(1) Number of pages 126

(2) Date of repair 26.11.87

(3) Initials of the Referencer bma

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W. DEPARTMENT

G.O. No. / B.P. No.	704 W	Press. / Mis.
Dated	12-3-1886	198 .

Not to be folded or roughly handled.

Archives —I 10,006–9 88

17TH MARCH 1886, No. 704 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from H. R. GRIMES, Esq., Inspector-General of Jails, to the Chief Secretary to Government, dated Madras, 2nd March 1886, No. 60 :—

I have the honor to report that no provision has been made for a hospital to the new district jail now being built at Trichinopoly.

2. The plans and estimates were sanctioned some considerable time ago, during Colonel Tennant's tenure of office, and I presume that it must have been intended to admit the sick prisoners of the district jail into the central jail hospital, but as that building has not accommodation for more than its own requirements, it is very undesirable to overcrowd it with district jail patients. As Government may be aware, the new district jail and the cellular prison at Trichinopoly are to be contiguous, and Dr. O'Hara has selected a site for the hospital in the enclosure of the cellular prison ; but I am of opinion that it is most undesirable to have a hospital situated anywhere in proximity to the cellular prison, the surroundings of which should be kept completely secluded. I have therefore suggested that the hospital should be placed where it is at present intended to put the quarantine cells, and these latter buildings should not be in the jail enclosure at all, but outside the jail, so that persons occupying them will be entirely segregated from the other prisoners. Dr. O'Hara agrees with me in this point. I would therefore request that orders may be issued in the Public Works Department for a hospital to be provided at the new district jail at Trichinopoly on the site on which it was intended to build the quarantine cells, that it should be on the same plan in all particulars as the hospital provided at the new jail at Tanjore, and that the quarantine buildings, which should include a kitchen, latrine, bathing cistern, &c., be placed outside the jail, on the site on which the existing camp jail is at present.

3. I forward a plan of the new district jail and cellular prison on which I have marked the position of the hospital and the quarantine enclosure.

No. 476 C., Judicial.

Approved, and transferred to the Public Works Department.

(By Order.)

(Signed) A. G. CARDEW,
Ag. Assistant Secretary.

15th March 1886.

ORDER—dated 17th March 1886, No. 704 W., Public Works.

Communicated to the Superintending Engineer, VI Circle, who will submit estimates for carrying out the Inspector-General's suggestions.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Superintending Engineer, VI Circle, with plan.
„ Judicial Department.

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1886} Madras.

PUBLIC WORKS.

Dated March, 17*th*.

Recd.

Encl.

G.O., 17th March 1886, No. 704 W.

MARCH.

New District Jail, Trichinopoly

Proposals for the construction of a hospital at the —, communicated to the Superintending Engineer, VI Circle.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following papers :—

G.O., dated 11th September 1883, No. 355 E., Public Works.

Read—the following papers :—

Letter from the Inspector-General of Jails, No. 101, dated 25th April 1883.
Memorandum from the Inspector-General of Jails, dated 18th May 1883.
Memorandum to the Inspector-General of Jails, No. 111 E., dated 20th May 1883.
Letter to the Superintending Engineer, VI circle, No. 1044 C., dated 1st June 1883.
Letter from the Superintending Engineer, VI circle, No. 158 T.C., dated 14th June 1883.
Letter to the Superintending Engineer, VI circle, No. 1261 C., dated 4th July 1883.
Letter from the Superintending Engineer, VI circle, No. 258 T.J., dated 9th August 1883.

Order—dated 11th September 1883, No. 355 E., Public Works.

Before passing final orders on the plans and estimates, amounting to Rs. 1,24,080, which have been submitted for constructing a district jail at Trichinopoly, further report will be called for in the Judicial department as to the necessity for so large a building. It is designed to hold 300 adult male convicts (separate provision being made for females), 30 under-trial prisoners, 12 civil debtors, and 15 quarantine prisoners, or 357 in all. The cost per head, supposing the jail to be fully occupied, would thus be over Rs. 347.

2. The number of adult males confined in the district jail during the years 1880, 1881 and 1882 should be reported, and it should be stated whether the arrangements have been approved by the Sanitary Commissioner.

(True Extract.)

(Signed) J. SHAW-STEWART, Col., R.E.,
Joint Secy. to Govt., P.W.D.

To the Judicial department.

From Colonel T. E. TENNANT, Inspector-General of Jails, to the Chief Secretary to Government, dated Ootacamund, 5th November 1883, No. 312.

One book of plans.
One plan and section of enclosure wall.
One letter, dated 20th October, No. 1271, from the Sanitary Commissioner.
G.O., No. 355 E., dated 11th September 1883, Public Works department (returned).

With reference to the order noted in the margin, referred to me for report with your endorsement, No. 1764, dated 13th September 1883, I have the honor to state that I requested the opinion of the Sanitary Commissioner upon the following points :—

(1) As to the necessity or advantages of abandoning the present district jail and removing the prisoners into a jail in the vicinity of the central jail.

(2) As to the proposed site for the new jail adjoining the central jail, and whether good drainage can be secured.

(3) As to the general arrangements and disposition of the buildings, and as to the necessity of the accommodation proposed.

(4) As to the water-supply.

2. I now enclose Deputy Surgeon-General Furnell's reply, and beg to offer the following remarks :—

(1) In regard to the site, I prefer the original one (to the south of the jail) to that recommended by the Sanitary Commissioner, it being more sheltered from the strong feverish winds blowing for some months during the year, and also because the ground on the north side is rocky and the sinking of wells for water will be an expensive job. The objection as to the drains, as pointed out by Dr. Furnell, is undoubtedly a drawback.

(2) The standard space laid down by the Government of India is 40 square feet and 600 cubic feet, or 36 superficial and 648 cubic feet of breathing space for each prisoner. The standard space for hospital accommodation is 54 superficial and 800 cubic feet per patient. Probably Dr. Furnell has confused these dimensions.

(3) Samples of water from the various wells have again been submitted to the Chemical Examiner for analysis.

3. In regard to the present district jail, which is situated in the midst of the town, Government are aware that from time to time this jail has proved very unhealthy, and, although the health of the prisoners has lately improved, there is no guarantee that the sickness and mortality may not again be excessive. By bringing the district jail into the vicinity of the central jail, supervision will be easier and more effective; at the same time there will be a saving of expense in the prison staff, as no separate jailor will be required. The sick being treated in one hospital will greatly lessen the work of the medical officer.

4. It will be observed that it is proposed to build the cellular close prison attached to the central jail within the space enclosed by the boundary wall. This arrangement is made with a view of economising brick and mortar in the enclosing wall. The cellular prison is intended for long-sentenced convicts of the central jail during their period of probation. It will be quite distinct from the district jail, and the accommodation of the cellular prison must not be confounded with that required for the district jail, the former having nothing to do with the latter. In the district jail, it is proposed to keep the prisoners in association-wards in order to avoid expense. The district jail will be separated from the close cellular prison by a low wall surmounted by iron railing. Mr. Sewell, the District Magistrate, proposed that the two prisons should be separated by a masonry wall from 8 to 10 feet high, but I prefer the low wall with the iron railing, as it will not impede the circulation of air.

5. As to the extent of accommodation, although the women will be placed in the females' prison under the matron in the central jail, and the boys will likewise be kept in the juvenile block of the central jail, it is to be remembered that the

G.O., No. 1418, dated 28th October 1872. subsidiary jail prisoners will have to be
" " 20, " 4th January 1877. accommodated in the district jail. The accommodation was calculated on data of the daily average number together with the maximum number of prisoners on any one day, as it was considered safer to allow a margin so as to avoid overcrowding, rather than to limit the accommodation sufficient for the daily average number of prisoners based on a calculation of averages for three years.

6. As directed in paragraph 2 of the order of Government, I append a statement showing the average number of adult male prisoners in the district and subsidiary jails at Trichinopoly during the years 1880, 1881 and 1882. If Government consider the proposed accommodation is excessive, Nos. 1 and 4 blocks, which now consist of 3 wards each, may be reduced to 2 wards each, similar to blocks Nos. 2 and 3. In like manner the accommodation for civil debtors (12) and for under-trials (30) may

be reduced by one-half. The quarantine block now consists of 15 cells. I requested the opinion of the Sanitary Commissioner as to what quarantine accommodation was required, and whether the number of cells could be reduced or the quarantine block done away with, as by the latter arrangement the civil debtors might be placed in the corner opposite to the under-trials. I request instructions as to the quarantine accommodation, and whether cells or association-wards are to be provided.

7. I allowed 6 cells for punishment and for prisoners under sentence of death. This number of cells is doubtless large; but it is with a view to meet the wishes of the Secretary of State and the Government of India, who are opposed to the infliction of corporal punishment for breaches of prison discipline. The two workshops may be reduced in length by 20 feet each, making each workshop 50′ × 26′ instead of 70′ × 26′.

8. There may be some reduction in the number of cells in the close prison; at present there are 3 blocks consisting of 33, 27 and 40 cells. If Government consider this accommodation excessive, I would propose 3 blocks of 26 cells in each block.

9. Whilst pointing out where reduction in the extent of accommodation can be conveniently made, I do not propose to reduce the area of the enclosure within the boundary wall, as it may be found necessary eventually to extend the accommodation.

ENCLOSURES.

STATEMENT showing the average number of male prisoners in the District and Subsidiary Jails at Trichinopoly.

Trichinopoly District Jail.

Classes of prisoners.	1880.	1881.	1882.
Convicts	195·87	137·02	113·42
Under-trial	9·85	6·58	4·13
Civil	3·48	2·78	4·11
Security	1·66	5·45	2·40
Insane	..	..	·05
State	..	..	..
Total ..	210·86	151·83	124·11
Add for Trichinopoly Subsidiary Jail ..	7·69	5·55	7·21
Grand total ..	218·55	157·38	131·32

From Deputy Surgeon-General M. C. FURNELL, M.D., F.R.C.S., Sanitary Commissioner for Madras, to the Inspector-General of Jails, dated Madura, 20th October 1883, No. 1271.

I have the honor to acknowledge the receipt of your letter, No. 4475, of 17th September 1883, and quite recently, 15th October, of a book of plans of the proposed district jail at Trichinopoly, also correspondence as per margin which, with the book of plans, is herewith returned.

G.O., No. 355-E, of 11th September 1883, Public Works department.

2. My opinion is requested (1) "as to the necessity or advantages of abandoning the present district jail and removing the prisoners into a jail in the vicinity of the central jail." It would, I think, be advantageous in every respect if this were done. The prisoners in the district jail have suffered from indifferent health for some time past. The building is an old one, situated almost in the heart of the town, the drainage is indifferent, and the supervision, both medical and executive, owing to its distance from the central jail, entails a waste of time and must consequently be less efficient. For all these reasons I should say its abandonment—especially if, as is reported, the present building could be remuneratively sold—would be advantageous, even if not absolutely necessary.

