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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.
can, 376/53

G.O. No. <i>2728</i>	Press Mis.
<i>6344</i>	
Dated <i>23-11-</i>	<i>1857.</i>

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
for the month of November 1859.

No. 43. Read the following letter from Lieutenant-Colonel J. H. BELL, Chief Engineer ;
to J. D. BOURDILLON, Esq., Secretary to Government, dated 28th September
1859, No. 5489.

I have the honor, as required by the Government of India in their despatch, No. 286 of
18th May 1855, to submit for the information of the Govern-
ment of Fort Saint George, and for transmission to the Supreme
Government, the progress report of the Department of Public
Works for the year 1858-59, together with the following state-
ments prepared in accordance with the above, and with the direc-
tions given by the Government of India in despatch No. 2431,
dated 30th May 1856, viz.

1. Synopsis of expenditure on Public Works under the specified heads.
 2. Tabular view of expenditure in more detailed classification of subjects.
 3. Abstract of classified expenditure.
 4. Statement shewing the results of remunerative works.
 5. Statistics of expenditure on the great works of the country.
 6. List of officers distinguished by zeal and activity during the past year.
2. The budget for the year under consideration having been compiled after the model
furnished by the Government of India in despatch of 30th Octo-
ber 1857, No. 5213, the progress report, therefore, has been drawn
up to correspond therewith, viz., works are entered under their
respective classes, instead of according to districts as was formerly
the case.

3. The total of all classes of expenditure during the official year ended 30th April last,
including establishments of which travelling allowances form a part, is Rupees 62,04,807 :

	New.	Repairs.	Total.
Viz. State works, Rupees.	8,69,651	2,67,063	11,36,714
Public do. ,, ...	6,74,390	27,01,633	33,76,023
Total Rupees.....	15,44,041	29,68,696	45,12,737
Establishments.			16,92,070
Grand Total, Rupees.....			62,04,807

4. The following abstract shews in a distinct and concise shape the amount of sanctioned
estimates, and the portion thereof which has been spent during the past and former years. It
will be seen that estimates have been sanctioned to the extent of fully 2 crores; but of this sum
only 71½ lacs have been expended, leaving more than a crore and a quarter unexpended. The
imposition in July 1857 and subsequent maintenance of restric-
tion upon almost every branch of expenditure, has led to this
result, and it may be mentioned that of 679 budget works sanc-
tioned, 456 have been in abeyance during the past year.

Despatch from Government of India,
No. 3265, dated 3rd July 1857, com-
municated in Extract Minutes of
Consultation, No. 1372, 17th July
1857.

ABSTRACT.

	State.			Public.			Total.		
	Estimate.	Expenditure during this year.	Total Expenditure.	Estimate.	Expenditure during this year.	Total expenditure.	Estimate.	Expenditure during this year.	Total Expenditure.
	Rupees.	Rupees.	Rupees.	Rupees.	Rupees.	Rupees.	Rupees.	Rupees.	Rupees.
Statement No. 1	22,30,050	55,219	80,099	24,85,244	34,879	61,866	47,15,294	90,098	1,41,935
Do. No. 2 including									
emergent works...	38,82,305	8,14,432	20,25,730	117,49,673	6,39,511	50,08,985	156,31,978	14,53,943	70,34,715
Total..	61,12,355	8,69,651	21,05,829	142,34,917	6,74,390	50,70,871	203,47,272	15,44,041	71,76,700

5. Before making the remarks which I have to offer upon the progress report, I think it will be advantageous to contrast the operations of the past year with those of the preceding one, as some phases in the comparison should be prominently brought before the notice of Government.

6. The expenditure in 1857-58, according to the progress report for that year, amounted to Rupees 59,56,484; but in order that a fair comparison may be instituted between the outlay for 1857-58 and last year, the sum laid out upon the barracks at Trimulgherry near Secunderabad, and the establishment and contingency expenses incurred thereon, amounting to Rupees 3,82,119, must be deducted from the above sum, as during the year under review, the charge of these works was disavowed from this Presidency, and accordingly the expenditure thereon is not included in the accompanying statements. This deduction being made, Rupees 55,74,365 remains as the outlay in that year, the contrast between which and the past years' expenditure exhibits an increase in the latter of Rupees 6,30,112.

