M.R.O. 1—88,000—16-10-20.

# MADRAS RECORD OFFICE.

## Government of Madras.

Judicial DEPARTMENT.

G.O. No. 269 Press ~~Mis.~~

181-182

Dated 28.2.1961 19 .

12/12

***Not to be folded or roughly handled***

*Proceedings of the Madras Government, Judicial Department, 28th February 1861.*

No. 181. Read the following Proceedings of Government in the Public Works Department, dated 31st January 1861, No. 214.

*Communicating the Order passed on a letter from the Chief Engineer, offering certain remarks in submitting for the consideration of Government lists (Nos. 1, 2 and 3) constituting the Public Works Budget for 1861-62.* (Vide Proceedings Public Works Department, dated 31st January 1861, Nos. 424 to 439.)

No. 182. ORDER THEREON, 28th February 1861, No. 269.

Communicated to the Inspector General of Jails.

(Signed) T. PYCROFT,
*Chief Secretary.*

Exd. T. O'Connor.

2F

PUBLIC WORKS DEPARTMENT.

*Public.*

## PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following Papers:—

From Lieutenant-Colonel W. H. HORSLEY, Chief Engineer, to J. D. SIM, Esq., Acting Secretary to Government, Fort Saint George, dated Chepauk, 30th November 1860, No. 7,547.

SIR,

3 *Lists Nos.* 1, 2 *and* 3.
1 *List of omissions.*
1 *Abstract statement.*
6 *Plans.*

*Received on the 29th November* 1860.

1. In submitting for the consideration and orders of Government the accompanying Lists (Nos. 1, 2 and 3) constituting the Public Works Budget for 1861-62, I have the honor to offer the following remarks.

2. No Budget lists have been received from the Tanjore District, although in the course of this month two Telegrams and two Memoranda calling for them were despatched by the Deputy Chief Engineer Southern Circle, to the District Engineer. I have, therefore, been necessitated to cause the lists to be prepared from materials in the Central Office, and the District Engineer will now be informed that this course has been adopted consequent upon his extreme dilatoriness in meeting the requisitions from this Office.

3. In their Proceedings, No. 2,195, dated 25th October 1860, communicating the Orders of the Government of India, No. 4,945, dated 22nd September last, the Government directed that the Budget lists for the ensuing year should be prepared in accordance with the forms given in the Report of the Committee on the Classification of Public Works Expenditure, but on it being represented in my letter, No. 6,658, dated 3rd November 1860, that considerable delay would unavoidably occur if compliance with these orders was insisted on, the Government were pleased, in their Proceedings, No. 2,356, dated 13th idem, to permit the forms hitherto in use to be adhered to in the preparation of the Budget lists for the coming year. In accordance, therefore, with the permission thus granted, the lists now submitted have been prepared, except that Budget No. 1, which contained heretofore only projects above 25,000 Rupees, is now made up of works exceeding Rupees 60,000 in cost, consequent on the enlarged powers of sanction vested in this Government in the Orders of the Government of India above quoted.

1. *Formation of new Cantonment at Waltair, Vizagapatam.*
2. *Bridge across the River Yellairu, in the town of Cocanada, Godavery.*
3. *New Workshop at Dowlaishwaram, do.*
4. *Road between Kundár and Paipully, Kurnool.*
5. *Military buildings at Bolur Maidan in Mangalore, South Canara.*

4. The works as per margin, will be found to be provided for in Budget No. 1, although the Estimates have not been submitted to Government for transmission to the Government of India for sanction. This course is in accordance with the orders of the Supreme Government alluded to above, and I have thought it advisable to include these Estimates as the early completion of the works therein provided for is of paramount importance.

5. Budget No. 2 on the other hand only contains:—

1st.—Works sanctioned for entry in the Budget.

2nd.—Those authorized for execution on emergency.

3rd.—Those entered in previous Budgets submitted by this Office.

4th.—Projects now before Government.

6. In the recent orders on the preparation of future Public Works Budgets, received from the Government of India, no provision having been made for the insertion in No. 2 Budget of works, the Estimates for which are intended hereafter to be submitted for approval, I have not included any such therein.

1. *Canal from Beypoor to Kadalkundy and thence to Paraperamba, Malabar, No. 5,331, dated 29th September 1860.*
2. *Widening the Hospital gate Bridge*
3. " *Elephant do.*
4. " *Canal Basin do.*

*Letter, No. 7,333, dated 26th November 1860.* } *Presidency.*

5. *Apothecary's Quarters at Dowlaishwaram, Godavery, letter No. 6,831, dated 9th November 1860.*
6. *Road from Royachoty to Poonganoor, Cuddapah, letter No. 6,809, dated 8th Nov. 1860.*

7. Consequent on the reduced amount to be allowed to this Presidency for the ensuing year, I have not been able to include in the Budget the works as per margin, Estimates for which have been submitted by this Office, and it therefore remains for the Government to determine, whether these projects as well as those which may hereafter be submitted, are to be held in abeyance, or to be carried out in preference to any of those now provided for, and which may be considered of less importance.

8. With reference to paragraphs 31 and 15 of my letters Nos. 2,793 and 3,905, dated 19th July and 18th August 1860 respectively, and to the Orders of Government No. 1,913, dated 13th September following, authorizing the sum required for the current year's expenditure on account of the Ponaigaur Anicut, in the South Arcot District, to be drawn in excess of the Budget allotment, as was the case in 1859-60, I have the honor to state that no provision has been made in the accompanying Budget for the completion of that work during the ensuing year, as it would seem that in originally ordering the execution of the work out of the usual course, the Government of India intended, under the peculiar circumstances which brought the matter to notice in the first instance, that the sum required from year to year for carrying out the project should be given independently of the Budget allotment. I have, therefore, to request the favor of the necessary application being made to the Supreme Government for the probable unexpended balance on the 1st May next, *viz.*, Rupees 30,679, being placed at the disposal of the District Engineer South Arcot, in addition to the amount provided for that District for the ensuing year.

*See Proceedings of Government No. 407 dated 25th February 1860.*

| | Rs. |
|---|---|
| *Estimate Rupees* | 61,000 |
| *Already expended* | 5,472 |
| *Probable expenditure up to 30th April 1860* | 24,849 |
| | 30,321 |
| Balance Rupees | 30,679 |

9. In their Proceedings No. 2,330, dated 10th November 1860, the Government communicated a letter from the Officiating Secretary to the Government of India, intimating that the allotment for the year 1861-62 will probably not be more than 64 lacs, inclusive of Establishments, although, at the same time, the Madras Government were requested to submit a Budget for 70 lacs, distinguishing by the letter A such of the projects as are intended to be proceeded with, if the additional 6 lacs are sanctioned.

10. The lists now submitted provide for the expenditure of 1861-62 as follows:—

| | | |
|---|---|---|
| No. 1 | Rs. | 5,75,000 |
| No. 2 | " | 17,66,041 |
| No. 3 | " | 24,28,959 |
| | " | 47,70,000 |

| | Rs. |
|---|---|
| * *If 64,00,000 be allowed* | 4,70,000 |
| *If 6 additional lacs be sanctioned* | 60,000 |
| | 5,30,000 |

exclusive of a sum of Rupees 17 lacs for Establishments, and Rupees 5,30,000,* or $\frac{1}{10}$th of the allotment, minus the provision for Establishments, on account of the reserve or unappropriated fund.



11. The projects making up the 6 lacs alluded to above, and which have been ordered to be distinguished by the letter A, will be found distributed as follows:—

| | | |
|---|---|---|
| No. 1 | Rupees | 1,60,000 |
| No. 2 | " | 3,80,000 |
| Reserve Fund | " | 60,000 |
| | " | 6,00,000 |

12. It would be altogether impracticable for this Office to distribute fairly amongst the various Districts the sum of Rupees 5,30,000, allowed for the reserve or unappropriated fund, and any division that might be made could not be otherwise than arbitrary. I have, therefore, thought it proper to enter the amount in the aggregate, leaving it to Government to sanction from time to time such sums therefrom as may be recommended by this Office and approved of by higher authorities, the Accountant General being of course requested in each case to place the amount at the disposal of the local Officers in addition to the sums assigned to their Districts in the out-going Budget.