3. (2) As to the proposed site. The one fixed upon by you to the south of the jail seems to me open to this objection; it is, and has been ever since the central jail was built, intersected by three, if not four, drains, and the soil must be more or less contaminated. I should prefer the open space on the north which is hard, dry, and from which drainage would naturally run. If

I am not mistaken it will, I think, be found this is the highest ground, whilst the ground on the south side is lower and towards it drainage and storm-water could naturally gravitate. The land should be surveyed to determine the levels and decide this point.

4. (3) As to the general arrangements and disposition of the buildings, I have carefully examined the block plan and I agree that the general arrangement and disposition of the buildings appear convenient. I would notice, however, that the cubic and superficial space should be 648 and 54 feet, respectively, if the standard is to be adhered to, and not 600′ and 40′.

5. As regards the necessity of the accommodation proposed, I gather from the G.O., No. 355-E, of 11th September 1883, that a further report will be called for in the Judicial department on this point." I think, therefore, it is not necessary for me to hazard an opinion on this subject.

6. (4) As to the water-supply, as far as the ordinary tests of color, transparency, odour, and taste go, the water in the central jail may be pronounced very good. Having in view, however, the great sickness which existed during 1882 (now sufficiently explained, I imagine, on other grounds), I think it would be advisable, if this has not been done, that samples should be sent for examination to the Chemical Examiner in Madras.

ORDER—dated 25th January 1884, No. 225, Judicial.

The Inspector-General of Jails should have submitted his proposals in the first instance to Government in the Judicial department, and this course should be followed in future. The Government now direct that, with reference to the objections of the Sanitary Commissioner, the Inspector-General will again report, after a further consultation with that officer, on the best site for the new buildings; the nature of the water-supply should be carefully examined.

2. In other respects the original proposals of the Inspector-General of Jails meet with the approval of Government in the Judicial department.

(True Extract.)

Chief Secretary.

To the Inspector-General of Jails.
" Sanitary Commissioner.
Copy to the Public Works department.

Exd. J. Wright.

Govt. of {1884} Madras.

JUDICIAL.

Issued

Recd. 1/2/84 Encl.

G.O., 25th January 1884, No. 225.

JANUARY.

New District Jail at Trichinopoly.

Directing the Inspector-General to report, after a further consultation with the Sanitary Commissioner, and with reference to the objections of that officer, on the best site for the —, and intimating that in other respects the Inspector-General's original proposals are approved.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ again—

G.O., dated 5th February 1884, No. 303 W., on Proceedings, Judicial Department, dated 25th January 1884, No. 225.

READ—also G.O., dated 31st July 1884, No. 1896, Judicial.

Read—the following letter from Colonel T. E. TENNANT, Inspector-General of Jails, to the Chief Secretary to Government, dated Ootacamund, 11th July 1884, No. 211:—

With reference to Judicial Order, 25th January 1884, No. 225, directing me to report after further consultation with the Sanitary Commissioner on the best site for the new district jail at Trichinopoly and for the cellular prison to be attached to the central jail at that station, I have now the honor to report that, although the original site to the south of the jail is more sheltered from the strong feverish winds and is in many respects preferable to the northern site, the Sanitary Commissioner is of opinion that the drains intersecting the southern site form an insuperable objection, and in this opinion the District Magistrate and the Medical Officer concur.

2. As the proposed site on the southern side is objected to on sanitary grounds, I presume it must be abandoned. The Superintendent of the Jail in his letter, No. 320, dated 5th April 1884, proposes alternative sites on the northern side of the jail, viz., the one marked A on the accompanying plan, 750 feet square, but unless more ground is taken up and one block of the police lines removed there will not be sufficient space; the other site is marked B on the plan and I think will be the better of the two; it will, however, entail some alteration in the general disposition of the buildings. The cellular prison will have to be constructed on the north-east side, and the district jail buildings will be placed on the north-west side as shown in the accompanying sketch. The cells for prisoners under sentence of death ought to be placed in the district jail and not in the cellular prison, as shown in Mr. Johnston's plan. A lodge for the warder will be required at C, the gate communicating with the central jail. The plan of this warder or gatekeeper's lodge ought to be the same as that constructed at Vellore.

3. The European head constable's quarters will have to be removed from their present site and re-erected in some other part of the ground; this, however, will not cost much and can be carried out by convict labor.

4. The Sanitary Commissioner's letter, dated 22nd May 1884, is also forwarded for information.

ENCLOSURES.

From J. W. JOHNSTON, Esq., Superintendent, Central Jail, Trichinopoly, to the Inspector-General of Jails, dated Trichinopoly, 5th April 1884, No. 320.

I have the honor to state that, in accordance with your letter, No. 1045, dated 19th March, the District Magistrate, Superintendent of Police, Medical Officer, and I met and consulted about

the site selected for the district jail with reference to the objection taken by the Sanitary Commissioner to it. I enclose a plan of the jail and its grounds with the several sites marked therein.

2. It was pointed out by the medical officer that on sanitary grounds the southern or proposed site was objectionable. Such being the case, and the question being purely a medical one, it was decided that the proposed site should be abandoned.

3. The main objection to this site is on account of the three drains which intersect it. Of these three drains, the first carries away the surplus water of the female yard; it is in constant flow, and the water is collected in an earth cistern and utilized for the trees in the garden. No. 2 drain carries away the surplus water of No. 7 yard, which is very little indeed; it runs into the same cistern as the above. No. 3 is the main southern drain of the jail, and carries away the storm water of the jail. The storm water of drains Nos. 1 and 2 flows into a large tank. The southern site is certainly lower than the northern one, and the latter is higher than that of the central jail.

4. The northern site A, 750 feet square, will not answer, as there is not space enough on the north side to form the square, unless we take up more ground on that side and give up one block of police huts through which the eastern boundary line runs.

5. The northern site B will, however, answer very well, the area of the enclosure within the boundary wall being more than that of site A, and, with ample accommodation for both the cellular prison and district jail, the buildings for which could be arranged in blocks radiating from the centre at C of the plan. The whole will then correspond with one-half of the central jail—*vide* rough sketch enclosed.

6. The ground within the enclosure is in some places very rocky, but as stones will be required for the enclosure wall, the rocks might be utilized for this purpose. There is a spring of water in the solid rock here about 3 feet below the surface of the ground, which runs dry in the hot weather, but at other times has a good supply of water. It might be enlarged and improved. There will be no difficulty in sinking wells for water in the western half of the site, as it is not rocky there.

7. The European chief head constable's quarters will have to be taken down and re-erected in some other part of the grounds, and the road to the police lines carried along the jail wall.

8. The north-western site is not at all a suitable one, as the ground there is lower than the southern site; one or two drains run through it, and the enclosure wall will be expensive, and it will, moreover, cut off all communication with the police lines.

9. I enclose extract from official visitors' book.

From Deputy Surgeon-General M. C. FURNELL, M.D., F.R.C.S., Sanitary Commissioner for Madras, to the Inspector-General of Jails, dated Ootacamund, 22nd May 1884, No. O.-2.

I have the honor, with reference to your demi-official of 14th May, to say I have gone carefully over the papers again, and am sorry I cannot see my way to changing my opinion about the site of the prison.

2. The objection I had to it was "it has been, ever since the central jail was built, intersected by three, if not four, drains, and the soil must be more or less contaminated." I might have added that this contamination has been also more or less augmented by manuring the garden. I do not think the "succession of crops" planted, as I saw the land at my inspection, would remove this taint. My opinion, I see by the papers before me, is shared by the Collector and District Magistrate, Superintendent, Civil Surgeon, and Police Superintendent. They record—"We all agreed that the site to the north of the central jail is the best."

3. As regards "the fierce feverish winds" which forms another objection, some part of the building must meet the winds first; at present the central jail forms the point of attack. The district jail if built on the north would be no worse off. The wind must impinge on something or somebody first.

4. The letter goes on to say the "northern site is higher and very rocky," this seems to me from a sanitary point of view advantageous, and I notice that the Superintendent of the jail in his letter, No. 451, of 12th May 1884, thus writes, "the rocky parts could be avoided by disposing of the buildings in the manner shown in the plan which accompanied my letter of 5th April 1884, No. 320.

"There is a want of space;" this is, I take it, purely an Engineer's question.

5. In conclusion, I have the honor to point out that the Trichinopoly central jail has for the past few years been very unhealthy, and although I am satisfied in my own mind that Surgeon-Major Ritchie's reports have fully demonstrated the cause of this, it behoves all concerned to be scrupulously careful to avoid any cause tending to promote or prolong this state of things.

Order—dated 31st July 1884, No. 1896, Judicial.

The Government approve the site to the north-east of the central jail, Trichinopoly, for the new district jail and cellular prison at that station. The foregoing paper will be communicated to the Public Works Department.

(True Extract.)

(Signed) E. F. WEBSTER,
Chief Secretary.

ORDER—dated 29th August 1884, No. 2134 W., Public Works.

The estimate, amounting to Rs. 1,24,080, for constructing a district jail at Trichinopoly, is sanctioned.

2. A grant of Rs. 20,000 has been provided for the work in the current year's Provincial budget.

3. In carrying out the work, the suggestions contained in paragraph 2 of the Inspector-General's letter of the 11th July 1884 should receive attention.

4. This sanction has been registered as Provincial No. 132 W. of 1884-85, and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, VI Circle, with plans and estimates.
" Examiner, Public Works Accounts, with duplicate abstract estimate.
" Judicial Department.

Exd. A. Aubert.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1884} Madras.

PUBLIC WORKS.

Dated August, 29th.

Recd.

Encl.

G.O., 29th Aug. 1884, No. 2134 W.

AUGUST.

District Jail at Trichinopoly

Estimate for constructing a —, sanctioned.

PRELIMINARY ISSUE.

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

PUBLIC WORKS DEPARTMENT.

PROVINCIAL SERVICE BUDGET-ESTIMATE

OF THE

PUBLIC WORKS DEPARTMENT

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1886-87.

CHEPÂK,
30th December 1885.

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

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GOVERNMENT OF MADRAS.

BUDGET-ESTIMATE OF PROVINCIAL SERVICES PUBLIC WORKS REVENUE IN MADRAS FOR THE YEAR 1886-87.

BUDGET-ESTIMATE OF THE REVENUE THAT WILL BE REALIZED BY, AND ON ACCOUNT OF, PROVINCIAL SERVICES OF THE PUBLIC WORKS DEPARTMENT IN MADRAS FOR THE YEAR FROM 1ST APRIL 1886 TO 31ST MARCH 1887.

—	Budget Estimate, 1886-87.	Budget Estimate, 1885-86.	Revised Estimate, 1885-86.
	Rs.	Rs.	Rs.
Realised in the Public Works Department	80,000	1,00,000	80,000
Total ...	80,000	1,00,000	80,000

GOVERNMENT OF MADRAS.