7. Upon prosecuting this comparison into details, three important points are elicited, which will now be noticed. These are :—

1st.—The ratio which the establishment of 1858-59 bears to the expenditure upon works, as compared with that of 1857-58, involving a comparison between the amount of outlay on works in the two years.

2nd.—The ratio which the expenditure upon new works bears to that upon repairs during last year, as contrasted with the preceding one, and

3rd.—The very large increase in the outlay upon repairs during the past year.

8. The first of these is the most important, particularly in the present embarrassed state of the finances of the country, and the result exhibited is, to say the least of it, very satisfactory and encouraging. In 1857-58 the total expenditure upon works amounted to Rupees 41,98,171, and the establishment and contingency charges to Rupees 17,58,313, or fully 41½ per cent. thereon. In 1858-59, the total expenditure was, as before stated, Rupees 45,12,737, and establishment and contingencies Rupees 16,92,070, or a little more than 37½ per cent. Thus, an *increased* outlay on works of Rupees 3,14,566 or 7½ per cent. has taken place, and the cost of superintendence has *decreased* Rupees 66,243 or fully 3¼ per cent. In this comparison, I have not deducted the Secunderabad expenditure and establishment, as Government based their remarks upon last years' progress report upon the above figures; but when these are subtracted, a much more favorable view is presented as follows :

Extract Minutes of Consultation, 25th
October 1858, No. 2238.

	Rs.
Total outlay, 1857-58.....	41,98,171
Secunderabad.....	3,64,949
	<u>38,33,222</u>
Total establishment, 1857-58.....	17,58,313
Secunderabad.....	17,170
	<u>17,41,143</u>
1857-58	38,33,222
1858-59	45,12,737
	<u>6,79,515</u>
1857-58	17,41,143
1858-59	16,92,070
	<u>49,073</u>

9. The second point displays the wide difference that exists between the nature of the operations undertaken in the two last years. In 1857-58, the expenditure upon new works and repairs came to within Rupees 31,000 of each other, that upon new works being the larger; but

during last year, the outlay upon repairs was the greater and exceeds that upon new works by nearly 14½ lacs. On this last named branch of expenditure, the sum spent was Rupees 5,70,356 nearly 27 per cent. less than in the previous year, thus proving that every endeavour has been made to confine new works within the narrowest limits. At the same time, however, it must not be forgotten, that during the latter seven months of the past year, the whole strength of the department in several of the southern districts was engaged upon repairs, which will be more fully noticed under the next head which, I shall now consider.

10. When reviewing the progress report of 1857-58, Government observed that "the expenditure on account of repairs appears to be increasing every year," and illustrated it by quoting the sums spent thereon in the years 1855-56—1856-57 and 1857-58, adding at the same time a hope, that every measure would be adopted to check that tendency. These figures shewed that between the first and last named official years, there had been an increase of Rupees 2,55,887, or 14 per cent., giving an average of 7 per cent. per annum. In the official year now under review, the outlay upon this branch of expenditure amounted to the sum of Rupees 29,68,696, being an increase of Rupees 8,81,922 or 42 per cent. upon the preceding one. This serious addition was caused by the number and extent of injuries sustained by irrigation works and communications in Tanjore, Trichinopoly, Nellore, &c., from the unprecedentedly heavy floods by which these and other southern districts of this Presidency were inundated in the end of 1858, and in April 1859. Following as these did upon the similar visitation in the end of 1857, and as the repairs of the damages caused *thereby* formed part of the work in hand during the past year, it is not to be wondered at, that a very large sum was expended under this head, nor does it prove that the supervision exercised by the District Engineers was inefficient.

11. After these introductory remarks, I shall advance myself as briefly as possible to a review of the operations as shewn in the progress report.