13. I would here remark that in their Orders, No. 1,886, dated 6th September last, the Government having ruled, that for the future only the main roads and masonry works in Military Cantonments should be under the supervision of the Engineer Department, the local Officers were called upon in a Circular from this Office No. 78, dated 1st October following, to submit revised Estimates in communication with the Military authorities for insertion in Budget No. 3 of 1861-62, in lieu of those heretofore entered therein. As, however, this Office is not in possession of the necessary Estimates from the District Engineers, I have had no alternative but to insert in the Lists herewith forwarded the amounts hitherto entered in No. 3 Budget, it being understood that when the local Officers' replies are laid before Government (which shall be done with as little delay as practicable) the sums then sanctioned are to supersede those now entered, the saving if any, being carried to the credit of the General Funds of each District, or otherwise appropriated as circumstances may then suggest.

NORTH ARCOT.

1. *Teruttani to Arcot Kuppum.*
2. *Ramakistnapurum to Teruttani.*
3. *Putur station along the north bank of the Naranavarum river to Nagalapurum.*
4. *Puttur station to Pallipet.*
5. *Kirkambady station east to Calastri.*

CUDDAPAH.

1. *Pulivendlah to Cuddapah station.*
2. *Kazipett towards Kurnool.*
3. *Yerragunttah to the Kodur station.*

14. I would also mention that in their Proceedings, No. 1,526, dated 17th July 1860, the Government in expressing their approval of the roads, as per margin, which are intended as feeders to the North West Line of Railway, passed no orders as to whether provision was to be made in the Budget for 1861-62, for the sums stated as the probable cost of the works. As, however, in a subsequent Order, No. 2,135, dated 13th October 1860, this Office was instructed to make provision to the extent of 30,000 Rupees for the road from Kazipett towards Kurnool, I conclude that the other roads were also intended to be provided for, and under this view, I have entered the whole of the projects in No. 2 List herewith transmitted.

15. In their Orders No. 1,636, dated 31st July 1860, the Government directed that all works and repairs hitherto executed by the Commissariat Department were to form a charge in the Department Public Works. Accordingly, a Circular dated 29th instant, No. 116, was sent to all District Engineers to ascertain, in communication with the Commissariat Officers, the probable yearly requirements of that Department, and to include the same in their Budget lists of future years. The Commissary General, also, has been addressed on the subject, and requested to inform me what amount is likely to be required for 1861-62. On receipt of his reply, it will be communicated to Government for their orders as no allowance has been made for the Commissariat buildings in the Budget now submitted.

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16. In consequence of the very large number of works commenced either during the present or in former years and remaining incomplete for want of funds, which it is the desire of the Secretary of State, as well as of the Government of India and of the Madras Government, to prosecute to completion rather than to commence new projects, I have made provision for this object to as great an extent as possible from the limited sum for which I have been instructed to prepare the Budget for the ensuing year; and I have considered it imperative, therefore, to exclude from the present Lists the project for connecting the Adyár and Kusm Canals, which is entered in List No. 1 for the current year. Moreover, while so many works promising to yield a large and immediate return to Government are held in abeyance, owing to the state of the finances, I conclude that the Government will not be prepared to allow any sum for expenditure on the Junction Canal during the ensuing year.

17. The project for constructing Artillery Barracks at Bellary, the Estimate for which is Rupees 1,18,590, is entered in List No. 2 of the Budget for 1861-62 for the reasons given in my letter No. 7,063, dated 16th November 1860, and with a view to the early completion of the work I have allotted a sum of Rupees 80,000 for expenditure in the coming year.

18. For the upper Godavery works, I have, in accordance with the instructions contained in the letter No. 5,311, dated 11th October 1860, from the Secretary to the Government of India, communicated in Proceedings of Government No. 2,330, dated 10th November following, made provision to the extent of 2 lacs of Rupees for expenditure in the ensuing year, and owing to the very limited sum which will probably be allowed for expenditure therein, I have been unable, as Government have anticipated, to allot a larger amount.

19. With reference to the Proceedings of Government No. 2,168, dated 18th October last, limiting for the present the expenditure on Irrigation repairs to 10 lacs per annum, I have the honor to append a Statement shewing:—

1st.—The reduced amount allowed for the current year.

2nd.—The sum entered as required in 1861-62 by the Local Officers.

3rd.—The amount of Revenue derived from Irrigated lands in 1858-59, and

4th.—The sum proposed to be allowed to each District for the ensuing year.

20. The Proceedings of Government just alluded to furnished a Statement of the Revenue derived in 1858-59, and I have been partly guided by it and by local peculiarities in allotting the sum for expenditure on Irrigation repairs in each District during the coming year.

21. In the Districts, as per margin, the amounts allowed for Irrigation repairs in Statement No. 3, are below the ¼th of the Revenue of 1858-59 to the extent set opposite each, while in those detailed below they are higher. The allotment for each District has, however, been made after a careful consideration of the wants of each, aided by the local knowledge and opinions of the Deputy Chief Engineers.

| *Districts.* | *Below the 6 per cent. of Revenue.* |
|---|---|
| *Ganjam* | *Rs.* 1,202 |
| *Madras* | „ 15,159 |
| *North Arcot* | „ 16,596 |
| *South Arcot* | „ 27,821 |
| *Tanjore* | „ 1,50,801 |
| *Tinnevelly* | „ 68,746 |

| Districts. | Above the 6 per cent of Revenue. |
|---|---|
| Vizagapatam | Rs. 289 |
| Godavery } Kistna } | „ 2,26,758 |
| Nellore | „ 22,076 |
| Cuddapah | „ 13,085 |
| Bellary | „ 1,471 |
| Kurnool | „ 2,059 |
| Trichinopoly | „ 27,383 |
| Madura | „ 7,589 |
| Coimbatore | „ 2,034 |
| Salem | „ 4,888 |



22. The reason why so large an excess above the prescribed per centage has been allowed in the Godavery and Kistna Districts is, that the Revenue returns really do not show the extent and value of land irrigated, the water cess not having been fully imposed thereon. When this is done, the Revenue of both Districts will be very largely increased. Moreover, it is necessary to allow a considerable sum for the annual repair of the Anicuts at Dowlaishwaram and Bezwadah.

* *Rupees 5,000 on account of the Yennamakul Dam.*

23. The small sums of Rupees 6,100* and Rupees 3,200 have been assigned respectively to the Malabar District and the Presidency for expenditure on Irrigation repairs during the ensuing year.

24. I would here beg particularly to bring to notice that the amounts now allowed for Irrigation works provide for the execution of *bond fide* repairs *only*, and not for "minor new works" of Irrigation and Communication, as has been the case heretofore. The expenditure incurred in 1859-60 under this head as given in the local Officers' accounts is as follows: and for the execution of works of a similar character in the ensuing year provision must of course be made from the reserve or unappropriated fund.

| | | |
|---|---|---|
| Ganjam | Rs. | 3,846 |
| Vizagapatam | „ | 500 |
| Godavery | „ | 582 |
| Kistna | „ | 14,088 |
| Nellore | „ | 6,438 |
| Cuddapah | „ | 2,299 |
| Madras | „ | 400 |
| North Arcot | „ | 400 |
| South Arcot | „ | 14,480 |
| Tanjore | „ | 314 |
| Tinnevelly | „ | 1,505 |
| Salem | „ | 6,410 |
| South Canara | „ | 1,497 |
| Malabar | „ | 925 |
| Total Rupees | | 53,684 |

25. I would, therefore, suggest, in the event of this proposition being approved of, that a sum of one lac be set apart for this purpose, and that I may be authorized once a month to request the Accountant General to place at the disposal of each District Engineer, in addition to his regular allotment of funds, the amount sanctioned by this Office and by the local Officers under the Orders of Government No. 1,294, dated 6th July 1858, on account of "minor new works."