BUDGET-ESTIMATE OF EXPENDITURE ON PUBLIC WORKS UNDER PROVINCIAL SERVICES IN MADRAS FOR THE YEAR 1886-87.

ABSTRACT OF THE ESTIMATED EXPENDITURE FOR PUBLIC WORKS UNDER PROVINCIAL SERVICES IN MADRAS FOR THE YEAR FROM 1ST APRIL 1886 TO 31ST MARCH 1887.

—	Reference to Detailed Estimate.	Budget Estimate, 1886-87.	Budget Estimate, 1885-86.	Revised Estimate, 1885-86.
		Rs.	Rs.	Rs.
Original Works.				
Civil Buildings	...	11,63,138	9,28,335	6,84,089
Communications	...	2,17,295	2,01,588	1,35,127
Miscellaneous Public Improvements	...	3,500	66,189	1,12,544
Total ...	...	13,83,933	11,96,112	9,31,760
Repairs.				
Civil Buildings	...	2,23,500	1,35,320	1,25,841
Communications	...	65,000	82,255	89,572
Miscellaneous Public Improvements	...	11,500	6,600	8,230
Total ...	...	3,00,000	2,24,175	2,23,643
Total Works and Repairs.				
Civil Buildings	...	13,86,638	10,63,655	8,09,930
Communications	...	2,82,295	2,83,843	2,24,699
Miscellaneous Public Improvements	...	15,000	72,789	1,20,774
Total Works ...	...	16,83,933	14,20,287	11,55,403
Establishment	...	7,64,988	8,20,570	7,31,470
Tools and Plant	...	80,563	1,30,772	1,11,052
Stock and Suspense	...	**29,484**	**71,629**	**71,629**
Profit and Loss	...	...	...	...
Total ...	...	25,00,000	23,00,000	19,26,296

ABSTRACT OF THE CHARGES TO BE INCURRED BY THE PUBLIC WORKS DEPARTMENT FROM PROVINCIAL SERVICES AND CONTRIBUTIONS AS DETAILED WITHIN.

—	1886-87.						Budget Estimate, 1885-86.	Revised Estimate, 1885-86.
	Original Works.	Repairs.	Establishment.	Tools and Plant.	Stock and Suspense.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Provision from Provincial Services—								
In India ...	13,83,933	3,00,000	24,42,566	48,170	**29,484**	41,45,185	37,87,463	34,70,741
In England ...	...	...	...	56,088	...	56,088	1,00,295	69,657
Total as above ...	13,83,933	3,00,000	24,42,566	1,04,258	**29,484**	42,01,273	38,87,758	35,40,398
Provision from Contributions—								
In India ...	...	...	16,77,578	23,695	...	17,01,273	15,87,758	16,14,102
Grand Total ...	13,83,933	3,00,000	7,64,988	80,563	**29,484**	25,00,000	23,00,000	19,26,296

GOVERNMENT OF MADRAS.

PART I—CLASS A WORKS.

DETAIL OF THE BUDGET-ESTIMATE FOR ORIGINAL WORKS UNDER PROVINCIAL SERVICES IN MADRAS FOR THE YEAR 1886-87.

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.
					Rs.
				CIVIL BUILDINGS.	
				(a) Major Works.	
Provincial Services. Imperial— 12. Administration.	Vizagapatam.	Sálúr ...	1	Constructing a third-class tahsildar's office.	8,660
	Godávari Western.	Tanuku ...	2	Constructing a first-class tahsildar's office.	21,420
	Do. ...	Narsápur ...	3	Do. do. do. ...	22,900
	Do. ...	Bhimavaram.	4	Do. do. do. ...	22,650
	Eastern Kistna.	Nandigáma.	5	Constructing a tahsildar's office ...	23,390
	Do. ...	Bezváda ...	6	Improvements to Orr's bungalow ...	3,305
	Nellore ...	Nellore ..	7	Collector's office	48,455
	Bellary ...	Bellary ...	8	Improvements and extensions to Collector's office.	47,540
	Do. ...	Bukkapatnam.	9	Constructing a second-class tahsildar's office.	12,200
	Do. ...	Anantapur.	10	Collector's office	55,000
	Do. ...	Do. ...	11	Residence for Collector	30,875
	Cuddapah ...	Penukonda.	12	Head Assistant Collector's office ...	16,682
	Do. ...	Cuddapah ...	13	Collector's office	...
	Kurnool ...	Váyalpád ...	14	First-class tahsildar's office with out-houses.	25,700
	Do. ...	Nandyál ...	15	Tahsildar's office	34,676
	Do. ...	Do. ...	16	Head Assistant Collector's office ...	14,234
	Do. ...	Kandalapuram.	17	Tahsildar's office	35,625
	Nilgiri ...	Nandikótkur.	18	Improving the old tahsildar's office and completing out-houses.	10,000
	Coimbatore.	Ootacamund.	19	Additions and improvements to the Government House.	7,79,150
	West Coast.	Coimbatore.	20	Constructing a District Forest office ...	10,110
	Do. ...	Coondapoor.	21	Residence for the Head Assistant Collector.	15,790
	Do. ...	Ponáni ...	22	Construction of public offices	74,521
	Do. ...	Do.	23	Sea Customs house	4,030
	Do. ...	Cochin ...	24	Sea Customs houses, stores, and sheds ..	17,940
	Do. ...	Calicut ...	25	Collector's office	...
				Carried over ...	

OF MADRAS.

A WORKS.

PROVINCIAL SERVICES IN MADRAS FOR THE YEAR 1886-87.

Outlay.		Grant, 1886-87.		Item No.	Remarks and References.
Actual to end of 1884-85.	Probable during 1885-86.	Amount.	Total.		
Rs.	Rs.	Rs.	Rs.		
15	...	8,645	...	1	G.O., No. 1293 W., dated 23rd May 1884. Item No. 2, Class A Works, Budget of 1885-86.
7,339	7,500	4,000	...	2	G.O., No. 3563, dated 20th December 1875. Item No. 4, Class A Works, Budget of 1885-86.
...	...	10,000	...	3	G.O., No. 3563, dated 20th December 1875. Item No. 5, Class A Works, Budget of 1885-86.
10,282	8,500	2,000	...	4	G.O., No. 3563, dated 20th December 1875. Item No. 6, Class A Works, Budget of 1885-86.
...	...	16,000	...	5	G.O., No. 65 W., dated 9th January 1885. Item No. 8, Class A Works, Budget of 1885-86.
...	...	3,305	...	6	G.O., No. 276 W., dated 5th February 1885. Item No. 9, Class A Works, Budget of 1885-86.
...	...	20,000	...	7	G.Os., Nos. 607, dated 13th March 1885, and 858 W., dated 9th April 1885. Item No. 10, Class A Works, Budget of 1885-86.
...	1,700	20,000	...	8	G.O., No. 1134 W., dated 6th May 1884. Item No. 3, Class B Works, Budget of 1885-86.
3,590	5,200	3,410	...	9	G.O., No. 2925 W., dated 3rd December 1884. Item No. 14, Class A Works, Budget of 1885-86.
21,260	17,487	11,253	...	10	G.O., No. 3498 W., dated 6th December 1883. Item No. 15, Class A Works, Budget of 1885-86.
10,879	7,547	11,253	...	11	G.O., No. 3010, dated 24th October 1883. Item No. 16, Class A Works, Budget of 1885-86.
5,923	10,000	760	...	12	G.O., No. 613 W., dated 14th March 1885.
...	...	20,000	...	13	Estimate is awaited. Item No. 17, Class A Works, Budget of 1885-86.
...	...	10,000	...	14	G.O., No. 1207 W., dated 22nd May 1885.
8,339	10,000	16,337	...	15	G.O., No. 1847 W., dated 10th August 1885. Item No. 21, Class A Works, Budget of 1885-86.
...	...	7,000	...	16	G.O., No. 652 W., dated 17th March 1885.
...	...	16,000	...	17	Sanction of the Government of India is awaited.
...	...	5,000	...	18	G.O., No. 3454 W., dated 16th August 1876. Item No. 20, Class A Works, Budget of 1885-86.
6,67,319	15,000	30,000	...	19	G.O., No. 2459 W., dated 3rd September 1883. Item No. 24, Class A Works, Budget of 1885-86.
...	...	10,110	...	20	G.O., No. 2049 W., dated 20th August 1884. Item No. 4, Class B Works, Budget of 1885-86.
1,760	6,000	7,970	...	21	G.O., No. 2413 W., dated 30th September 1884. Item No. 28, Class A Works, Budget of 1885-86.
6,000	26,960	20,000	...	22	G.O., No. 2597 W., dated 23rd October 1884. Item No. 22, Class A Works, Budget of 1885-86.
...	...	4,030	...	23	G.O., No. 511 W., dated 6th March 1885.
...	...	10,000	...	24	G.O., No. 2427 W., dated 2nd October 1884. Item No. 23, Class A Works, Budget of 1885-86.
...	...	20,000	...	25	Estimate is awaited. Item No. 29, Class A Works, Budget of 1885-86.
...	...	2,87,073			

GOVERNMENT OF MADRAS.

PART I—CLASS A WORKS—cont.

