade / District Engineers	800	6,400	76,800		
do do 3 rd do / do do	650	3,250	39,000		
Five first class District Office Establishments	463	2,315	27,780		
do second do do	352	2,112	25,344		
do third do do	317	2,536	30,432		
do fourth do do	-	560	6,720		
Office Establishment for Cons. Architect	270	3,240			
Office rent, where required, for District Engineers	400	4,800			

Construction			
3 rd grade, for the Presidency	650	7800	
3 rd do (Assistant St Engineer)	650	1950	23400
4 th do (do do)	550	6050	72600
1 st do (do do)	450	6750	81000
2 nd do (do do)	350	4700	92400
3 rd do (Probationers)	250	1750	21000
1 st grade	400	1600	19200
2 nd do	300	900	10800
3 rd do	250	1750	21000
1 st do	200	3000	36000
2 nd do	150	3900	46800
1 st do	100	4000	48000
2 nd do	80	4800	57600
3 rd do	60	5220	62640
Engineers		150000	
	720	8640	
		758800	

Establishments			
Employed on Special duties	98	686	83320
Probationers	36	252	3024
of the Presidency		442	5304
first class ranges	171	4275	51300
second do do	136	3128	37536
third do do	96	672	8064
ages at different rates		2227	26724
Cons: Architect		140	

Accounts		
1 Controller	1500	18000
1 Deputy Controller	550	6600
Presidency Hance-rent	105	1260
Travelling allowance	16 2/3	2000
Office Establishment	4390	52680
" Contingencies	50	600
Official Postage		8000
		87140
Conservancy		
Vide printed budget		77677

Abstract

Direction.
Construction
Accounts
Conservancy

as per Budget for 1872-73	as per present statement	as per last statement
3,78,281	5,85,800	5,40,073
75,12,061	3,78,200	11,27,964
88,910	89,000	80,740
97,677	77,000	96,089
*20,5874	2,150,000	21,74,865

Ret. 1900. P.W. Dept.
No. 2190.
No. of the Madras Govt.

Read the following:-

From the Secy. to the Govt. of India
P.R. No. 13584 of
8 May 1900

Ordered that
the Govt. of India
be addressed on
the subject.

P.R. No. 2191 of
21 May 1900

To the Secy. to the
Govt. of India

S.O. No. 21908

To The Secy Wm Fort, India.
Sir,

In acknowledging the receipt of the proceedings of the Govt. of India under date the 8th May, 1870, containing the observations of the Governor General in Council on the recommendations submitted in my predecessor's letter of the 12th Sept. 1870 for the reorganization of the Public Works Establishments in this Presidency, I am directed to submit a revised scheme of establishments which has been framed in conformity with the instructions conveyed in the 7th and following paragraphs of the proceedings in question.

This scheme so far as regards the number and salaries of Engineers has been framed in strict conformity with the scale prescribed in para 8 of the proceedings except that the Consulting Architect has been included among the six Executive Engineers of the 1st class on Salaries of Rs 950 per mensem, pro:

vision being made for a personal allowance of Rs 250 per mensem to the present incumbent. The result is that the number is reduced from 85 to 84 and the total cost of the Engineering branch of the Establishment from Rs 51550 to Rs 50600 per mensem, the latter sum giving an average per Engineer of Rs 602-6-1/7 -

With reference to the remarks in para. 11 provision has been made for two Inspecting Officers on Salaries of Rs 1600 each, the proposed Deputy Chief Engineer being dispensed with -

The aggregate cost of the Establishment will be Rs 21,50,000, against Rs 21,74,865, the cost of the Establishment proposed in Colonel Carpenter's letter of the 12th Sept. last. All the items have been very carefully scrutinized with the view of effecting if possible, a further reduction, but this has been found impracticable; and the Governor in Council earnestly hopes

April

Local, including:	R
Tools & Plant	46,32,380.
Imperial, other	
on Agricultural	5,70,000.
on Agricultural	17,91,200.
on Extraordinary	8,77,000.
on Tools & Plant	58,000.
	<u>R 79,26,780</u>
Proposed Estab ^{ment}	21,50,000.
Grand Total	<u>R 100,76,780.</u>

that the Establishment proposed will receive the sanction of the Govt of India. Compared with the total of grants for the current year, as shown in the margin it amounts to 21.33 per cent on the entire Public Works outlay, but it needs only the moderate increase of 6 1/2 lakhs to Imperial limits to bring the cost of Establishment within the percentage prescribed by the Govt. of India, viz. 20 per cent on the gross outlay -

It is proposed to introduce the new organization on the 1st December next, that being in the whole the most convenient date for carrying out the change with reference to the state of works, especially in the Chief Irrigation Districts - As the new scale of Establishment will only be in force for 4 months of the official year, there is no reason to anticipate that the grant for the current year of Rs 20,75,890 will be exceeded - The increased scale will demand

help be met by savings
spread over the years, which
in 1871-72 amounted to
£66,000 -

With reference to the remark
made in para 13 of the pro-
ceedings to the effect that
the review, audit, and
completion of the accounts
of the Range Officers by
the District Engineers
should be an integral
part of the new organiza-
tion, I am directed to
state that such an arrange-
ment has not been con-
templated by the Govt. of
Madras; and that the
Governor in Council would
greatly deprecate any
plan which, by imposing
upon the District Engineers
the responsibility of audit-
ing and completing the
accounts of the Range Offi-
cers would interfere with
the important object of
reserving the former Offi-
cers exclusively for pur-
poses of supervision -

The amount of office work
which, under the system
in force previous to the re-
organization of 1863, de-
volved upon the District
Engineers, was one of the

with

has now been
revised so -

main reasons which led
to the condemnation of that
system - On this point
there would seem to be
some misconception in re-
gard to the meaning of the
remarks made by the
Commissioners in paras
28th to 31st of the Report of
the 5th April 1870. Those re-
marks have no reference
to the audit or completion
of the accounts; they merely
propose a change in the
arrangements at present
in force for settling the
distribution of the expen-
diture on Public Works
and reviewing its results.
The Madras Government
considers it of great im-
portance that the Range
should be retained as the
Executive unit, although
they have reduced the
number of Ranges to
make as extent as to ad-
vise of these changes being
held by Officers of the Engi-
neers & Sub Engineers & under
almost exclusively. It is
to the greater frequency
and thoroughness of the
inspection & supervision
of works that they look
for improvement under

the District Engineer system
as now proposed. With
these remarks, I am di-
rected to request that
only orders may be
passed on the scheme
of establishments
submitted herewith.

The Report on En-
gineering Lubrication is now
being compiled from
the replies of the various
Officers concerned, &
will be laid before the
Govt of India at an
early date.

Recd: 21/9/12 with 35 files
Chis. & 36 copies of the statement.

P. W 1872 W. W. W. W. W.

No 2453

from

The Government of
India.

20-3-15
21-7-11

Wals 8" } keep 10%
Reap 16.5 }
Ch. 6358 f

Referring to

on the subject of

the re-organization

of the Madras P. W.

Department -

No 2190 of 14 & 15/12

The above p. W. has been cancelled.
Hence the last letter to
3rd part. We want to "cut"
on cut according to the old
and the same for what
we have p. W. 1872