26. I have mentioned one lac as the probable amount that will be required for minor new works in 1861-62 as the local Officers may, in their accounts current for 1859-60, have blended the expenditure under this head with that on "repairs," and thus prevented this Office from ascertaining the actual total outlay during that year.

27. In addition to the Lists Nos. 1, 2 and 3 constituting the Budget of Public Works for 1861-62, I have the honor to forward the following statements:—

1st.—Showing the works included in the Current Budget, and omitted in the accompanying Lists with reasons for the omission in each case.

2nd.—Showing in one view the aggregate outlay recommended in the Northern, Central and Southern Circles, and in each of the Districts comprising those Circles, under the heads Irrigation, Communication and Buildings.

28. With reference to the Proceedings of Government No. 2,412, dated 21st November 1860, calling for a statement showing the probable outlay in 1861-62, on Establishments, I have the honor to state that much trouble will be caused by its preparation in accordance with form 5 of the Classification Report, since I am not in possession of the necessary returns from the local Officers; but I will endeavour to submit, in a few days, a return of the nature alluded to, which must of course be drawn up from such materials only as the Central Office can supply, and after all, therefore, it will only be an approximate estimate.

29. In conclusion, I have to observe that as soon as the replies to my Circulars Nos. 100 and 109 of 1860-61, regarding the receipts and expenditure on account of local funds in each of the Districts of the Madras Presidency, shall have been received, I shall forward them for entry in the Budget of 1861-62, in the Government Office. The Lists now submitted to Government were closed in the Central Office on the 27th instant, and the sanctions, therefore, received after that date to estimates previously submitted have not been entered. The assistance heretofore given in the classification of the Budget Lists will be afforded by this Office in the event of such being found necessary.

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*Statement showing the amounts allotted for Irrigation Repairs in* 1860-61, *that asked for* 1861-62, *and the sum proposed to be allotted for* 1861-62.

| Districts. | Reduced amount allotted for 1860-61. | Sum asked for 1861-62. | Revenue on wet lands for 1858-59. | Amount of ¼ of Revenue for 1858-59. | Amount in Budget of 1861-62. |
|---|---|---|---|---|---|
| Ganjam | 25,256 | 23,834 | 3,53,370 | 21,202 | 20,000 |
| Vizagapatam | 10,194 | 12,432 | 1,11,843 | 6,711 | 7,000 |
| Godavery | 1,96,800 | 2,28,000 | 11,37,373 | 68,242 | 1,75,000 |
| Kistna | 1,14,800 | 1,25,000 | | | 1,20,000 |
| Nellore | 1,65,000 | 1,60,000 | 5,48,731 | 32,924 | 55,000 |
| Cuddapah | 84,714 | 56,968 | 6,76,915 | 40,615 | 40,700 |
| Bellary | 84,194 | 1,00,000 | 8,08,818 | 48,529 | 48,000 |
| Kurnool | 19,464 | 20,932 | 49,013 | 2,941 | 20,000 |
| Madras | 50,138 | 61,144 | 9,19,323 | 55,159 | 40,000 |
| North Arcot | 58,195 | 70,970 | 11,09,932 | 66,596 | 50,000 |
| South Arcot | 70,057 | 85,435 | 14,63,679 | 87,821 | 60,000 |
| Tanjore | 2,14,483 | *2,61,564 | 46,80,018 | 2,80,801 | 1,30,000 |
| Trichinopoly | 93,481 | 1,14,000 | 5,43,620 | 32,617 | 60,000 |
| Madura | 41,300 | 50,560 | 4,56,856 | 27,411 | 35,000 |
| Tinnevelly | 54,047 | 66,210 | 22,29,107 | 1,33,746 | 65,000 |
| Coimbatore | 33,596 | 40,970 | 5,49,428 | 32,966 | 35,000 |
| Salem | 41,500 | 54,000 | 4,18,532 | 25,112 | 30,000 |
| North Canara | ..... | ..... | ..... | ..... | ..... |
| South Canara | ..... | ..... | ..... | ..... | ..... |
| Malabar | 901 | 1,100 | ..... | ..... | 6,100 |
| Presidency | 2,624 | 3,200 | ..... | ..... | 3,200 |
| Municipal Commissioners | ..... | ..... | ..... | ..... | ..... |
| Mysore | ..... | ..... | ..... | ..... | ..... |
| Wellington | ..... | ..... | ..... | ..... | ..... |
| Upper Godavery | ..... | ..... | ..... | ..... | ..... |
| Total | 13,60,744 | 15,36,349 | 160,56,558 | 9,63,393 | 10,00,000 |

* This is the amount entered in Budget for 1860-61.



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From Captain F. H. RUNDALL, Consulting Engineer for Irrigation and Canal Company, to J. D. SIM, Esq., Acting Secretary to Government, dated Madras, Pater's Garden, 26th November 1860, No. 102:—

SIR,

1. Agreeably to the instructions conveyed in the Government Order of the 13th instant, No. 2,356, I have the honor to submit the accompanying statements furnishing the necessary particulars called for in the Proceedings of the Supreme Government*, and directed in the Order of the Madras Government† to be submitted for the compilation of the Budget for 1861-62.

* No. 4,245, dated 22nd September 1860.
† No. 2,195, dated 25th October 1860.

2. Statement I shows the "expenditure to be incurred by Government" as described in paragraph C. In it is entered the salary and allowances of the Officer appointed to make over the land to the Irrigation Company, as Land Commissioners' salaries are directed to be included therein, though from his being under the orders of the Collector of Kurnool, I do not feel quite certain whether the amount should appear in the statement submitted from my Office.

Order No. 4,245.

3. As to the amount probably required for the purchase of land, I am doubtful whether by it is meant only the amount which the Government have to pay to private parties from whom land is required to be purchased, or whether it is intended to represent the *value* of *all* lands to be made over during the year to the Irrigation Company. Of the former it is quite impossible in the present state of the works to form any idea. Of the latter I can only guess at the probable area which will have to be made over during the year, and which may possibly amount to 5,000 acres. The probable value of this however it is out of my power to state.

4. Statement II shows the estimated expenditure to be incurred out of the guaranteed capital of the Irrigation Company in India, and amounts in the aggregate to 18 lacs, the sum which will be entered in the "Anticipative Sketch" to be forwarded to the Accountant General for the ensuing year.

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Proceedings of the Madras Government in the Marine Department.

Communicate a letter from the Superintendent of Marine as to probable disbursements from Port funds on account of Public Works for entry in the Budget of 1861-62. } (Here enter 5th December 1860, No. 419.)

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Proceedings of the Madras Government in the Public Department.

Communicate with observations a letter from the Director of Public Instruction together with an Estimate of Expenditure on Educational buildings for the year 1861-62. } (Here enter 8th December 1860, No. 1,767.)

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From J. T. BLISSETT, Esq., Deputy Superintendent Electric Telegraph, Madras Circle, to T. PYCROFT, Esq., Chief Secretary to Government, Fort Saint George, dated Madras, 17th December 1860, No. 1,288.

SIR,

1. I have the honor in reply to the Proceedings of the Madras Government No. 4, under date the 13th instant, to transmit the accompanying Estimate, showing the several sums which will be required to meet the probable disbursements of the Department during the year 1861-62.

2. The Estimate, now forwarded, contains no provision for the construction of the proposed Telegraph Line between Calicut and Manantoddy. If the Government of India should sanction the construction of the line in question, a sum of six or seven thousand Rupees will suffice to meet the disbursements on that account, during the year in question.

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From Lieutenant-Colonel W. H. HORSLEY, Chief Engineer, to J. D. SIM, Esq., Acting Secretary to Government, dated Chepauk, 21st December 1860, No. 8,282.

SIR,

1. In consequence of the Orders of the Government of India noted in the margin (directing that no Military buildings for the accommodation of Troops be proceeded with, which are not required for occupation in the next hot season), received after the transmission of the Budget Lists for the year 1861-62 with my letter of the 30th ultimo, No. 7,547, these Lists were returned to me with the personal directions of His Honor the Governor to make such revision as may be necessary to carry out the instructions therein conveyed, and I have now the honor to re-transmit the Budget lists in question revised accordingly.