DETAIL OF THE BUDGET-ESTIMATE FOR ORIGINAL WORKS UNDER PROVINCIAL SERVICES IN MADRAS FOR THE YEAR 1886-87—*cont.*

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay. Actual to end of 1884-85.	Outlay. Probable during 1885-86.	Grant, 1886-87. Amount.	Grant, 1886-87. Total.	Item No.	Remarks and References.
					Rs.	Rs.	Rs.	Rs.	Rs.		
				Brought forward ...				2,87,073			
				CIVIL BUILDINGS—*cont.*							
				(*a*) Major Works—*cont.*							
Provincial Services—*cont.* Imperial—*cont.* 12. Administration—*cont.*	West Coast.	Perinthalamana.	26	Tahsildar's office	34,070	...	...	15,000	...	26	G.O., No. 2380 W., dated 12th October 1885.
	Do. ...	Puttur ...	27	Deputy Collector's office	10,960	...	...	10,960	...	27	G.O., No. 3023 W., dated 16th December 1885.
	Do. ...	Badagara ...	28	Tahsildar's office	31,000	...	...	15,000	...	28	G.O., No. 2380 W., dated 12th October 1885.
	Presidency.	Madras ...	29	Improving the strong rooms of the Paper Currency office, Fort St. George.	12,500	...	...	12,500	...	29	G.O., No. 240 W., dated 20th January 1883. Item No. 7, Class B Works, Budget of 1885-86.
	Tanjore ...	Kumbakónam.	30	Tahsildar's office	19,240	...	...	10,000	...	30	G.O., No. 921 W., dated 18th April 1885. Item No. 30, Class A Works, Budget of 1885-86.
	Trichinopoly.	Trichinopoly.	31	Forest office to be attached to the Collector's office.	4,820	...	...	4,820	...	31	G.O., No. 516 W., dated 6th March 1885.
	Madura ...	Nellakóta ...	32	Deputy Tahsildar's office	11,828	3,804	5,228	2,790	...	32	G.O., No. 515 W., dated 1st February 1878. Item No. 31, Class A Works, Budget of 1885-86.
	Do. ...	Oothamapoliem.	33	Do.	11,993	4,500	6,993	500	...	33	G.O., No. 515 W., dated 1st February 1878. Item No. 32, Class A Works, Budget of 1885-86.
	Do. ...	Vedasandur.	34	Do.	11,828	4,497	6,828	500	...	34	G.O., No. 515 W., dated 1st February 1878. Item No. 33, Class A Works, Budget of 1885-86.
	Do. ...	Tirumangalam.	35	Tahsildar's office	25,110	...	...	10,000	...	35	G.O., No. 2013 W., dated 31st August 1885. Item No. 34, Class A Works, Budget of 1885-86.
	Architect ...	Madras ...	36	Reconstructing the tiffin-room at Chepâk for the use of clerks in the office of the Board of Revenue.	2,576	...	...	2,576	...	36	G.O., No. 1251 W., dated 29th May 1885.
13. Minor Departments.	Presidency.	Do. ...	37	Providing lightning conductor to the Government Central Museum.	2,850				3,71,719		
						...	...	2,850	...	37	G.O., No. 1946 W., dated 8th August 1881. Item No. 35, Class A Works, Budget of 1885-86.
14. Law and Justice.	Godávari Eastern Do. ...	Pithápuram.	38	Sub-Magistrate's office	8,983				2,850		
	Bellary ...	Tuni ...	39	Do.	9,436	1,983	4,500	2,500	...	38	G.O., No. 1928 W., dated 20th August 1885. Item No. 38, Class A Works, Budget of 1885-86.
	North Arcot.	Siruguppa...	40	Do.	12,680	1,942	4,500	3,000	...	39	G.O., No. 1928 W., dated 20th August 1885. Item No. 39, Class A Works, Budget of 1885-86.
	Nilgiri ...	Arkónam ...	41	Sub-Magistrate's office with out-houses.	14,245	3,000	7,680	2,000	...	40	G.O., No. 22 W., dated 6th January 1879. Item No. 43, Class A Works, Budget of 1885-86.
	West Coast..	Kotagiri ...	42	Combined Bench Magistrate's court and third-class police station.	8,060	...	...	8,000	...	41	G.O., No. 1939 W., dated 21st August 1885.
	Do. ...	Calicut ...	43	Law courts	95,240	...	...	8,060	...	42	G.O., No. 902, dated 15th April 1885.
	Tanjore ...	Betatnad ...	44	Improvements to Munsif's court ...	4,295	59,075	20,420	12,755	...	43	G.O., No. 1553 W., dated 20th June 1884. Item No. 44, Class A Works, Budget of 1885-86.
		Kumbakónam.	45	Combined court-house for the District Munsifs of Kumbakónam and Velangaman.	33,640	...	...	4,295	...	44	G.O., No. 2002 W., dated 28th August 1885.
				Carried over ...		...	1,368	10,000	...	45	G.O., No. 947 W., dated 21st April 1885. Item No. 47, Class A Works, Budget of 1885-86.
								50,610	3,74,569		

GOVERNMENT

PART I—CLASS

DETAIL OF THE BUDGET-ESTIMATE FOR ORIGINAL WORKS UNDER

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.
					Rs.
				Brought forward ...	
				CIVIL BUILDINGS—*cont.*	
				(a) Major Works—*cont.*	
Provincial Services—*cont.*	Negapatam.	Mannárgudi	46	Additional improvements to the District Munsif's court.	5,010
Imperial—*cont.*	Madura ...	Madura ...	47	Sub-Magistrate's office	17,889
14. Law and Justice—*cont.*	Tinnevelly...	Kokarakulam.	48	Improving the District Court-house ...	17,875
	Architect ...	Madras ...	49	New Town Police Court	...
15. Ecclesiastical ...	Presidency.	Do. ...	50	Providing new seats to St. Mathias' Church.	2,930
	Do. ...	Do. ...	51	Ornamenting the ceilings of the nave in St. George's Cathedral	2,711
Provincial—					
16. Jails	Godávari Eastern.	Rajahmundry.	52	Proposed water-supply and improvements to the existing drainage of the Central Jail.	33,030
	Cuddapah ...	Cuddapah ...	53	Additions and alterations to the District Jail.	31,900
	Coimbatore.	Salem ...	54	Additions and alterations to the quarters of the Superintendent, Central Jail.	3,600
	Do. ...	Do. ...	55	Constructing quarters for the Deputy Jailor attached to the Central Jail.	3,660
	Do. ...	Do. ...	56	Additions to the Central Jail	6,340
	West Coast.	Calicut ...	57	Constructing four cells in the District Jail.	3,200
	Presidency.	Madras ...	58	Constructing twelve solitary cells in the Penitentiary.	5,750
	Trichinopoly.	Trichinopoly.	59	District Jail	1,24,080
17. Police ...	Vizagapatam	Vizagapatam.	60	Improvements to the office building of the Assistant Superintendent of Police.	3,725
	Kistna Eastern.	Bezváda ..	61	Two head and ten constables' huts ...	4,538
	Kurnool ...	Kandalapuram.	62	Constructing a residence with out-houses for the Assistant Superintendent of Police.	10,599
	Do. ...	Do. ...	63	Constructing a police hospital with out-houses.	2,257
	Nilgiri ...	Devála ...	64	Purchase of Rowe's bungalow with out-houses and conversion of the building into a station-house and ten police huts and constructing five additional huts.	9,170
	West Coast.	Malapuram.	65	Constructing a residence with out-houses for the Assistant Superintendent of Police.	13,660
	Do. ...	Mangalore.	66	Additions and improvements to the office of the Superintendent of Police.	9,200
	Do. ...	Do. ...	67	Constructing a police hospital with out-houses.	11,745
				Carried over ...	

OF MADRAS.

A WORKS—cont.

PROVINCIAL SERVICES IN MADRAS FOR THE YEAR 1886-87—*cont.*

Outlay.		Grant, 1886-87.		Item No.	Remarks and References.
Actual to end of 1884-85.	Probable during 1885-86.	Amount.	Total.		
Rs.	Rs.	Rs. 50,610	Rs. 3,74,569		
...	100	4,910	...	46	G.O., No. 1841 W., dated 8th August 1885.
...	5,000	12,889	...	47	G.O., No. 608 W., dated 13th March 1885.
...	...	17,875	...	48	G.O., No. 506 W., dated 6th March 1885. Item No. 48, Class A Works, Budget of 1885-86.
...	...	10,000	.. 96,284	49	Estimate is awaited.
...	...	2,930	...	50	G.O., No. 2722 W., dated 4th November 1884.
...	...	2,711	... 5,641	51	G.O., No. 1492 W., dated 26th June 1885.
17,329	6,844	5,827	...	52	G.O., No. 3503 W., dated 6th December 1883, and G.O., No. 2794 W., dated 23rd November 1885. Item No. 51, Class A Works, Budget of 1885-86.
...	2,550	12,500	...	53	G.O., No. 2883 W., dated 3rd December 1885.
...	21	3,579	...	54	G.O., No. 1747 W., dated 16th July 1884. Item No. 55, Class A Works, Budget of 1885-86.
...	182	3,478	...	55	G.O., No. 1752 W., dated 17th June 1884. Item No. 56, Class A Works, Budget of 1885-86.
...	...	6,340	...	56	G.O., No. 1231 W., dated 28th May 1885.
...	...	3,200	...	57	G.O., No. 926 W., dated 18th April 1885.
...	2,000	3,750	...	58	G.O., No. 525 W., dated 7th March 1885.
15,349	25,000	20,000	... 58,674	59	G.O., No. 2134 W., dated 29th August 1884. Item No. 58, Class A Works, Budget of 1885-86.
...	...	3,725	...	60	G.O., No. 2873 W., dated 17th November 1884. Item No. 60, Class A Works, Budget of 1885-86.
...	...	4,538	...	61	G.O., No. 526 W., dated 7th March 1885.
...	...	12,856	...	62 63	G.O., No. 3025 W., dated 16th December 1885.
...	...	9,170	...	64	G.O., No. 2820 W., dated 26th November 1885.
...	...	10,000	...	65	G.O., No. 3031 W., dated 16th December 1885.
...	...	5,000	...	66	G.O., No. 2105 W., dated 25th August 1884.
...	...	6,000	...	67	G.O., No. 1109 W., dated 11th May 1885.
		51,289	5,35,168		

GOVERNMENT

PART I—CLASS

DETAIL OF THE BUDGET-ESTIMATE FOR ORIGINAL WORKS UNDER

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.
					Rs.
				Brought forward ...	...
				CIVIL BUILDINGS—*cont.*	
				(*a*) Major Works—*cont.*	
Provincial Services —*cont.*	Tanjore ...	Tanjore ...	68	New Town Police station	6,740
Provincial—*cont.* 17. Police—*cont.*	Do. ...	Kumbakónam.	69	Additional shed to the Town Police station.	2,700
	Do. ...	Máyavaram.	70	Constructing ten police huts at Nandalar chowkey.	3,945
	Do. ...	Nannilam...	71	Constructing eleven police huts at Sanamangalam.	3,585
	Do. ...	Do. ...	72	Constructing nine police huts at Velangudi	3,130
	Madura ...	Ammayanáyakanúr.	73	One second-class Police station-house and one head and five constables' huts.	3,850
	Do. ...	Veerapandi.	74	Third-class Police station-house and one head and four constables' huts.	2,930
	Do. ...	Sámayanallúr	75	Do. do. ...	2,690
	Ramnad ...	Ramnad ...	76	Converting the Police hospital into a bungalow for the Assistant Superintendent of Police.	3,950
				(*b*) Minor Works.	
				Grant for Police Works costing above Rs. 1,000 *and below Rs.* 2,500 *each.*	
	Nellore ...	Kandukúr ..	77	Police huts	1,890
	Do. ...	Darsi ...	78	Second-class Police station-house ...	2,260
	Kurnool ...	Pattikonda.	79	Nine constables' huts	2,300
	Tanjore ...	Máyavaram.	80	Six Police huts at Nalladai	1,950
	Do. ...	Nannilam...	81	Seven Police hut at Alathur	2,340
	Do. ...	Do. ...	82	Five Police huts at Kovilkandangudi ...	1,690
	Do. ...	Do. ...	83	Five Police huts at Seshumalai ...	1,756
	Negapatam.	Negapatam.	84	Additional shed for the Police station ...	1,075
	Tinnevelly.	Singikulam.	85	Third-class Police station-house ...	1,137
18. Educational.	Cuddapah...	Cuddapah...	86	(*a*) Major Works. Improving the Government High school.	2,000
	Tanjore ...	Kumbakónam.	87	Additions and improvements to the College building.	65,341
	Architect ...	Madras ...	88	Additions and improvements to the Medical College.	75,326
19. Medical.	Godávari Eastern.	Bhadráchalam.	89	Constructing a dispensary	4,246
	West Coast.	Calicut ...	90	Providing additional accommodation to the Lunatic Asylum.	10,346
				Carried forward ...	...