12. The 1,031 projects entered in the progress report transmitted herewith, are arranged under the two great heads—State and Public, and the operations of the past year will be considered in these divisions and in the above order.

13. The following are the various branches of State works, with last years outlay on each specifically entered, viz. :

	New.	Repairs.
Military.....	6,56,851	1,22,359
Naval.....	15,466	"
Judicial.....	83,572	24,158
Revenue.....	31,002	62,949
Ecclesiastical.....	6,488	6,723
Educational.....	1,821	3,439
General.....	74,451	47,435
Rupees.....	<u>8,69,651</u>	<u>2,67,063</u>

14. Upon military works it will be observed that fully 7½ lacs have been expended. In contrasting this sum with the amount entered against the same class in progress report of 1857-58, it must be borne in mind that the works at Trimulgherry near Secunderabad, consisting of barracks and attendant buildings for the accommodation of European Infantry were, as before mentioned, disconnected from this Presidency in the course of the past year, and that the outlay thereon does not, therefore, appear in the present report. Deducting the Secunderabad expenditure accordingly, from the aggregate of 1857-58, it will be seen that the sum spent upon military works during the two past years does not differ very widely, that in 1858-59, is however, Rupees 32,000 above the previous year.

15. The operations of most importance in this class have been the Jackatalla and Bangalore barracks. The re-construction of the sea face of the fortifications of Fort Saint George, the European hospital at Bellary, and married men's quarters at Ramandroog. The barracks at Dauleshwarum for the Head Quarters of the Sappers and Miners. The accommodation for European Artillery at Saint Thomas' Mount and the European quarters at Trichinopoly.

16. Of the other branches of State works, Judicial, Revenue and General buildings alone call for any remark. Under the first of these heads, the expenditure in the Salem district is the highest on account of the Jail and Court house in that town. Madras (Civil Architect) is the next, the Penitentiary involving a large outlay. Of revenue buildings only one item demands special notice, viz. the Custom house shed, at Madras, (Garrison Engineer's operations), the remainder of the Rupees 94,000, consisting of small sums laid out on repairs as well as new works. The expenditure upon general buildings in Madras, is by far the largest of the various amounts constituting the aggregate of nearly Rupees 1,22,000 spent upon this class. The additions to the Mint and the Government Press being the chief items. Karnul is the district which has the next highest outlay and the main expenditure was incurred in the demolition of the Cumbum fort.

17. The operations under the second great head, Public or works of internal improvement, come now to be considered. Its subsidiary classes, will first be shewn with the outlay upon them.

	New.	Repairs.
Municipal...		
Marine ...	2,832	665
Industrial...	9,179	5,415
Agricultural ..	0	0
Communications.	2,80,613	18,97,255
	3,81,736	7,98,268
Rupees.....	6,71,390	27,01,633

18. The two principal branches of the above agricultural, or irrigation works and communications, I shall now cursorily review, specifying the districts in which the principal expenditure has taken place and the projects upon which it has been laid out.

19. The aggregate sum spent upon new irrigation works was last year less by nearly Rupees 1,30,000, than the amount of the previous year, but in the districts of Masulipatam and Nellore, the large sums of Rupees 82,533 and Rupees 56,315 were respectively expended. In the former, the projects which absorbed the heaviest sums were the Ellore canal in the Godavari division and the Polairoo canal in the Kistnah division. In the latter the re-construction of the Pennair annicut, which was severely damaged by the cyclone of November 1857, was the principal undertaking, and on it Rupees 51,327 were laid out. This large sum was, however, expended to no purpose, as 3ds of the work were swept away in October 1858, and a new annicut upon a different section is under construction.

20. In the expenditure upon repairs to this class of works, there was a net increase of nearly six lacs, and the following are the districts where the principal part of it has occurred.