1 Budget (Nos. 1, 2 and 3.)
1 List.
1 Estimate of Establishment.
1 Abstract of Expenditure
Dated 17th November 1860, communicated in Proceedings, dated 7th December 1860, No. 2,524.

List No. 1.
*Vizagapatam.*

| | Rs. |
|---|---|
| Formation of a new Cantonment at Waltair, Estimate Rupees 4,51,540 | 2,00,000 |
| *South Canara.* | |
| Military Buildings at Bolur Maidan in Mangalore, Estimate Rupees 65,000 | 30,000 |
| List No. 2. | |
| *Bellary.* | |
| Artillery Barracks and out-offices at Bellary. Estimate Rupees 1,18,590 | 60,000 |
| | 2,90,000 |

* Bellary.
Madras.
North Arcot.
Trichinopoly.
Malabar.
Bangalore.

| | |
|---|---|
| Military works as above | 2,90,000 |
| Cocanada Bridge ordered by Government in Proceedings No. 2,532, dated 8th December 1860, to be deferred | 35,000 |
| Quarters in Ramandroog, ordered in Proceedings No. 2,463, dated 28th November 1860, to be proceeded with immediately | 450 |
| Enclosing buildings in Government House, Presidency, ordered to be met from the proceeds of the sale of buildings in Chepauk. Proceedings No. 2,531, dated 8th December 1860 | 4,000 |
| New Workshops at Dowlaishwaram | 60,000 |
| For operations in the bed of the Upper Godavery, sanctioned in Proceedings dated 24th September 1860, No. 1,948, but made available in the Current year in Proceedings dated 29th November 1860, No. 2,470 | 25,000 |
| Collector's Kutcheri at Chitterpúr ordered in Proceedings No. 2,595, dated 15th December 1860, to be proceeded with this year | 1,620 |
| | 4,16,670 |

† Vide letter of District Engineer Godavery, dated 30th March 1859, No. 395, communicated to Government in letter dated 31st May 1859, No. 1,099.

| | Rs. |
|---|---|
| Kistna, Nizampatam Channel | 26,000 |
| Do. Peddurayoor Channel | 5,000 |
| Kurnool, Kundár Bridge on road to Nundi Canamah | 11,437 |
| Presidency, Equatorial Dome | 2,950 |
| | 45,387 |

| | Out of the 64 Lacs. | Out of the 70 Lacs. | Total. |
|---|---|---|---|
| Available for distribution | 2,76,670 | 1,40,000 | 4,16,670 |
| To be transferred from the 74 to 64 Lacs assignment | 45,387 | 45,387 | 0 |
| Total | 2,31,283 | 1,85,387 | 4,16,670 |

2. The Military works noted in the margin, amounting to Rupees 2,90,000 will have to be excluded from the Budget. In the List No. 2, is provided the large sum of Rupees 44,180 for Solitary Cells at the stations noted in the margin,* some of which may perhaps, under the foregoing instructions, be unnecessary next year, and I have therefore asked for information on the subject from the Quarter Master General, but have not yet received a reply. I cannot therefore determine what additional amount may have to be excluded on this account. On the receipt of his reply I will intimate what further revision, if any, may be requisite.

3. The sum of Rupees 35,000, provided in the List No. 1 for the Bridge across the river Yalairu at Cocanáda, the Estimate for which, Rupees 60,760, has been ordered to be deferred, as well as the four sums of Rupees 25,000 1,620, 4,000 and Rupees 450 included in the List No. 2, which have been ordered to be defrayed this year, have been excluded from these lists, and to this may be added Rupees 60,000 provided in List No. 1 for new workshops at Dowlaishwaram, estimated at 2 lacs, which I have been instructed to exclude, entering in lieu thereof in List No. 2, the Estimate of Rupees 21,860 for roofing in and completing another building near the present old workshops purchased† by Captain Haig from Messrs. Arbuthnot & Co., for a small sum, which are be more economically and speedily converted into suitable accommodation for the purposes of the workshops. These alterations will set free Rupees 4,16,670 for distribution amongst other works, of which Rupees 1,40,000 are out of the conditional assignment of 70 lacs, and the remainder, Rupees 2,76,670, out of the 64 lacs.

4. The works noted in the margin, for which provision was made in the Budget List No. 2, out of the conditional assignment of 70 lacs, I have been instructed to transfer to the assignment of 64 lacs, these works being of such importance as to require an unconditional provision for their prosecution in next year. By this transfer the amount available for distribution will be as noted in the margin, and the accompanying Statement shows the works I have included in the revised Budget Lists.

5. I was further called upon to report whether, instead of completing the road from Dugarázpatam to Gudoor on the Trunk Road No. 6, recently sanctioned by Government, the East Coast Canal might not be extended from Dugarázpatam to the river Surnamoky, and a Road made from the left bank of that river to a point on the above Trunk Road. In reply, I beg to refer to a report noted in the margin, from the Madras Navigation Canal Committee on the East Coast Canal, in the sixth paragraph of which a like suggestion is made, but which Colonel Faber, a former Chief Engineer, did not recommend, because the extension of the Canal was then sanctioned, and only awaited the removal of the restriction on expenditure to be proceeded with, and outlay on a road was considered unnecessary at the time. The then Government acquiesced in this opinion. But as the extension of this Canal has been so long deferred, and the Government had, in consequence, in the year 1859 sanctioned 4,000 Rupees to be laid out on the road from Gudoor to Dugarázpatam, I consider that the line already commenced should be proceeded with. It appears that the road from Gudoor to Cotah, a

Proceedings of Government, 6th December 1860, No. 2,510.

Forwarded with the Chief Engineer's Proceedings, dated 21st November 1857 No. 5,405.

Proceedings of Government 10th May 1859, No. 1,111.



Cushah town 8 miles from Dugarázpatam has been formed from the local funds of the Nellore District, and after so much outlay on this road, it is, in my opinion, inexpedient to abandon it, more especially as the cost of continuing the Canal up to the river and forming a road therefrom to the Trunk Road will, I believe, much exceed the Estimate Rupees 42,550 recently sanctioned for the road.

6. I beg also to forward the return of the probable expenditure on account of Establishments prepared according to Part V of the forms for the Budget in the Classification Report, called for in Proceedings of Government, No. 2,412, dated 21st November 1860. The Estimate has been framed with reference to the actual expenditure of the past official year 1859-60, as reported in a detailed statement furnished by the Civil Auditor, and the allowances paid in the Military and charged to the Public Works Department have been estimated from the actual disbursements by Military Paymasters in the same year.

7. On further consideration I have thought it proper to include in the revised Budget the sum required next year for the Ponyaur Anicut, referred to in paragraph 8 of my letter transmitting the Budget dated the 30th November 1860, lest the Government of India should refuse to authorize the amount, viz., Rupees 30,679 as an addition to the Budget allowance for next year. Their remark, to the effect, that the allotment for next year must include all expenditure of Imperial Funds, and also, that the Estimate to be submitted to the Accountant General should show an intended outlay corresponding to the Public Works Department Budget, appears to me to necessitate this change, for if provision for the Ponyaur Anicut be omitted from the Budget, but included in the Estimate for the Accountant General, the two will not agree.

Clause 6 of Proceedings of Government of India, dated 22nd September, communicated in Proceedings, dated 25th October 1860, No. 2,195.

Paragraph 3 of letter from Government of India, dated 11th October, communicated in Proceedings, dated 10th November 1860, No. 2,330.

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From Captain C. C. JOHNSTON, Consulting Engineer for Railways, to T. PYCROFT, Esq., Chief Secretary to the Government of Fort Saint George, dated Madras, 14th December 1860, No. 56:—

SIR,

1. Referring to the Orders of Government as per margin, I have the honor to forward a copy of the prospective Estimate of the outlay proposed to be incurred on the Great Southern of India Railway during the official year 1861-62.