OF MADRAS.

A WORKS—cont.

PROVINCIAL SERVICES IN MADRAS FOR THE YEAR 1886-87—*cont.*

Outlay.		Grant, 1886-87.		Item No.	Remarks and References.
Actual to end of 1884-85.	Probable during 1885-86.	Amount.	Total.		
Rs.	Rs.	Rs.	Rs.		
...	...	51,289	5,35,168		
416	700	6,040	...	68	G.O., No. 64 W., dated 8th January 1885. Item No. 63, Class A Works, Budget of 1885-86.
...	503	2,200	...	69	G.O., No. 64 W., dated 8th January 1885. Item No. 64, Class A Works, Budget of 1885-86.
...	...	3,945	...	70	G.O., No. 2344 W., dated 9th October 1885.
...	...	3,585	...	71	Do. do.
...	...	3,130	...	72	Do. do.
...	...	3,850	...	73	G.O., No. 932, W., dated 20th April 1885.
...	...	2,930	...	74	G.O., No. 932 W., dated 20th April 1885.
...	...	2,690	...	75	G.O., No. 1206 W., dated 22nd May 1885.
...	2,000	1,950	...	76	G.O., No. 2701 W., dated 3rd November 1884.
			81,609		
...	...	1,890	...	77	G.O., No. 1746 W., dated 15th July 1881.
...	...	2,260	...	78	G.O., No. 1326 W., dated 8th June 1885.
...	...	2,300	...	79	G.O., No. 453 W., dated 19th February 1884. Item No. 72, Class A Works, Budget of 1885-86.
...	...	1,950	...	80	G.O., No. 2344 W., dated 9th October 1885.
...	...	2,340	...	81	Do. do.
...	...	1,690	...	82	Do. do.
...	...	1,756	...	83	Do. do.
...	...	1,075	...	84	G.O., No. 64 W., dated 8th January 1885.
...	...	1,137	...	85	G.O., No. 2684, W., dated 31st October 1884.
			16,398		
1,424	...	3,745	...	86	G.O., No. 2117 W., dated 27th August 1884. Revised estimate is awaited.
...	...	10,000	...	87	G.O., No. 2226 W., dated 11th September 1884. Item No. 13, Class B Works, Budget of 1885-86.
...	...	30,000	...	88	G.O., No. 1252 W., dated 17th May 1884. Item No. 14, Class B Works, Budget of 1885-86.
			43,745		
17	1,099	3,130	...	89	G.O., No. 1804 W., dated 3rd August 1885.
...	...	10,346	...	90	G.O., No. 2876 W., dated 18th November 1884. Item No. 81, Class A Works, Budget of 1885-86.
...	...	13,476	6,76,920		

GOVERNMENT OF MADRAS.

DETAIL OF THE BUDGET ESTIMATE FOR ORIGINAL WORKS UNDER PART I—CLASS A WORKS—cont.

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.
					Rs.
Provincial Services —*cont.*				Brought forward ...	...
Provincial—*cont.*				CIVIL BUILDINGS—*cont.*	
19. Medical—*cont.*				(*a*) Major Works—*cont.*	
	Presidency...	Madras ...	91	Constructing quarters for the Assistant Matron, Lunatic Asylum.	4,330
	Do. ...	Do. ...	92	Constructing quarters for the Second-class European Attendants, Lunatic Asylum.	8,115
	Do. ...	Do. ...	93	Proposed Operation-room to the General Hospital.	11,590
	Do. ...	Do. ...	94	Constructing a cottage to accommodate twelve lunatics, Lunatic Asylum.	4,210
	Do. ..	Do. ...	95	Constructing a block of six rooms for natives, Lunatic Asylum.	5,420
20. Miscellaneous.	Godávari Eastern.	Dowlaish-weram.	96	Residence for the Executive Engineer ...	12,500
	Nílgiri ...	Ootacamund	97	Quarters for non-commissioned officers, "Queen's Own Sappers and Miners."	...
	Madura ...	Madura ...	98	Preservation of Tirumal Naick's Palace and adaptation for public offices.	2,74,847
	Architect ...	Madras ...	99	Purchase of the fishing village near the Presidency College.	...
	Do. ...	Do. ...	100	Providing a second boat for the floating latrine at Chepâk.	2,566
	Godávari Western.	Bhímavaram.	101	Sub-Registrar's office	2,540
	Do.	Ellore ...	102	Do.	2,540
	Godávari Central.	Razole ...	103	Do.	2,750
	Nellore ...	Gúdúr ...	104	Do.	3,000
	Do. ...	Addanki ...	105	Do.	2,970
	Do. ...	Atmakúr ...	106	Registrar's office	...
	Kistna Eastern.	Masulipatam.	107	Sub-Registrar's office	6,540
	Kistna Western.	Bápatla ...	108	Do.	2,860
	Coimbatore.	Kollegál ...	109	Do.	2,630
	Do. ...	Hosúr ...	110	Registrar's office	2,970
	West Coast.	Tellicherry.	111	Sub-Registrar's office	7,225
	Do. ...	Udipi ...	112	Do.	3,370
	Do. ...	Vittal ...	113	Carried over ...	3,240
					...

OF MADRAS.

A WORKS—cont.

PROVINCIAL SERVICES IN MADRAS FOR THE YEAR 1886-87—*cont.*

Outlay.		Grant, 1886-87		Item No.	Remarks and References.
Actual to end of 1884-85.	Probable during 1885-86.	Amount.	Total.		
Rs.	Rs.	Rs.	Rs.		
...	...	13,476	6,76,920		
...	...	4,330	...	91	G.O., No. 1225 W., dated 14th May 1884. Item No. 77, Class A Works, Budget of 1885-86.
...	...	8,115	...	92	G.O., No. 1225 W., dated 14th May 1884. Item No. 78, Class A Works, Budget of 1885-86.
...	...	11,590	...	93	G.O., No. 2096 W., dated 25th August 1884. Item No. 79, Class A Works, Budget of 1885-86.
...	...	4,210	...	94	G.O., No. 1419 W., dated 17th June 1885.
...	...	5,420	...	95	Do. do.
			47,141		
7,914	2,586	2,000	...	96	G.O., No. 788 W., dated 31st March 1885.
...	...	3,760	...	97	Estimate is awaited.
2,63,460	20,000	30,000	...	98	G.O., No. 728 W., dated 23rd March 1885. Item No. 84, Class A Works, Budget of 1885-86. Revised estimate is awaited.
...	...	26,500	...	99	G.O., No. 959 W., dated 23rd April 1885.
...	...	2,566	...	100	G.O., No. 1710 W., dated 23rd July 1885.
...	...	2,540	...	101	G.O., No. 1202 W., dated 21st April 1885. Item No. 85, Class A Works, Budget of 1885-86.
...	...	2,540	...	102	G.O., No. 3456 W., dated 3rd December 1883. Item No. 86, Class A Works, Budget of 1885-86.
5	420	2,325	...	103	G.O., No. 2989 W., dated 22nd October 1883.
...	300	2,700	...	104	G.O., No. 2882 W., dated 18th November 1884. Item No. 87, Class A Works, Budget of 1885-86.
...	200	2,770	...	105	G.O., No. 2882 W., dated 18th November 1884. Item No. 88, Class A Works, Budget of 1885-86.
...	...	2,000	...	106	Estimate is awaited. Item No. 89, Class A Works, Budget of 1885-86.
...	...	6,540	...	107	G.O., No. 1108 W., dated 11th May 1885. Item No. 91, Class A Works, Budget of 1885-86.
9	...	2,851	...	108	G.O., No. 1622 W., dated 27th June 1884. Item No. 90, Class A Works, Budget of 1885-86.
...	...	2,630	...	109	G.O., No. 1790 W., dated 14th July 1882.
560	...	2,410	...	110	G.O., No. 945 W., dated 7th April 1884.
...	...	7,225	...	111	G.O., No. 1248 W., dated 16th May 1884. Item No. 96, Class A Works, Budget of 1885-86.
...	...	3,370	...	112	G.O., No. 856 W., dated 28th March 1884. Item No. 93, Class A Works, Budget of 1885-86.
...	...	3,240	...	113	G.O., No. 1148 W., dated 7th May 1884. Item No. 94, Class A Works, Budget of 1885-86.
...	...	1,07,967	7,24,061		

GOVERNMENT OF MADRAS.

PART I—CLASS A WORKS—cont.