	1857-58. Rs.	1858-59. Rs.
Nellore.....	1,14,690	2,36,319
Cuddapah ..	34,199	70,066
Bellary	80,146	1,52,095
Chingleput.....	39,928	97,409
Tanjore.....	2,07,428	4,40,981
Trichinopoly.....	75,717	1,68,512

21. The operations upon communications have been affected similarly to those upon irrigation works, but in a rather less degree, that is to say, the sum expended upon new communications is little less than 1,20,000 under the outlay of the previous year, while that upon repairs is about 2½ lacs in excess.

22. Roads and bridges form the chief items of this class, and the principal operations undertaken were the following, arranged under their respective districts:—

Malabar.—The Irrity bridge, the Calicut and Palghaut road and the Perambadi ghât.

North Arcot.—The bridge over the Palaur near Vellore, and the road from Gooriattum to Pullicondah and Palmanair.

Canara.—The three road circuits, the Dharwar and Coomptah road, and the Gairsuppah and Sumpajee ghâts.

Salem.—The road from Salem to Trichinopoly. Trunk road No. 5. The roads from Salem to Cuddalore from Yercaud to Railway station at Mullapooram, and between the town and Railway station of Vaniembaddy, also the Kullaur bridge on trunk road No. 1.

Chingleput.—The roads from Poonamallee to the Avady Railway station, and from the race course at Gindi to Pullicarney, the Sadras bridge and that over the Kullaur on trunk road No. 8 near Carangooly.

23. Of the other items in this class, navigable canals only need be mentioned, and of these the Paumbem channel in Madura alone calls for specific notice. Upon this Rupees 12,797 were expended in the course of last year.

24. The bulk of the repairs to communications occurred in the following districts,

	Chingleput.	Rs.
Trunk road No. 1.....		23,380
Do. „ 8		21,514
Do. „ 6		11,047
Government road.....		12,238
Minor works.....		10,355
	Tanjore.	
Upon each work the repairs were under Rupees 10,000 and these accordingly need not be specifically enumerated.		
	Canara.	
300 Miles of three road circuits.....		14,957
80 Miles of Dharwar and Coomptah road.....		27,273
105½ Miles of trunk road No. 2.....		10,525
	South Arcot.	
Trunk road No. 8.....		18,313
Road from Cuddalore to Salem frontier.....		7,482
Road from Mercanum to Chengumah and to Salem frontier.....		8,600
	North Arcot.	
Trunk road No. 1.....		10,080
Do. do. No. 10.....		16,370
Minor works.....		11,858
	Bellary.	
Herryhall, Humpasgur and Ramandroog roads		12,512
Road from Goory to Mysore frontier.....		9,779
Road from Bellary to Madaveram.....		5,900
Road from Bellary to Goory.....		4,398
	Trichinopoly.	
Madras road maintenance.....		13,811
Salem road.....		6,677

Chingleput, Tanjore, Canara, South Arcot, North Arcot, Bellary, and Trichinopoly. In Chingleput, Rupees 1,21,600 were laid out on this account, and in each of the others for the same purpose sums of between Rupees 50,000 and Rupees 70,000 were expended.

25. This closes the review upon the operations of last year, as the items comprised in the Marine and Municipal expenditure are too inconsiderable to warrant particularization in this letter.

26. In submitting as usual the statement of remunerative works, and which is for the year 1857-53, (in continuation of the one which accompanied the last progress report,) I think it right to state what has been done by this office with regard to paragraph 6 of Extract Minutes of Consultation, No. 2238 of 25th October, in which Government notice that this return is for the year *previous* to that whose operations are detailed in the progress report. Upon 1st July last, the Board of Revenue forwarded for my perusal and suggestions, letters from many of the Collectors, concerning the submission of the above statement. From these it was apparent that this return could not be furnished by the Collectors until after the close of the Jumabundy in each district, and consequently not in time for transmission with the progress report for the same year, which is due upon the 1st of August. I accordingly suggested that Government should be informed thereof, for communication to the Supreme Government, and that it might be proposed to furnish this statement separately two months later, or by the 1st of October in each year.

Letter No 3262, B. of 29th July 1859,
to the Board of Revenue.