No. 664, dated 2nd November 1860.
„ 668, dated 15th do „

2. The amount estimated on "Capital" account is Rupees 12,85,000 or Rupees 12,63,000, less than the Estimate* of the official year 1860-61. The decrease is to be ascribed to the works to be undertaken during the ensuing year not being so extensive as they are at present.

* Rupees 25,48,000.

3. The Estimate† on "Revenue" account is framed on the supposition that some portion, if not the whole, of the line will be opened for traffic during the next year (1861). The Estimated amount‡ under this head for 1860-61 was small, and referred exclusively to the Electric Telegraph.

† Rupees 90,000.
‡ Rupees 20,000.

4. The Traffic Earnings to be paid into the Government Treasury are estimated at Rupees 1,70,000, but this will depend entirely upon the time at which the line is opened.

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From Captain C. C. JOHNSTON, Consulting Engineer for Railways, to T. PYCROFT, Esq., Chief Secretary to Government, dated Madras, 21st December 1860, No. 229:—

SIR,

1. With reference to the Orders of Government, noted in the margin, I have the honor to forward a copy of the prospective Estimate of the expenditure likely to be incurred on the Madras North West, South West, and Bangalore, Branch Railways during the official year 1861-62.

No. 664, dated 2nd November 1860.
„ 668, dated 15th do. „
„ 745, dated 13th December „

2. The Estimate provides on Capital account for ... Rupees 85,76,449
And on Revenue account... ... ... ... ,, 5,81,160

The total being... ... ... ... ... ,, 91,57,609

As compared with... ... ... ... ... ,, 86,85,100
for the year 1860-61.

3. The probable amount to be paid into the General Treasury on account of Traffic Earnings is estimated at Rupees 17,55,000.

4. The Chief Accountant in forwarding to the Agent and Manager the Estimates received from the heads of the several Departments, Engineer, Locomotive, Traffic and Store, takes exception, it will be observed, to the amount proposed by the Chief Engineer for expenditure on the South-West line, exclusive of the Bangalore Branch. The Chief Engineer's Estimate is for Rupees 19,50,000, and the Chief Accountant considers that Rupees 10,00,000 will suffice, on the supposition that the entire line to Beypore will be open by the 1st October 1861, and that the expenditure during the five months, from 1st May 1861, will not exceed the present rate of expenditure.

5. The Chief Accountant points out that "the Chief Engineer offers no observations upon his Estimates," and the matter is not noticed by the Agent and Manager; but as the Chief Engineer's probable Estimate for *completing* the line (dated 3rd November 1860) provides for only Rupees 19,53,000, there appears to be no doubt that the expenditure for 1861-62 has been over-estimated.

6. This being the case, I am of opinion that the Chief Accountant's proposed reduction should be accepted, when the estimated expenditure on Capital account will be Rs. 76,26,449, and the total expenditure, adding, as before, Rupees 5,81,160 on Revenue account, Rs. 82 07,609.

7. The Estimates from the Locomotive Superintendent, Traffic Manager and Storekeeper appear to have been very carefully prepared.

8. Were it not for the great delay that has taken place in the preparation of the prospective Estimate, and the consequent late date at which it is now forwarded to Government, further information, respecting the portion of it which concerns the Engineer Department, would have been called for; the Agent, however, will be informed of the reduction which has been made, and I entertain no doubt that the reduced Estimate will be found amply sufficient to cover the expenditure.

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Endorsement of the Chief Engineer, dated Chepauk, 29th December 1860, No. 8,500:—

From Major F. H. SCOTT, Acting Quarter Master General of the Army, to Lieutenant-Colonel W. H. HORSLEY, Chief Engineer, dated Fort Saint George, 24th December 1860, No. 3,354.

SIR,

In reply to your letter No. 8,025, dated 15th instant, I have the honor by desire, of His Excellency the Commander-in-Chief to inform you, that the Cells are as urgently required as ever, that the difficulty of providing funds makes no difference whatever in that respect, and that if these places for carrying out punishment are not provided, discipline must necessarily suffer.

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Submitted to Government with reference to paragraph 2 of the Chief Engineer's letter dated 21st instant, No. 8,282. Under the opinion of His Excellency the Commander in Chief, conveyed in the foregoing letter, it seems advisable that the sum of Rupees 44,180, provided for in the Budget of 1861-62 for Solitary Cells at different stations, should be retained therein.

(Signed) W. H. HORSLEY, Lieut-Colonel,
*Chief Engineer.*

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Official Memorandum from Lieutenant-Colonel W. H. HORSLEY, Chief Engineer, to J. D. BOURDILLON, Esq., Secretary to Government, dated Chepauk, 17th January 1861, No. 8,937.

1. In reply to the Official Memorandum of the Secretary to Government No. 71, dated the 15th and received on the 16th, the Chief Engineer has the honor to furnish the following explanation respecting the items in the Budget for 1861-62 regarding a tent which information is required.



2. The Government having in paragraph 3 of Order No. 4,521, dated 20th December 1859, ruled that protection should be afforded to Magazines on the present plan where urgently needed, and as the District Engineer represented these three Magazines as urgently requiring protection the Estimates for them, which are included in those submitted in the letter to Government dated 7th Decembr 1859, No. 8,046,

Lightning Conductor to the Magazines at Rajahmundry Rupees 304
Dowlaishwaram ..... ,, 237
Rajahpoor ..... ,, 313

were entered in the Budget sent from this Office. It is requested that they may for the above reason, be retained in the Budget in the Government Office.

3. The sum of Rupees 3,024 out of this Estimate, which was cancelled by the Order of Government No. 2,811 dated 2nd December 1859, was omitted to be deducted from the item in the Budget sent from this Office, as no corresponding deduction was made in the District Engineer's Budget List. The Order of Government was lost sight of, as the work did not appear in the Budget for the current year. The correction of the Estimate (which it is requested may be made in the Government Office) does not affect the sum proposed for expenditure in next year.

Completing the Trunk road No. 11 from Chittore to Cuddapah, Estimate Rupees 55,742.

4. In paragraph 2 of letter from this Office dated the 11th instant, No. 88,042, it was requested that the difference between these Estimates and Rupees 10,000 proposed for the two buildings may be added to the Tumbaddra Channel works. The Central Office will endeavour to reduce the dimensions of these buildings so as to bring down the Estimate for each Kacherí to Rupees 5,000 as required by Government.

Talook Kacherí at Kulkudda, Estimate. Rupees. 12,210
Do. at Rajampett... ,, 11,220

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From Lieutenant-Colonel W. H. HORSLEY, Chief Engineer, to J. D. BOURDILLON, Esq., Secretary to Government, dated Chepauk, 19th January 1861, No. 9,020.

SIR,

1. In reply to Proceedings of Government No. 2, dated the 11th instant, I have the honor to submit herewith an Estimate of the expected Receipts and Disbursements from local funds and a list of the works proposed to be executed therefrom during the year 1861-62, prepared from Returns* received from District Engineers in accordance with the directions in the Resolution of the Government of India, increasing the power of this Government to sanction works for the Budget.

* Communicated in Proceedings to Government No. 2,195, dated 25th October 1860.

2. No Returns have been as yet received from the five Districts noted in the margin, but in the Ganjam District no collections from local funds were received last year, and therefore perhaps none are likely to be obtained this year or the next. In the four other Districts the collections and charges in last year amounted to the sums noted in the margin. The South Arcot Return did not furnish information of the amount to be spent in next year, the District Engineer having reported that a list of the works to be undertaken has been forwarded to the Collector for his approval. The expenditure in that District in last year is also given in the margin.

Ganjam.
Kistna.
Nellore.
Coimbatore.
Madras.

| | Collections. | Charges. |
|---|---|---|
| Kistna | 5,171 | 3,617 |
| Nellore | 11,644 | 8,296 |
| Coimbatore | 7,331 | 305 |
| Madras | 5,462 | 887 |
| | 29,608 | 13,205 |
| South Arcot | | 35,678 |
| | 29,608 | 48,883 |
| Other Districts | 1,76,325 | 1,49,250 |
| | 2,05,933 | 1,98,133 |

3. The estimated amounts for 1861-62, as taken from the Returns received, added to the sums shown in the accounts of 1859-60 for the Districts from which Returns have not been received, exhibit the total expected Receipts for 1861-62 to the amount of Rupees 2,05,933 and Charges or Disbursements to the amount of Rupees 1,98,133. In the Budget Estimate prepared in the Central Office for the Accountant General I have assumed Rupees 2,06,000 and Rupees 2,00,000 respectively as the probable Collections and Disbursements from local funds in the ensuing official year.