DETAIL OF THE BUDGET-ESTIMATE FOR ORIGINAL WORKS UNDER PROVINCIAL SERVICES IN MADRAS FOR THE YEAR 1886-87—*cont.*

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay. Actual to end of 1884-85.	Outlay. Probable during 1885-86.	Grant, 1886-87. Amount.	Grant, 1886-87. Total.	Item No.	Remarks and References.
					Rs.	Rs.	Rs.	Rs. 1,07,967	Rs. 7,24,061		
				Brought forward ..							
				CIVIL BUILDINGS—*cont.*							
				(*a*) Major Works—*cont.*							
Provincial Services —*cont.*	West Coast.	Chevayur ...	114	Sub-Registrar's office	3,020	...	...	3,020	...	114	G.O., No. 3331 W., dated 22nd November 1883. Item No. 95, Class A Works, Budget of 1885-86.
Provincial—*cont.*	Do. ...	Tirurangádi.	115	Do.	2,650	...	...	2,650	...	115	G.O., No. 3331 W., dated 22nd November 1883. Item No. 97, Class A Works, Budget of 1885-86.
20. Miscellaneous—*cont.*	Do. ...	Puttur ...	116	Do.	3,120	...	...	3,120	...	116	G.O., No. 3330 W., dated 22nd November 1883. Item No. 98, Class A Works, Budget of 1885-86.
	Do. ...	Kondotti ...	117	Do.	3,020	...	...	3,020	...	117	G.O., No. 1169 W., dated 18th May 1885.
	Do. ...	Wandur ...	118	Do.	2,905	...	...	2,905	...	118	Do. do.
	Do. ...	Tripriyar ...	119	Do.	3,335	...	...	3,335	...	119	Do. do.
	Do. ...	Chávakad ...	120	Do.	3,240	...	...	3,240	...	120	Do. do.
	Do. ...	Malapuram.	121	Do.	2,785	...	...	2,785	...	121	Do. do.
	Do. ...	Tamracheri.	122	Do.	2,926	...	...	2,926	...	122	G.O., No. 1901 W., dated 17th August 1885.
	Trichinopoly.	Trichinopoly.	123	Do.	4,100	...	...	4,100	...	123	G.O., No. 3000 W., dated 6th December 1884.
	Madura ...	Tirumangalam.	124	Do.	2,864	...	...	2,864	...	124	G.O., No. 2502 W., dated 23rd October 1885.
	Tinnevelly.	Srivilliputur.	125	Do.	2,705	245	96	2,364	...	125	G.O., No. 3424 W., dated 30th November 1883. Item No 101, Class A Works, Budget of 1885-86.
	Do. ...	Kokarakulam	126	Registrar's office	4,380	...	633	3,747	...	126	G.O., No. 3189 W., dated 12th November 1883. Item No. 102, Class A Works, Budget of 1885-86.
									1,48,043		
				(*b*) Minor Works as detailed below.							
	Nellore ...	Kandukúr ..	127	Sub-Registrar's office	2,455	...	...	2,455	...	127	G.O., No. 2738 W., dated 20th October 1882.
	Cuddapah ...	Váyalpád ...	128	Do.	2,435	...	...	2,435	...	128	G.O., No. 719 W., dated 23rd March 1885.
	Do. ...	Chitvél ...	129	Do.	2,040	...	...	2,040	...	129	G.O., No. 1232 W., dated 14th May 1884.
	Tanjore ...	Tiruvádi ...	130	Converting a portion of the old Tahsildar's office into a Sub-Registrar's office.	1,120	...	...	1,120	...	130	G.O., No. 2896 W., dated 19th November 1884.
	Trichinopoly.	Manaparai.	131	Sub-Registrar's office	2,090	...	...	2,090	...	131	G.O., No. 718 W., dated 23rd March 1885.
	Tinnevelly.	Sátánkulam.	132	Do.	2,080	...	...	2,080	...	132	G.O., No. 1982 W., dated 26th August 1885.
	Do. ...	Vartirayirup-pu.	133	Do.	2,200	...	...	2,200	14,420	133	G.O., No. 2079 W., dated 7th September 1885.
				Total Civil Buildings ...					8,86,524		
				COMMUNICATIONS.							
Metalled and bridged roads.	Vizagapatam.	...	134	Road from Potinghi to Korapet ...	2,72,700	...	...	50,000	...	134	G.O., No. 2365 W., dated 10th October 1885. Item No. 112, Class A Works, Budget of 1885-86.
	Do. ...	...	135	New Potinghi ghât. Constructing two bridges on —	4,56,581	4,24,169	5,000	30,000	...	135	G.O., No. 2365 W., dated 10th October 1885.
	Do. ...	...	136	Surveying road from Korapet to Central Provinces.	...	...	...	3,000	...	136	Estimate is awaited.
				Carried forward ...				83,000	8,86,524		

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PART I—CLASS A WORKS—cont.

DETAIL OF THE BUDGET-ESTIMATE FOR ORIGINAL WORKS UNDER PROVINCIAL SERVICES IN MADRAS FOR THE YEAR 1886-87—*cont.*

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay. Actual to end of 1884-85.	Outlay. Probable during 1885-86.	Grant, 1886-87. Amount.	Grant, 1886-87. Total.	Item No.	Remarks and References.
					Rs.	Rs.	Rs.	Rs.	Rs.		
				Brought forward ...	...	...	...	83,000	8,86,524		
				COMMUNICATIONS—*cont.*							
Provincial Services —*cont.*	Nilgiri ...	Coonoor ...	137	Rest-house on the Coonoor ghât ...	7,010	...	...	7,010	...	137	G.O., No. 1284 W., dated 3rd June 1885.
Provincial—*cont.*	Do. ...	...	138	Improving and metalling the road from Ootacamund to Gúdalúr.	2,20,000	1,67,978	32,000	15,000	...	138	G.O., No. 1285 W., dated 23rd May 1884. Item No. 109, Class A Works, Budget of 1885-86.
Metalled and bridged roads—*cont.*	West Coast.	...	139	Improving the road from Calicut to Vayitri.	3,19,788	...	50,000	1,00,000	...	139	G.Os., Nos. 1527 W., dated 1st July 1885, and 2373 W., dated 12th October 1885. Item No. 111, Class A Works, Budget of 1885-86.
	Madura ...	...	140	Completion of the road from Cumbum to the foot of the Gúdalúr Pérmed ghât.	76,948	43,370	11,293	12,285	...	140	G.O., No. 2250 W., dated 28th September 1885. Item No. 110, Class A Works, Budget of 1885-86.
				Total Communications ...	...	...	...	...	2,17,295		
				MISCELLANEOUS PUBLIC IMPROVEMENTS.							
Paving and Streets.	Architect ...	Madras ...	141	Sloping and planting grass on foreshores of the beach.	...	...	...	3,500	...	141	Estimate is awaited.
				Total Miscellaneous Public Improvements.	...	...	...	...	3,500		
				Reserve with Government ...	...	...	...	...	2,76,614		
				Total Original Works ...	...	...	...	...	13,83,933		

GOVERNMENT OF MADRAS.

PART I—CLASS B WORKS.

DETAIL OF THE BUDGET-ESTIMATE FOR ORIGINAL WORKS UNDER PROVINCIAL SERVICES IN MADRAS FOR THE YEAR 1886-87.

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay. Actual to end of 1884-85.	Outlay. Probable during 1885-86.	Amount applied for, 1886-87. Amount.	Amount applied for, 1886-87. Total.	Item No.	Remarks and References.
					Rs.	Rs.	Rs.	Rs.	Rs.		
				CIVIL BUILDINGS.							
				(a) Major Works.							
Provincial Services. Imperial. 12. Administration.	Nellore ...	Gúdúr ...	1	Head Assistant Collector's office	14,622	...	...	6,000	...	1	G.O., No. 336 W., dated 13th February 1885. Item No. 11, Class A Works, Budget of 1885-86.
	Do. ...	Atmakúr ...	2	Deputy Collector's office	...	...	...	5,000	...	2	Estimate is awaited.
	Nílgiri ...	Ootacamund.	3	Additions to Collector's office buildings	...	...	...	10,000	...	3	Do.
	Do. ...	Devála ...	4	House and office for the Head Assistant Collector and Magistrate.	...	...	...	7,000	...	4	Do.
	West Coast.	Calicut ...	5	Sea Customs Assistant Superintendent's office and store sheds.	...	...	...	7,000	...	5	Do.
	Do. ...	Kásaragód.	6	Public offices	...	...	...	20,000	...	6	Do.
	Presidency.	Madras ...	7	Permanent roof to the verandah of the Banqueting Hall, Government House.	...	...	...	12,000	...	7	Estimate is awaited. Item No. 6, Class B Works, Budget of 1885-86.
14. Law and Justice.	Coimbatore.	Karúr ...	8	District Munsif's court	...	...	...	10,000	...	8	Estimate is awaited.
	Negapatam.	Tiruválúr ...	9	Constructing a District Munsif's court	...	...	...	8,000	...	9	Do.
	Madura ...	Paramakudi.	10	Munsif's court	...	...	...	15,000	...	10	Do.
15. Ecclesiastical. Provincial. 16. Jails.	Nílgiri ...	Wellington.	11	Roman Catholic church	...	...	...	7,000	...	11	Estimate is under consideration.
	Do. ...	Ootacamund.	12	Exercise yard for European convicts in the Ootacamund Jail.	...	...	...	5,000	...	12	Estimate is awaited.
	Coimbatore.	Coimbatore.	13	Improvements to the Central Jail	...	...	...	10,000	...	13	Do.
	Presidency.	Madras ...	14	Constructing a guard-room at the entrance to the Penitentiary.	...	...	...	4,380	...	14	Do.
	Do. ...	Do. ...	15	Constructing quarters for the Jail Apothecary in the Penitentiary.	...	...	...	5,000	...	15	Do.
	Madura ...	Madura ...	16	Improving the condemned cells, Civil Debtors' Jail, &c., in the District Jail.	...	...	...	4,285	...	16	Do.
	Nellore ...	Nellore ...	17	Police huts at Moolapett	...	...	...	3,300	...	17	Do.
	Presidency.	Madras ...	18	Marine Police office	...	...	...	3,500	...	18	Do.
	Madura ...	Saptúr ...	19	One second-class police station-house and one head and five constables' huts.	...	...	...	3,700	...	19	Do.
	Do. ...	Iyalore ...	20	Third-class police station-house and one head and four constables' huts.	...	...	...	2,690	...	20	Do.
				(b) Minor Works.							
	Nellore ...	Thettu ...	21	Police huts	...	...	...	1,350	...	21	Do.
				(a) Major Works.							
18. Educational ...	Chingleput.	Saidápet ...	22	Constructing an upper story to the Agricultural College.	18,370	...	...	10,000	...	22	G.O., No. 795 W., dated 31st March 1885.
	Do. ...	Do. ...	23	Improvements to the Government High School ...	...	...	...	3,500	...	23	Estimate is awaited.
	Architect ...	Madras ...	24	Constructing a Civil Engineering College ...	...	...	...	50,000	...	24	Do.
	Do. ...	Do. ...	25	Constructing a school-house for the Madrasa-i-Azam.	...	...	...	10,000	...	25	Do.
	Cuddapah ...	Madanapalle.	26	Sub-divisional office and quarters for the Divisional officer.	...	...	...	3,660	...	26	Do.
20. Miscellaneous ...	Nílgiri ...	Ootacamund.	27	Sub-divisional office including quarters and out-houses.	...	...	...	6,280	...	27	Estimate is under consideration.
	Do. ...	Do. ...	28	Improvements to the Executive Engineer's office ...	...	...	...	5,000	...	28	Estimate is awaited.
	Tanjore ...	Máyavaram.	29	Sub-divisional officer's bungalow, office, and out-houses..	...	...	...	7,040	...	29	Do.

GOVERNMENT OF MADRAS.

PART I—CLASS B WORKS—cont.