27. With regard to the list of distinguished officers, most of the District Engineers report that the nature of the past years' operations has been such that none of the Officers and Subordinates under them have had an opportunity of distinguishing themselves, and accordingly stated that their return is a blank one, but as others have deemed it proper to bring forward the names of those, who for zeal displayed upon the works intrusted to them, have merited approbation, I include their names in the list which accompanies this report for the information of Government.

No. 44. ORDER THEREON, 23rd November 1859, No. 2728.

1. This letter and the reports accompanying it shew the progress made in the execution of the works included in the budget of this Presidency for the year 1858-59.

2. The expenditure on new works was as follows.

	Estimated cost.	Expenditure during the year.	Total expen- diture on the works estimated.
	Rs.	Rs.	Rs.
Works in No. 1 of the budget.....	47,15,294	50,098	1,41,985
Do. in No. 2. do. includ- ing emergent works.....	156,31,978	14,53,943	70,34,715
Total Rupees.....	<u>203,47,272</u>	<u>15,44,041</u>	<u>71,76,700</u>

3. The total expenditure of the year amounted to Rupees 62,01,807 viz:

	State works. Rs.	Public Works. Rs.	Total. Rs.
New works.....	8,69,651	6,74,390	15,44,041
Repairs.....	2,67,063	27,01,633	29,68,696
Cost of establishment and con- tingencies.....	11,36,714	33,76,023	45,12,737
Total Rupees.....			<u>62,01,807</u>

4. The following is a classification of the entire expenditure under different heads.

	Rs.	Rs.
State works....Military, Revenue, Judicial and other buildings...	11,36,714	
Public.....Municipal... ..	3,497	
Marine, viz. harbours &c.	14,624	
Agricultural, viz. irrigation works &c.	21,77,898	
Communications, viz. roads &c.	11,80,004	
	<u>33,76,023</u>	
Establishments &c. as above... ..	16,92,070	
Total Rupees.....		<u>62,01,807</u>

5. The expenditure on account of repairs is still on the increase.

	Rs.
1855-56... ..	18,27,887
1856-57	19,35,967
1857-58... ..	20,83,774
1858-59	29,68,696

The increase for repairs in 1858-59 is ascribed to the injuries sustained by both irrigation works and roads in Tanjore, Trichinopoly, Nellore and some other districts from heavy floods.

6. The statement shewing the cost of establishment, and which is represented to include travelling and other expenses incidental to the department, is in the same form as that for the preceding year; but it does not exhibit the charge as it affects each district or division, so as to admit a comparison with the expenditure. A sum is exhibited as paid in each district; but this does not comprize the whole charges of that district, as might be supposed; as certain other sums, disbursed by the Military paymasters as shewn in a lower part of the statement, are to be added, and it is quite uncertain in what proportions this addition is to be made in each district. Again the large amount set opposite to the "General Treasury" is quite unintelligible as it stands; and even that opposite to "Paymaster at the Presidency" appears to mix up the charges of various offices and portions of the department. These and other omissions and defects should be corrected in future years, and the Chief Engineer will be requested to submit for approval a form to shew the particulars of the establishment charges in a more exact and correct manner.

7. The list of officers who have distinguished themselves does not seem to have been duly considered by the Chief Engineer. The list contains eighteen names, of which seven are in the single district of Ganjam, four in Bellary, and three in Nellore; leaving only four for the remaining sixteen districts. The Governor in Council cannot think that this list really represents the relative merits of the officers of the department in the several districts; he is induced rather to ascribe the disproportion in the numbers stated, to different standards of estimation on the part of the several District Engineers. It is not fair however that such a list should go forth, nor can the Government consent to give it their confirmation, by forwarding it to the Government of India. In future years the Chief Engineer will require each District Engineer to report the names of the officers serving under him who have most distinguished themselves by their careful attention to instructions, their satisfactory management of the subordinates and workmen under them, and their professional ability; and he will submit this list to the Government with his own remarks upon it.

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

No. 45. Ordered in consequence that the following letter be dispatched.