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From Lieutenant-Colonel W. H. HORSLEY, Chief Engineer, to J. D. BOURDILLON, Esq., Secretary to Government, dated Chepauk, 24th January 1861, No. 9,215.

SIR,

1. In reply to your Memorandum No. 18, dated 22nd January 1861, calling on me to state the approximate cost of Stores indented for on the Home Government, and expected to be charged during the year 1861-62, I have the honor to state as follows:—

2. The approximate value of the Public Works Stores upon former Indents (the last of which was dispatched with my letter No. 9,361, dated 20th January 1860) amounts to about Rupees 6,80,000—a considerable portion of these Stores has already been received, and a further large portion may be expected to arrive from England by the end of the year 1860-61.

3. It is impossible for me to state with accuracy whether the Home Government will comply *in full* with all the demands made in former Indents, or to know what portion of these Stores will be received during the remainder of the present official year, or what will arrive in 1861-62. But considering all circumstances, I think two lacs should be set apart out of the before mentioned sum of Rupees 6,80,000 as the probable value of Stores likely to be received *upon former Indents*, and to be charged for in 1861-62.

4. With regard to the requirements of the Department of Public Works for the ensuing year, considering the large amount of Stores now on hand and expected, and also bearing in mind the restrictive orders* of Government on the subject of recent excessive indents, I have only indented for what is absolutely necessary, and I believe their total value will not exceed Rupees 50,000.

* No. 1373, dated 6th June 1859. Notification—"Fort Saint George Gazette," dated 25th May 1860 page 1,174.

5. This sum, therefore, added to the above two lacs making a total of Rupees 2,50,000, is the approximate value of the Departmental Stores expected to be received in 1861-62.

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From Lieutenant-Colonel W. H. HORSLEY, Chief Engineer, to J. D. BOURDILLON, Esq., Secretary to Government, dated Chepauk, 26th January 1861, No. 9,284.

Sir,

1. With reference to paragraph 2 of my letter, No. 9,020, dated 19th instant, I have the honor to forward herewith a letter from the District Engineer of South Arcot, giving cover to a statement showing the roads proposed to be made or repaired from Local Funds during the year 1861-62.

1 Letter from District Engineer South Arcot, dated 14th January 1861, No. 179, with enclosure.

Dated 14th January 1861.

2. In the margin of my letter above quoted, I set down Rupees 35,678 as the Estimate of charges in 1861-62 in the District of South Arcot, with reference to the expenditure in that District in the year 1859-60; but it will be observed from the statement now submitted, that the charges are estimated at Rupees 54,750, which will therefore increase the total expected disbursements from Local Funds in 1861-62 for all Districts to Rupees 2,17,205.

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From Captain P. O'CONNELL, Deputy Consulting Engineer for Railways, to C. G. MASTER, Esq., Deputy Secretary to Government, dated Madras, 30th January 1861, No. 30.

1. The Deputy Consulting Engineer for Railways has the honor to inform the Deputy Secretary to Government, in reply to his Official Memo. No. 33, of this day's date, that the figures given in the Consulting Engineer's letters No. 56 and 229 dated the 11th and 21st ultimo, do not include the cost of the Government Controlling Establishment, or the amount of compensation likely to be paid for land acquired for Railway purposes in the several Collectorates.

2. The cost of the Government Establishment for 1861-62 is given in the accompanying copy of an Estimate furnished to the Accountant General, agreeably to the Order of Government No. 602, of the 11th ultimo.

3. There are no data upon which to base an Estimate of the amount likely to be required for compensation on account of land, but if the compensation for land acquired in Tanjore is sanctioned by Government before the end of the 30th April next, the amount which may probably be necessary during 1861-62 may be taken at Rupees 50,000.

4. Land for Railway purposes is obtained through the Collectors and their Establishments. There is no special "Land Commissioner" in this Presidency.



Order thereon, 31st January 1861, No. 214.

1. With the first of the letters above recorded the Chief Engineer submitted the Budget of Public Works proposed to be undertaken during the approaching official year 1861-62. The Governor in Council having found it necessary to revise the lists, not only with reference to the Orders of the Government of India dated 17th November 1860 (afterwards received) directing that no Military Buildings for the accommodation of troops not required for occupation in the next hot season should be proceeded with, but also by omitting the provision of any expenditure on large works requiring the sanction of the Home Government and therefore not likely to be commenced within the year, returned them to the Chief Engineer after personal conference with that Officer; and his letter of the 21st December submitted the Budget revised accordingly.

2. The total amount of the proposed expenditure is seventy lacs, as directed by the Government of India in Captain Dickens' letter dated 11th October 1860, No. 5,311; but works to the amount of six lacs out of this sum are distinguished by mark A as required, in case the Government of India should eventually grant no more than sixty-four lacs. The Budget lists have been further revised and classified in the Government Office. The following table shows the particulars of the revision so made:—

| | Statement No. 1. | Statement No. 2. | Statement No. 3. | Total. |
|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. |
| Expenditure proposed by the Chief Engineer. | 2,50,000 | 20,86,574 | 24,33,426 | 47,70,000 |
| *Deduct.* | | | | |
| CUDDAPAH. | | | | |
| Road from Cuddapah to Madras ..... | ..... | 4,133 | ..... | ..... |
| Savings on the Estimate for the Táluq Kacherís at Kulcudda and Rajampet..... | ..... | 13,430 | ..... | ..... |
| MADRAS. | | | | |
| Pálar Anicut Channels..... | ..... | 12,600 | ..... | ..... |
| SOUTH ARCOT. | | | | |
| Göverupee Channel..... | ..... | 11,257 | ..... | ..... |
| TRICHINOPOLY. | | | | |
| Road No. 8 from Trichinopoly to Salem..... | ..... | 6,000 | ..... | ..... |
| NORTH CANARA. | | | | |
| Pier at Beitkul Bay..... | ..... | 7,000 | ..... | ..... |
| Collector's Kacherí at Sircy..... | ..... | 3,180 | | |
| Kulur Ghát..... | ..... | ..... | 500 | ..... |
| Gursapah Ghát..... | ..... | ..... | 500 | ..... |
| SOUTH CANARA. | | | | |
| Repairing the roof of the Huzúr Treasury at Mangalore..... | ..... | 1,600 | ..... | ..... |
| Total..... | ..... | 59,200 | 1,000 | 60,200 |
| Remainder..... | 2,50,000 | 20,27,374 | 24,32,426 | 47,09,800 |
| *Add.* | | | | |
| BELLARY. | | | | |
| Artillery Barracks and Out-Offices..... | ..... | 60,000 | ..... | ..... |
| NORTH ARCOT. | | | | |
| Trunk Road No. 1 from the 53½ to the 125th mile..... | ..... | ..... | 200 | 60,200 |
| Total as finally settled..... | 2,50,000 | 20,87,374 | 24,32,626 | 47,70,000 |

The Budget Statements thus revised will be forwarded to the Government of India with an explanatory letter.

3 The Chief Engineer will be requested to submit at an early date the Plans and Estimates for project No. 2* in Statement No. 1, as it is highly desirable that the necessary authority for the execution of the work should be obtained as early in the year as possible, and the Secretary of State has in a recent Despatch urged the importance of the early completion of the road.

* Constructing a new road from Yellapur to Beitkul Bay, vià the Kygah Ghát.

15th December 1860, No. 63.