DETAIL OF THE BUDGET-ESTIMATE FOR ORIGINAL WORKS UNDER PROVINCIAL SERVICES IN MADRAS FOR THE YEAR 1886-87—*cont.*

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay. Actual to end of 1884-85.	Outlay. Probable during 1885-86.	Amount applied for, 1886-87. Amount.	Amount applied for, 1886-87. Total.	Item No.	Remarks and References.
				CIVIL BUILDINGS—*cont.*							
				(*a*) Major Works—*cont.*							
Provincial Services—*cont*	Negapatam.	Tiruturaipúndi.	30	Sub-divisional officer's bungalow, office, and out-houses.	Rs. ...	Rs. ...	Rs. ...	Rs. 6,900	Rs. ...	30	Estimate is awaited.
Provincial—*cont.* 20. Miscellaneous—*cont.*	Do. ...	Mannárgudi.	31	Do. do. ...	...	...	...	6,560	...	31	Do.
				COMMUNICATIONS.							
Metalled bridges and roads.	Nílgiri ...	Ootacamund.	32	New road on Bombay Castle Hill	...	...	...	11,000	...	32	Do.
Do. ...	West Coast.	...	33	Improving the road from Vayitri to Gúdalúr ...	4,10,000	...	...	75,000	...	33	G.O., No. 2412 W., dated 15th October 1885.
				MISCELLANEOUS PUBLIC IMPROVEMENTS.							
Water-supply ...	Nilgiri ...	Ootacamund.	34	Water-supply	...	...	...	1,13,100	..	34	Estimate is awaited.
	Presidency.	Madras ...	35	Constructing a foot-path along the eastern side of the Napier bridge.	...	...	...	51,050	...	35	Do.
Town buildings ...	Architect ...	Do. ...	36	Extending the dwarf wall up to the Hindu cemetry.	...	...	...	40,000	...	36	Do.
Do. ...	Do. ...	Do. ...	37	Extending the promenade to St. Thomé	...	...	...	15,000	...	37	Do.

GOVERNMENT OF MADRAS.

PART II.

DETAIL OF THE BUDGET-ESTIMATE OF REPAIRS OF PUBLIC WORKS UNDER PROVINCIAL SERVICES IN MADRAS FOR THE YEAR 1886-87.

Head of Classification.	Division.	Locality.	Items.	Estimate, 1886-87. Amount.	Estimate, 1886-87. Total.	Estimate, 1885-86. Amount.	Estimate, 1885-86. Total.
			Civil Buildings.	Rs.	Rs.	Rs.	Rs.
	Ganjam ...	...	Annual Repairs	3,000			
	Vizagapatam.	...	Do.	1,000			
	Godávari Eastern.	...	Do.	5,000			
	Do. Central.	...	Do.				
	Do. Western.	...	Do.	500			
	Kistna Eastern	...	Do.	800			
	Do. Western.	...	Do.	3,000			
	Nellore ...	...	Do.	100			
	Bellary ...	...	Do.	5,000			
	Cuddapah ...	...	Do.	2,000			
	Kurnool ...	...	Do.	1,500			
	Nilgiri ...	...	Do.	1,000			
	Coimbatore ...	...	Do.	35,000			
	West Coast ...	...	Do.	8,000			
	Presidency ...	...	Do.	3,000			
	Chingleput ...	...	Do.	98,000			
	South Arcot...	...	Do.	12,000			
	North Arcot...	...	Do.	3,000			
	Tanjore ...	...	Do.	8,000			
	Negapatam ...	...	Do.	2,500			
	Trichinopoly.	...	Do.	1,500			
	Madura ...	...	Do.	4,100			
	Tinnevelly ...	...	Do.	5,000			
	Architect ...	...	Do.	500			
			Total Civil Buildings.	20,000			
				...	2,23,500	1,35,320	1,35,320
			Communications.				
	Ganjam ...	...	Annual Repairs ...				
	Vizagapatam.	...	Do.	500			
	Godávari Eastern.	...	Do.	12,500			
	Nilgiri ...	...	Do.	10,000			
	Presidency ...	...	Do.	33,000			
			Total Communications.	9,000			
				...	65,000	82,255	82,255
			Miscellaneous Public Improvements.				
	Kistna Eastern.	...	Annual Repairs				
	Nilgiri ...	...	Do.	500			
	Presidency ...	...	Do.	3,000			
	Architect ...	...	Do.	3,000			
			Total Miscellaneous Public Improvements.	5,000			
				...	11,500	6,600	6,600
			Grand Total ...	...	3,00,000	...	2,24,175

GOVERNMENT OF MADRAS.

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PART III.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT UNDER PROVINCIAL SERVICES IN THE MADRAS PRESIDENCY FOR 1886-87.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
		EXECUTIVE BRANCH.	Rs.	Rs.	Rs.	Rs.	Rs.	
		Engineer Establishment.						
		Chief Engineers.						
1	1	Chief Engineer, 1st Class, and Secretary to Government, General, Roads and Buildings Branch.	2,500	2,500				
1	1	Chief Engineer, 2nd Class, and Joint Secretary to Government, Irrigation Branch.	2,000	2,000				
		Military pay and allowances	...	486				
2	2	Total, Chief Engineers ...	...	4,986	59,832	...	59,832	
		Superintending Engineers.						
2	2	Superintending Engineers, 1st Class.	1,600	3,200				
2	2	Superintending Engineers, 2nd Class.	1,350	2,700				
2	2	Superintending Engineers, 3rd Class.	1,100	2,200				
		Military pay and allowances	...	2,206				
6	6	Total, Superintending Engineers.	...	10,306	1,23,672	...	1,21,872	
		Executive Engineers.						
11	11	Executive Engineers, 1st Grade.	950	10,450				
11	11	Executive Engineers, 2nd Grade.	800	8,800				
13	13	Executive Engineers, 3rd Grade.	700	9,100				
6	6	Executive Engineers, 4th Grade.	600	3,600				
		Military pay and allowances, including allowance for a Superintendent of Works and for the increased rate of pay to Mr. Chisholm, Consulting Architect.	...	3,915				
41	41	Total, Executive Engineers.	...	35,865	4,30,380		4,76,292	
5	2	*Add*— Pay of Messrs. Target and Lobb.	950 & 800	1,750	21,000		...	
46	43	Total, Executive Engineers.	...	37,615	4,51,380		...	
		Carried over ...	...	...	6,34,884	...	6,57,996	

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		Brought forward ...	...	...	6,34,884	...	6,57,996	
		EXECUTIVE BRANCH —*cont.*						
		Assistant Engineers.						
32	32	Assistant Engineers, 1st Grade.	500	16,000				
8	8	Assistant Engineers, 2nd Grade.	350	2,800				
40	40	Total, Assistant Engineers.	...	18,800	2,25,600	...	2,27,880	
94	91	Total, Engineer Establishment.	...	...	8,60,484	...	8,85,876	
		Deduct—						
		On account of absentees ... Rs. 50,000						
		Moiety of the pay and allowances of officer in charge, Public Works workshops (300 × 12) 3,600						
				53,600	...	...	53,600	...	54,200	
		Net Total, Engineer Establishment.	...	...	...	8,06,884	8,31,676	
		Upper Subordinate Establishment.						
		Sub-Engineers.						
9	9	Sub-Engineers, 1st Grade...	400	3,600				
9	9	Do. 2nd „ ...	300	2,700				
17	17	Do. 3rd „ ...	250	4,250				
		Military pay and allowances including additional pay sanctioned for Messrs. Ottman and Ellis.	...	515				
35	35	Total, Sub-Engineers ...	...	11,065	1,32,780	...	1,32,480	
		Supervisors.						
22	22	Supervisors, 1st Grade ...	200	4,400				
36	36	Do. 2nd „ ...	150	5,400				
		Military pay and allowances.	...	250				
58	58	Total, Supervisors ...	...	10,050	1,20,600	...	1,19,208	
		Carried over ...	...	...	2,53,380	...	2,51,688	

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GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		Brought forward ...	...	...	2,53,380	...	2,51,688	
		EXECUTIVE BRANCH —*cont.*						
		Upper Subordinate Establishment—*cont.*						
		Overseers.						
33	35	Overseers, 1st Grade ...	100	3,500				
28	28	Do. 2nd „ ...	80	2,240				
31	29	Do. 3rd „ ...	60	1,740				
2	...	Supernumerary Military Overseers—						
		Military pay and allowances.	...	600				
94	92	Total, Overseers ...	...	8,080	96,960	...	97,128	
		Apprentices.						
2	2	Apprentice Overseers ...	51	102				
		Additional remuneration for 2 Apprentice Instructors.	50	100				
2	2	Total, Apprentices ...	...	202	2,424	...	2,424	
		Sub-divisional allowance for 20 Upper Subordinates.	30	600	7,200	...	7,200	
189	187	Total, Upper Subordinates Establishment.	...	...	3,59,964	...	3,58,440	
		Deduct—						
		Pay and allowances of Upper Subordinates chargeable to the workshops (300 + 200 + 200 =) Rs. 700.	...	...	8,400	...	7,800	
189	187	Net Total, Upper Subordinate Establishment.	...	...	3,51,564	...	3,50,640	
		Lower Subordinate Establishment.						
11	12	Sub-Overseers, 1st Grade...	50	600				
8	9	Do. 2nd „ ...	35	315				
8	8	Do. 3rd „ ...	25	200				
27	29	Total, Lower Subordinate Establishment.	...	1,115	13,380	...	12,360	

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		EXECUTIVE BRANCH —*cont.*					...	
		PETTY ESTABLISHMENT.						
1	1	Storekeeper	100	100				
1	1	Do.	50	50				
4	4	Storekeepers	30	120				
9	9	Do.	25	225				
6	6	Do.	20	120				
6	6	Do.	15	90				
1	1	Store Writer	25	25				
7	7	Store Watchers	7	49				
35	35	Store Establishment ...	...	779	9,348	...	9,348	
		Medical Establishment.						
...	1	Hospital Assistant ...	60	60				
2	2	Do. Assistants ...	55	110				
...	1	Do. Assistant ...	40	40				
2	2	Do. Assistants ...	35	70				
3	2	Do. do. ...	25	50				
		Charge allowance 2 at 25, 1 at 15 and 3 at 10.	10, 15, & 25	95				
6	6	Hospital servants 1 at 7, 2 at 6, 2 at 5 and 1 at 4.	4, 5, 6 & 7	33				
13	14	Total, Medical Establishment.	...	458	5,496	...	4,596	
		Telegraph Establishment.						
1	1	Signaller	30	30				
2	2	Signallers	25	50				
4	4	Do.	20	80				
8	8	Do.	15	120				
15	15	Total, Telegraph Establishment.	...	280	3,360	...	3,360	
		Lascars, Sweepers, &c.						
500	500	Lascars	6	3,000				
5	5	Sweepers	2 at 5	22				Includes provisions on account of lascars on Rs. 8 per mensem for the Nilgiri division also for 2 peons 1st class and 6 peons 3rd class attached to the Public Works Secretariat.
1	1	Keeper of the Chepâk Park.	3 at 4					
			35	35				
506	506	Total, Lascars, &c...	...	3,057	36,684	....	36,648	

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		EXECUTIVE BRANCH —*cont.*						
		IRRIGATION CONSERVANCY ESTABLISHMENT.						
		Godávari Delta System.						
1	1	Anicut Superintendent ...	150	150				
1	1	Do. Maistry	18	18				
1	1	Do. do.	15	15				
1	1	Do. do.	12	12				
3	3	Clerks	15	45				
1	1	Shroff	10	10				
3	3	Delta Superintendents ...	80	240				
2	2	Do. do. ...	70	140				
1	1	Do. Superintendent ...	60	60				
9	9	Do. Superintendents ...	55	495				
12	12	Do. do. ...	40	480				
5	5	Superintendents	8	40				
1	1	Peon	6	6				
3	3	Peons	5	15				
39	39	Lascars	6	234				
75	75	Do.	5	375				
158	158	Total, Water Regulation Establishment, Godávari Delta System.	...	2,335				
		Navigation Establishment.						
1	1	Boat Superintendent ...	75	75				
2	2	Lock Superintendents ...	15	30				
16	16	Do. do. ...	12	192				
20	20	Do. do. ...	10	200				
1	1	Do. Superintendent ...	9	9				
11	11	Do. Superintendents ...	8	88				
137	137	Do. do. ...	6	822				
77	77	Do. do. ...	5	385				
265	265	Total, Navigation Establishment, Godávari Delta System.	...	1,801				
		Kistna Delta System.						
		Water Regulation Establishment.						
1	1	Anicut Superintendent ...	120	120				
1	1	Assistant do. ...	40	40				
1	1	Clerk, 5th Class, 1st Grade.	15·20	17½				
		Carried over ...	...	177½	...	...	...	