From J. D. BOURDILLON, Esq., Secretary to the Government of Fort Saint George; to Lieutenant-Colonel BAIRD SMITH, c. B., Officiating Secretary to the Government of India, P. W. D., dated 23rd November 1859, No. 2729.

1. I am directed to forward for submission to the Government of India the accompanying letter and reports from the Chief Engineer dated 28th September 1859 shewing the progress made in the execution of works entered in the budget of this Presidency for the year 1858-59, prepared in accordance with the instructions communicated in Colonel Baker's letters of the 18th May 1855 No. 285 and 30th May 1856 No. 2431.

2. The reports now forwarded are

1. Progress of works entered in statement No. 1 of the budget.
2. Progress of works in statement No. 2 of the budget.
3. Synopsis of expenditure on public works under the different branches.
4. Salaries, establishment and contingencies.
5. Tabular view of expenditure on public works in more detailed classification of subject.
6. Abstract of classified expenditure.
7. Statement of remunerative works for 1857-58.
8. Statistics of expenditure on the great works in progress.

8 *Proceedings of the Madras Government Public Works Department,
for the month of November 1859.*

3. The reports now forwarded exhibit the following results.

	Estimated cost.	Expenditure during the year.	Total expen- diture on the works esti- mated.
	Rs.	Rs.	Rs.
Works in No. 1 of the budget.....	47,15,294	90,098	1,41,985
Do. in „ 2 do. includ- ing emergent works	156,31,978	11,53,943	70,31,715
	203,47,272	15,44,041	71,76,709

4. The expenditure of the year under all heads including repairs is Rupees 45,12,737; and including cost of establishments, Rupees 62,01,807.

	State Works.	Public Works.	Total.
	Rs.	Rs.	Rs.
New works	8,69,651	6,71,390	15,41,041
Repairs	2,67,063	27,01,633	29,68,696
Cost of establishments and contin- gencies.....	11,36,714	33,76,023	45,12,737
			16,92,070
	Total		62,01,807

5. The following is a classification of the expenditure.

	Rs.	Rs.
State works... Military, Revenue, Judicial and other buildings	11,36,714	
Public..... Municipal	3,497	
Marine, viz. harbours &c.	11,624	
Agricultural, viz. irrigation works.....	21,77,893	
Communications, viz. roads &c.....	11,80,004	
Establishments &c. as above	33,76,023	
	16,92,070	
	Total.....	62,01,807

6. The expenditure on new works is small compared with that of the previous year. Of estimates amounting to Rupees 203,47,272, the expenditure has been only 15,44,041 or 7½ per cent.

7. The expenditure on account of repairs is higher than in the preceding year, being Rupees 29,68,696, or nearly nine lacs above that of 1857-58. This increase is ascribed to the injuries sustained by irrigation works and communications in Tanjore, Trichinopoly, Nellore and some other districts, from heavy floods.

8. The cost of establishments and contingencies, as stated by the Chief Engineer, amounts to Rupees 16,92,070, being 37½ per cent. of the expenditure.

9. The statement of remunerative works attached to the progress report is for the year 1857-58.

10. The Chief Engineer sent up with the other statements one containing the names of the officers who most distinguished themselves in the year under report. But as this list did not appear to have been carefully considered, and did not seem to represent correctly the relative merits of the Public Works Department in the several districts; it has been returned, and the Chief Engineer has been furnished with instructions as to the preparation of the lists in future.

11. A report* and statements from Mr. N. B. Acworth exhibiting the proceedings of the Railway Company for the official year 1858-59, accompanied by the remarks of the Consulting Engineer, are also submitted.

* Proceedings Financial Railway Department 4th Oct. 1859 No. 351.