4 The projects in Statement No 2 are 221 in number, and the outlay on them during the year is estimated at Rupees 20,87,374. But the Chief Engineer will inform the District

Engineers that none of the following works are to be commenced till the Estimates shall have received the sanction of Government in the usual course. Those Officers will be held personally responsible for any unauthorized deviation from this Order.

| District. | Description of the Project. | No. in the Budget. | Amount of the proposed expenditure in 1861-62. |
|---|---|---|---|
| | | | Rs. |
| Ganjam... ... | Road to connect Trunk No. 6 at Beersolah with the Port of Sonepúr... ... ... ... ... ... ... ... | 141 | 4,820 |
| | Cross Road from Ganjam and Berhampore Road to Gopalpore. | 142 | 1,200 |
| | Constructing Engineer's Office and Store yard and Powder Magazine... ... ... ... ... ... ... ... | 73 | 3,110 |
| Vizagapatam ... | Sea Custom House and Master Attendant's Office at Vizagapatam... ... ... ... ... ... ... ... | 57 | 4,310 |
| | Constructing a Tiled Bungalow for the European Staff Serjeant, Nursipatam... ... ... ... ... ... ... | 7 | 1,100 |
| Godavery... ... | Works of Irrigation and Navigation in the Central Delta..... | 99 | 44,461 |
| | Constructing a Calingulah across the Byana River... ... | 102 | 6,064 |
| | Lightning Conductors to the Powder Magazine at Rajahmundry... .. ... ... ... ... ... ... ... | 8 | 304 |
| | Do. at Dowlaishwaram... ... ... ... ... | 9 | 237 |
| | Do. at Rajahpoor... ... ... ... ... ... | 10 | 313 |
| | Constructing an Aqueduct over a drain crossed by the Amlapúr Channel... ... ... ... ... ... ... | 103 | 5,400 |
| | Towing path to the Nagarum Aqueduct... ... ... ... | 219 | 8,465 |
| Kistna... ... ... | Channel from Pulairu near Weyur to the Canal Basin... ... | 105 | 30,185 |
| Cuddapah... ... | Constructing a Road from Kazipett to Kurnool... ... ... | 192 | 15,000 |
| | Completing the Trunk Road No. 11 from Chittoor to Cuddapah, Estimate of Rupees 1,28,753. Eight bridges of from 1 to 11 arches and 30 Tunnels between Kuleudda and Goolcherru (portion of the above Estimate) ... ... ... | 200 | 15,000 |
| | Road from Royachotty to Poonganoor... ... ... ... | 147 | 20,000 |
| | Táluq Kacherí at Kalkudda... ... ... ... ... | 52 | 5,000 |
| | Do. at Rajampett... ... ... ... ... | 53 | 5,000 |
| Bellary... ... | Construction of Parghi Tank in the Pengondah Táluq... ... | 130 | 6,680 |
| | Constructing a School Room for the performance of Divine Service at Ramandroog... ... ... ... ... ... | 15 | 9,480 |
| | Do. do. and Buildings for do. at Bellary Rs. 10,200 | | |
| | Add amount required for constructing smaller room. ,, 7,880 | 16 | 18,080 |
| | Erecting a Market and purchasing Colonel Whistler's property... ... ... ... ... ... ... ... | 94 | 6,970 |
| Kurnool... ... | Bridging the Road from Kurnool to Bellary frontier near Kodamore... ... ... ... ... ... ... ... | 202 | 10,000 |
| Madras... ... | Metalling the Road from Trivellur to the Cortiliar river... ... | 154 | 6,236 |
| | Repairs to the Chingleput Jail... ... ... ... ... | 48 | 11,600 |
| | Eight Solitary Cells at Poonamallee... ... ... ... | 19 | 5,750 |
| North Arcot ... | Road from Arcot to Arnee... ... ... ... ... ... | 155 | 15,000 |
| South Arcot ... | Bridges on the Road from Cuddalore to Chellambram... ... | 204 | 1,863 |
| Tanjore... ... | Salt Road from Mayloor to Terenegherry... ... ... | 194 | 2,339 |
| | Bridge across Nunecarneyaur... ... ... ... ... | 208 | 2,242 |
| | Repairing the ancient tombs in the Dutch Protestant Burial Ground at Negapatam... ... ... ... ... ... | 72 | 1,200 |
| | Constructing eight Overseers' Store Sheds... ... ... ... | 81 | 1,175 |
| Trichinopoly ... | Deepening the Peruvalay channel, widening and strengthening its banks..... Rupees 14,000 | | |
| | Making a new cut across the Peruvalay channel ,, 10,700 | 123 | 9,217 |
| | Road from Trichinopoly to Salem boundary... ... ... | 166 | 10,000 |
| Tinnevelly... ... | Completing the last 3¼ miles of the Trunk Cotton Road... ... | 175 | 9,000 |
| Coimbatore..... | Metalling the Road and constructing Parapet walls to it between Kunur, Jackatalla and Ootacamund... ... ... | 181 | 10,000 |
| North Canara... | Pier at Beitkul Bay... ... ... ... ... ... | 96 | 16,000 |
| | Completion of the new Jail at Honore... ... ... ... | 50 | 17,602 |
| | Collector's Kacherí at Sircy... ... ... ... ... | 55 | 13,430 |
| Malabar... ... | Road from Maliapooram to Ponani... .. ... ... ... | 190 | 30,000 |
| | Constructing a Racket Court for the use of the European Detachment at Malliapuram... ... ... ... ... | 24 | 4,771 |



| District. | Description of the Project. | No. in the Budget. | Amount of the proposed expenditure in 1861-62. |
|---|---|---|---|
| | | | Rs. |
| Presidency... ... | Building an Engineer's Store yard for machinery, &c., with the Carpenters and Smiths, shops attached, and suitable quarters for the Warrant Officer in charge... ... ... ... | 86 | 45,000 |
| | Rebuilding the south Lunette of Saint George's Ravelin of the Fortifications of Fort Saint George.. ... ... | 4 | 48,630 |
| | Erecting a Bell Tower of 3 stages in the compound of Saint George's Cathedral in front of the main porch... ... ... | 62 | 3,620 |
| | Improvements to the sea face and Wallajah Bastion of the Fortifications of Fort Saint George... ... ... ... | 5 | 35,000 |
| | Total..... | ..... | 5,20,851 |

5. The Estimates for the construction of certain Lightning Conductors in the Rajahmundry District will be retained in the Budget agreeably to the recommendation contained in the Chief Engineer's letter dated 17th January 1861 (above recorded), but such retention is not to be regarded as authority for their execution and they are therefore included in the foregoing son of Fort Saint George has been struck out of the Budget; as no expenditure is proposed on it, and therefore it has no proper place in the Budget under the new rules.

6. Statement No. 3 has been allowed to stand as proposed by the Chief Engineer, with the exception of the slight alteration shown in the table appended to paragraph 2. But the expenditure under the head of "Repairs" will also continue to be governed by the existing rules, and permanent maintenance allowances for roads, not having already received the special sanction of Government, should be submitted for orders.

7. The following table shows the amounts of the several Budget Lists as finally revised and adopted by the Government:—

| | Estimated cost. | Proposed expenditure |
|---|---|---|
| | Rs. | Rs. |
| *New works.* | | |
| Statement No. 1 ... ... ... ... ... ... | 13,80,030 | 2,50,000 |
| Do. No. 2 ... ... ... ... ... ... | 67,48,222 | 20,87,374 |
| Total for new works..... | 81,28,252 | 23,37,374 |
| *Repairs.* | | |
| Statement No. 3 ... ... ... ... ... ... | ..... | 24,32,626 |
| Total for new works and repairs..... | 81,28,252 | 47,70,000 |

8. The proposed outlay from Imperial funds thus amounts to Rupees 47,70,000. The Accountant General will, however, be informed that six lacs of this sum, termed doubtful by the Government of India, and also the amount assigned to the works in List No. 1, being Rupees 2,50,000, making a total of 8,50,000 Rupees is not available for expenditure pending the receipt of the sanction of the Government of India. The sums shown in paragraph 4 of this Order as not having yet received the necessary special authority of Government are also not to be placed at the disposal of the District Engineers till such authority shall have been granted. The one lac for isolated works and the four lacs and thirty thousand for emergent works will be reserved in a lump, and will be allotted by the Accountant General from time to time, under the orders of Government. The proposal of the Chief Engineer in paragraph 25 of his letter of 30th November 1860, No. 2,861, to place one lac out of the last mentioned two sums at his disposal for minor new works, cannot be complied with. The cost of these works must as usual be debited to the funds provided for repairs.