N^o 2728

P.W.D

*Proceedings of the Madras Government
Under date the 23rd October 1859.*

*Read the following letter
from the Chief Engineer.*

*Submitting progress report of
the Department of Public
Works for the year 1858/59. — (Here enter 28th September 1859 or 5th 1859)*

*Para 1. This letter and the re-
ports accompanying it show the
progress made in the execution
of the works included in the Budget
of this Presidency for the year
1858-59.*

*2. The expenditure on new
works was as follows.*

	Estima- ted cost.	Expendi- ture during the year	Total expendi- ture on the works estimated
Works in No. 1 of the Budget	47,15,294	90,098	1,41,985
do — including including emergent works	156,31,978	11,53,943	70,31,715
Total Rs.	203,47,272	15,44,041	71,76,709

*3. The total expenditure
of*

of the year amounted to Rs. 62,04,807.

	State works	Public works	Total
New works	869,687.	674,390.	15,44,041
Repairs	267,063.	27,01,633.	29,68,696
	<u>11,36,714.</u>	<u>33,76,923.</u>	<u>45,12,737</u>
Cost of establishment and contingencies	16,92,070		
	<u>Total Rs. 62,04,807.</u>		

4. The following is a classification of the entire expenditure under different heads.

State works. Military. Rev. Jud. & other buildings.	Rs. 11,36,714.
Public — Municipal	3497
Marine & Harbour works	14,624
Agricultural & Irrigation works &c.	21,77,898
Communications by Road &c.	11,80,004
	<u>33,76,923</u>
Establishments &c. as above	16,92,070
	<u>Total Rs. 62,04,807</u>

5. The expenditure on account of repairs is still on the increase.

1855/56	Rs. 18,27,887.
1856/57	19,35,967.
1857/58	20,83,774.
1858/59	29,68,696.

The increase for repairs in 1858/59 is ascribed to the injuries sustained by both Irrigation works and roads & Communications in Tanjore, and some other Districts, Trichinopoly, & Mellore, from heavy floods. The Government have already in their...

6. The statement showing the cost of establishment, and which is represented to include travelling and other expenses incidental to the department, is in the same form as that for the preceding year, but it does not exhibit the charge as it affects each District or Division, so as to admit a comparison with the expenditure. For instance, if sum is exhibited as paid in each District, but this does not comprise the whole charge of that District, as might be supposed, as certain other sums, disbursed by the Military Paymasters as shown in a lower part of the Statement, are to be added, and it is quite uncertain in what ^{proportion} this addition is to be made, ^{in each District} again the large amount set opposite to the "General Treasury" is quite unintelligible, and as it stands, ^{even}

even that opposite to "Paymaster
at the Presidency" appears to
mix up the charges of various
offices and portions of the De-
partment. These and other
omissions and defects should
be corrected in future years
and the Chief Engineer will
be requested to submit for ap-
proval a form to show the
particulars of the establish-
ment charges in a more ex-
act and correct manner.

The list of officers
who have distinguished them-
selves does not seem to have
been duly considered by the Chief
Engineer. The list contains eight-
een names, of which seven are
in the single District of Gun-
jam, four in Bellary, and
three in Kolar, leaving only
four for the remaining six-
teen Districts. The Governor
in Council cannot think
that this list really represents

the relative merits of the
officers of the Department
in the several Districts; he
is induced rather to ascribe
the disproportion in the num-
bers stated, to different stand-
ards of estimation on the
part of the several District
Engineers. It is not fair how-
ever that such a list should
go forth, nor can the Govern-
ment consent to give it their
confirmation by forwarding
it to the Government of
India; ^{In future years}
the Chief Engineer will
require each District
Engineer to report the
names of the officers serving
under him who have
most distinguished
themselves ^{by their}
careful attention to
instructions, & their
satisfactory management of the
subordinates and Workmen under them,
and ^{and} their professional ability; and he will
submit this list to the Government with his
own remarks upon it. — 10 Copies to the Chief Eng-
gineer of India

N^o 2729

P.W.D

Colonel Baird Smith

Secretary to the Government of India

Sir,

I am directed to forward for submission to the Government of India the accompanying letter and reports from the Chief Engineer dated 28th September 1859 showing the progress made in the execution of works entered in the Budget of this Presidency for the year 1858/59, prepared in accordance with the instructions communicated in Colonel Baird's letters of the 18th May 1855 & 28th & 30th May 1856 & 24th 31.