9. The following table will show at one view the sums which may at once be made available for expenditure on 1st May next; and the Accountant General will issue instructions accordingly :—

| Districts. | Aggregate of the three Statements as per abstract No. 6. | Deduct. | | | Remainder available for expenditure on the 1st of May. |
|---|---|---|---|---|---|
| | | Expenditure on works from the doubtful six lacs. | Expenditure on works both in Statements Nos. 1 and 2 not yet specially sanctioned by Govt. | Total. | |
| | Rs. | Rs. | Rs. | Rs. | Rs. |
| Ganjam ... ... ... ... | 1,15,653 | 9,130 | ..... | 9,130 | 1,06,523 |
| Vizagapatam .. ... ... ... | 55,385 | 5,410 | ..... | 5,410 | 49,975 |
| Godavery ... ... ... .. | 3,81,985 | 64,390 | 854 | 65,244 | 3,16,741 |
| Kistna ... ... ... ... | 3,92,476 | 30,185 | .. ... | 30,185 | 3,62,291 |
| Nellore ... ... ... ... | 1,74,742 | ..... | ..... | ..... | 1,74,742 |
| Cuddapah ... ... ... ... | 2,29,619 | 60,000 | ..... | 60,000 | 1,69,619 |
| Bellary ... ... ... ... | 2,78,772 | 41,210 | ..... | 41,210 | 2,37,562 |
| Kurnool ... ... ... ... | 1,43,476 | 30,000 | ..... | 30,000 | 1,13,476 |
| Madras ... ... ... ... | 2,32,725 | 23,586 | ..... | 23,586 | 2,09,139 |
| North Arcot ... ... ... ... | 1,99,744 | 15,000 | ..... | 15,000 | 1,84,744 |
| South Arcot ... ... ... ... | 1,68,832 | 1,863 | ..... | 1,863 | 1,66,969 |
| Tanjore ... ... ... ... | 2,22,108 | 6,956 | ..... | 6,956 | 2,15,152 |
| Trichinopoly ... ... ... ... | 1,79,669 | 19,217 | ..... | 19,217 | 1,60,452 |
| Madura ... ... ... ... | 1,19,350 | .... | ..... | ..... | 1,19,350 |
| Tinnevelly ... ... ... ... | 1,71,280 | 9,000 | ..... | 9,000 | 1,62,280 |
| Coimbatore ... ... ... ... | 1,31,512 | 10,000 | ..... | 10,000 | 1,21,512 |
| Salem ... ... ... ... | 1,40,348 | ..... | ..... | ..... | 1,40,348 |
| North Canara... ... ... ... | 2,46,148 | 47,032 | 30,000 | 77,032 | 1,69,116 |
| South Canara ... ... ... ... | 59,247 | ..... | ..... | ..... | 59,247 |
| Malabar ... ... ... ... | 1,68,133 | 34,771 | ..... | 34,771 | 1,33,362 |
| Presidency ... ... ... ... | 5,21,952 | 1,32,250 | ..... | 1,32,250 | 3,89,702 |
| Municipal Commissioner ... ... | 27,397 | ..... | ..... | ..... | 27,397 |
| Upper Godavery ... ... ... | 2,00,000 | ..... | 2,00,000 | 2,00,000 | ..... |
| Mysore ... ... ... ... | 1,79,310 | ..... | ..... | ..... | 1,79,310 |
| Wellington ... ... ... .. | 30,137 | ..... | ..... | ..... | 30,137 |
| Total... | 47,70,000 | 5,40,000 | 2,30,854 | 7,70,854 | 39,99,146 |

The sums specified in the above table are to include the cash balances remaining on the 1st May 1861.

10. The value of Stores expected from England and the probable expenditure from Local funds in each District, at the joint disposal of the Collector and District Engineer, as reported in the Chief Engineer's letters dated 19th, 24th and 26th January, will be entered in the Budget Statements agreeably to the Order of the Government of India dated 22nd September 1860. The expenditure from the Port and Educational funds and the probable disbursements from the Capital deposits of the guaranteed Companies, as reported in the letters from the several Authorities above recorded, will also be entered in the Statements. The totals of the several Departments are shown in the margin. The disbursements shown in the statements received from the Deputy Superintendent of the Electric Telegraphs will be excluded from the Budget as they consist of the usual charges of the Line Establishments and contingencies which form no part of the Public Works charges. The Government Controlling Establishments on account of the Railway and Irrigation Companies will be entered in Statement No. 4.

| | Rs. |
|---|---|
| Value of stores expected from England.. ... | 2,50,000 |
| Outlay from Educational funds.. ... .. | 84,678 |
| Do from Port or Marine funds... .. ... | 8,044 |
| Do from Local funds ... ... .. .. | 2,17,205 |
| Madras Railway.. ... .. .. .. | 82,07,600 |
| Great Southern Railway .. .. .. | 13,75,000 |
| Irrigation and Canal Company .. ... | 18,00,000 |
| | 119,42,536 |



11. The Public Works expenditure from all sources and under all heads is shown in the subjoined table :—

| | Proposed expenditure. | | | |
|---|---|---|---|---|
| | Irrigation works. | Communications. | Buildings. | Total. |
| | Rs. | Rs. | Rs. | Rs. |
| Statement No. 1 ... .... ... ... ..... | 2,00,000 | 50,000 | .... | 2,50,000 |
| Do. „ 2 ... ... ... ... ... | 4,41,828 | 8,29,735 | 8,15,811 | 20,87,374 |
| Total New works..... | 6,41,828 | 8,79,735 | 8,15,811 | 23,37,374 |
| Statement No. 3. Repairs ... ... ..... | 10,00,000 | 10,79,638 | 3,52,988 | 24,32,626 |
| Total new works and repairs..... | 16,41,828 | 19,59,373 | 11,68,799 | 47,70,000 |
| Reserved fund ... ... ... ... ... ... | ..... | ..... | ..... | 5,30,000 |
| Establishment ... ... ... ... ... ..... | ..... | ..... | ..... | 17,00,000 |
| Total expenditure from Imperial funds..... | ..... | ..... | ..... | 70,00,000 |
| Value of Stores ... ... ... ... ... ... | ..... | ..... | ..... | 2,50,000 |
| Outlay for Government Controlling Establishments... | ..... | ..... | ..... | 77,408 |
| Outlay from Local, &c., funds..... ... ... | ..... | ..... | ..... | 3,09,927 |
| Outlay from Capital Deposits of guaranteed Companies ... ... ... ... ... | ..... | ..... | ..... | 113,82,609 |
| Grand Total..... | 16,41,828 | 19,59,373 | 11,68,799 | 190,19,944 |

12. The Chief Engineer will call upon the District Engineer of Tanjore for an explanation of the cause of the delay in the submission of his Budget Lists, noted in paragraph 2 of the Chief Engineer's letter dated 20th November 1860, No. 7,847, and lay it before Government when received.

(True Extract.)

*Secretary to Government.*

To the Chief Engineer.
„ Board of Revenue.
„ Accountant General.
„ Judicial Department.
„ Public &c., Department.
„ Military Department.

Exd. S. T. Augustin.

dated 28th March

Judicial 1861 Dept

Pres: of Govt in the
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Dy. 31st Jany 61
Rp. 26th Feby 61

3 spare copies.

No. 312.

Copy the order passed
on a letter from the Chief
Engineer Bering certain
Remarks in submitting
for the Consideration of Govt
Lists (Nos 1, 2 & 3) Constituting
the Public Works Budget
for 1861/62.

With an Order.

1814/182

No. 269. 28 February 1861.

Communicated to
the Inspector General
of Jails.

The Inspector
General of Jails
Dept. 28-2-61.