The reports now forwarded are

1. Progress of works entered in Statement No. 1 of the Budget.
2. Progress of Works in Statement No. 2 of the Budget.
3. Synopsis of expenditure on public works under the different branches.
4. Salaries, establishment and contingencies.
5. Tabular view of expenditure on public works in a more detailed classification of subjects.
6. Abstract of classified expenditure.
7. Statement of remunerative works for 1857/58.
8. Statistics of expenditure on the great works in progress.
9. ~~List of officers who most distinguished themselves.~~

The reports now forwarded exhibit

Copy
of the
reports
to
the
Government

Subscribed by the
Chief Engineer

27/2/59

Chief of the
Engineering

From the Chief Engineer
27/2/59

Reviewing the
progress of work of 27/2/59

27/2/59

Copy of the
reports to
the Government

exhibit the following results.

	Estimated Costs. Rs.	Expenditure during the year. Rs.	Total ex- penditure on the works. Rs.
Works in No 1 of the Budget	47,15,294.	90,098	1,41,985.
do in No 2— including emergent works	156,31,978	14,53,923	70,34,715.
	<u>203,47,272 = 15,44,041 = 7 1/2 per cent.</u>		

4 The expenditure of the year under all heads including repairs is Rupees 45,12,737 and including cost of establishments, Rupees 62,04,807.

	State works. Rs.	Public works. Rs.	Total. Rs.
New works	8,69,651.	674,390.	15,44,041.
Repairs	2,67,063.	27,01,633.	29,68,696.
	11,36,714.	33,76,023.	45,12,737.
Cost of establishments and contingencies			16,92,070.
	Total Rupees 62,04,807.		

5 The following is a classification of the expenditure.

	Rs.
State works. Military, Civ. bud. & other buildings	11,36,714.
Public—Municipal	3,297.
Marine, Viz Harbour &c	1,46,241.
Agriculture viz Irrigation works	2,17,898.
Communications viz Roads &c	1,80,004.
	33,76,023.
Establishments &c as above	16,92,070.
	<u>Total Rupees 62,04,807</u>

6 The expenditure on new works is small compared with that of the previous

1857/58	21,14,397
1858/59	15,44,041

previous year. If Estimates amounting to Rupees 20,34,722, the expenditure has been only 15,44,041 or 7 1/2 per cent.

7 The expenditure on account of repairs is higher than in the preceding year, being Rupees 29,68,696, or nearly nine lacs above that of 1857/58. This increase is ascribed to the injuries sustained by irrigation works and communications in Tanjore, Trichinopoly, Mellore and some other Districts, from heavy floods.

8 The cost of establishments and contingencies, as stated by the Chief Engineer, amounts to Rupees 16,92,070, being 37 1/2 per cent of the expenditure.

9 The statement of remunerative works attached to the Progress report is for the year 1857/58.

10 The Chief Engineer sent up with the other statements one containing the names of the

1855-56	18,27,887
1856-57	17,35,967
1857-58	20,83,744
1858-59	29,68,696

the officers who most distinguish themselves in the year under report. But as this list did not appear to have been carefully considered, and did not seem to represent correctly the relative merits of the Public Works Department in the several

Districts, it has been returned, ~~to~~ ^{for} revision, and will be forwarded to the Government of India when received back again.

The Ch. E. has been furnished with instructions as to the preparation of the list for future years.

* Pro. Fin. Rail. Dept. 4 Oct. 1859 H. 551

A Report and statements from Mr. A. B. Seward exhibiting the proceedings of the Railway Company for the official year 1858/59, accompanied by the remarks of the Consulting Engineer, are also submitted.

[Signature]

Wm. G. George
23. Nov. /59

Q. Withersburg
Nov 20th 1858

2 to 2/29

At the Office Secretary
of the County of Chester
Nov 20th 1858

Attest my hand & the seal of the
County of Chester
this 20th day of November
1858

1045