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		Brought forward ...	...	177½	...	...	...	
		EXECUTIVE BRANCH —*cont.*						
		Irrigation Conservancy Establishment—*cont.*						
		Kistna Delta System—cont.						
		Water Regulation Establishment—cont.						
1	1	Clerk, 5th Class, 2nd Grade.	10·15	12½				
3	3	Delta Superintendents ...	70	210				
5	5	Do. ...	55	275				
6	6	Do. ...	40	240				
18	18	Lascars	8	144				
18	18	Do.	7	126				
30	30	Do.	6	180				
27	27	Do.	5	135				
1	1	Irrigation Clerk, 5th Class, 1st Grade.	15·20	17½				
112	112	Total, Water Regulation Establishment, Kistna District.	...	1517½				
		Navigation Establishment.						
3	3	Lock Superintendents ...	15	45				
8	8	Do. ...	12	96				
11	12	Do. ...	10	120				
15	15	Do. ...	8	120				
17	17	Lascars	7	119				
24	24	Do.	6	144				
27	27	Do.	5	135				
2	2	Traffic Clerks	12	24				
1	1	Boat Clerk, 5th Class, 1st Grade.	15·20	17½				
109	109	Total, Navigation Establishment, Kistna Delta System.	...	820½				
		Pennér Anicut System.						
		Water Regulation Establishment.						
1	1	Delta Superintendent ...	70	70				
1	1	Anicut do. ...	60	60				
1	1	Clerk	15	15				
1	1	Do.	10	10				
		Carried over ...	...	155	...	...	...	

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GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		Brought forward ...	...	155	...	...	...	
		EXECUTIVE BRANCH —*cont.*						
		Irrigation Conservancy Establishment—*cont.*						
		Pennér Anicut System—cont.						
		Water Regulation Establishment—cont.						
1	1	Lascar	7	7				
17	17	Lascars	6	102				
4	4	Do.	5	20				
26	26	Total, Water Regulation Establishment, Pennér Anicut System.	...	284				
		Cauvery Delta System.						
		Water Regulation Establishment.						
1	1	Superintendent	50	50				
1	1	Do.	30	30				
1	1	Do.	25	25				
3	3	Superintendents	20	60				
9	9	Do.	15	135				
1	1	Superintendent	12	12				
3	3	Superintendents	10	30				
1	1	Superintendent	8	8				
8	8	Lascars	7	56				
31	31	Do.	6	186				
83	83	Do.	5	415				
31	31	Do.	4	124				
173	173	Total, Water Regulation Establishment, Cauvery Delta System.	...	1,131				
		Navigation Establishment.						
1	1	Lascar	7	7				
1	1	Do.	5	5				
2	2	Total, Navigation Establishment, Cauvery Delta System.	...	12				

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		EXECUTIVE BRANCH —*cont.*						
		Irrigation Conservancy Establishment —*cont.*						
		Srivaikuntham Anicut System.						
		Water Regulation Establishment.						
2	2	Superintendents						
1	1	Superintendent	30	60				
21	21	Lascars	12	12				
			5	105				
24	24	Total, Water Regulation Establishment, Srivaikuntham Anicut System.	...	177				
		Chembrambakam Tank.						
		Water Regulation Establishment.						
1	1	Superintendent	12	12				
1	1	Do.	10½	10½				
2	2	Lascars	6	12				
5	5	Do.	5	25				
9	9	Total, Water Regulation Establishment, Chembrambakam Tank.	...	59½				
		Madras Water-supply and Irrigation Project.						
1	1	Superintendent	25	25				
1	1	Do.	15	15				
4	4	Lascars	7	28				
2	2	Do.	6	12				
4	4	Do.	5	20				
12	12	Total, Madras Water-supply and Irrigation Project.	...	100				
		Pálár Anicut System.						
		Water Regulation Establishment, Chingleput District.						
1	1	Maistry	20	20				
2	2	Lascars	6	12				
12	12	Do.	4	48				
		Carried over ...	...	80	...	...	...	

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		Brought forward ...	...	80	...	...	...	
		EXECUTIVE BRANCH —*cont.*						
		Irrigation Conservancy Establishment—*cont.*						
		North Arcot District.						
1	1	Superintendent	25	25				
1	1	Do.	15	15				
3	3	Superintendents	12	36				
...	17	Lascars	5	85				
15	...	Do.	4½	...				
35	37	Total, Water Regulation Establishment, Pálár Anicut System.	...	241				
		Pelandorai Anicut System.						
		Water Regulation Establishment.						
1	1	Superintendent	30	30				
1	1	Lascar	8	8				
2	2	Lascars	6	12				
7	7	Do.	5	35				
11	11	Total, Water Regulation Establishment, Pelandorai Anicut System.	...	85				
		Irrigation and Navigation Works for which neither Capital nor Revenue Accounts are kept.						
		Water Regulation Establishment, Ganjam District.						
3	3	Lascars	7	21				
14	14	Do.	4	56				
1	1	Lascar	3½	3½				
18	18	Total, Water Regulation Establishment, Ganjam District.	...	80½				

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		EXECUTIVE BRANCH —*cont.*						
		Irrigation and Navigation Works for which neither Capital nor Revenue Accounts are kept—*cont.*						
		Water Regulation Establishment—cont.						
		North Arcot District.						
1	1	Superintendent	27	27				
2	2	Superintendents	20	40				
1	1	Superintendent ...	12	12				
1	1	Do.	10	10				
5	5	Lascars	6	30				
15	15	Do.	5	75				
25	25	Total, Water Regulation Establishment, North Arcot District.	...	194				
		Coimbatore District.						
1	1	Superintendent	5	5				
4	4	Lascars	2½	10				
5	5	Total, Water Regulation Establishment, Coimbatore District.	...	15				
		Malabar District.						
1	1	Watchman	4	4				
1	1	Do.	3	3				
		Additional amount sanctioned.	...	11½				
2	2	Total, Water Regulation Establishment, Malabar District.	...	18½				
		Tanjore District.						
1	1	Superintendent	50	50				
2	2	Lascars	6	12				
6	6	Do.	5	30				
9	9	Total, Water Regulation Establishment, Tanjore District.	...	92				

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GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		EXECUTIVE BRANCH —*cont.*						
		Irrigation and Navigation Works for which neither Capital nor Revenue Accounts are kept—*cont.*						
		Water Regulation Establishment—cont.						
		Vizagapatam District.						
3	3	Superintendents	12	36				
13	13	Lascars	5	65				
16	16	Total, Water Regulation Establishment, Vizagapatam District.	...	101				
		Godávari District.						
1	1	Lascar	9	9				
1	1	Do.	7	7				
2	2	Total, Water Regulation Establishment, Godávari District.	...	16				
		Chingleput District.						
1	1	Superintendent	10½	10½				
1	1	Lascar	6	6				
1	1	Do.	5	5				
3	3	Total, Water Regulation Establishment, Chingleput District.	...	21½				
		South Arcot District.						
1	1	Superintendent	40	40				
2	2	Superintendents	35	70				
1	1	Superintendent	25	25				
2	2	Do.	20	40				
10	10	Lascars	8	80				
9	9	Do.	6	54				
32	32	Do.	5	160				
57	57	Total, Water Regulation Establishment, South Arcot District.	...	469				

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		EXECUTIVE BRANCH —*cont.*						
		Irrigation and Navigation Works for which neither Capital nor Revenue Accounts are kept—*cont.*						
		Water Regulation Establishment—cont.						
		Trichinopoly District.						
1	1	Superintendent	15	15				
1	1	Do.	12	12				
2	2	Superintendents	10	20				
1	1	Lascar	6	6				
5	5	Lascars	5	25				
18	18	Do.	4	72				
4	4	Do.	3	12				
32	32	Total, Water Regulation Establishment, Trichinopoly District.	...	162				
		Madura District.						
4	4	Lascars	4	16				
4	4	Total, Water Regulation Establishment, Madura District.	...	16				
		Tinnevelly District.						
1	1	Superintendent	45	45				
2	2	Superintendents	35	70				
4	4	Do.	30	120				
8	8	Lascars	8	64				
24	24	Do.	6	144				
25	25	Do.	5	125				
64	64	Total, Water Regulation Establishment, Tinnevelly District.	...	568				
		Navigation Establishment.						
		South Arcot District.						
1	1	Superintendent	15	15				
1	1	Do.	10	10				
		Carried over ...	...	25	...	...	...	

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
		Brought forward ...	Rs. ...	Rs. 25	Rs. ...	Rs. ...	Rs. ...	
		EXECUTIVE BRANCH —*cont.*						
		Navigation Establishment—*cont.*						
		South Arcot District—cont.						
1	1	Lascar	8	8				
7	7	Lascars	5	35				
10	10	Total, Navigation Establishment, South Arcot District.	...	68				
		Agricultural Works, River Conservancy Establishment.						
		Godávari District.						
2	2	Superintendents	15	30				
8	8	Lascars	6	48				
10	10	Total, River Conservancy Establishment, Godávari District.	...	78				
		South Arcot District.						
1	1	Sluice-keeper	8	8				
3	3	Lascars	8	24				
6	6	Do.	5	30				
10	10	Total, River Conservancy Establishment, South Arcot District.	...	62				
		Trichinopoly District.						
2	2	Lascars	7	14				
20	20	Do.	4	80				
4	4	Do.	3	12				
10	10	Do.	2½	25				
36	36	Total, River Conservancy Establishment, Trichinopoly District.	...	131				

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
		EXECUTIVE BRANCH —*cont.*	Rs.	Rs.	Rs.	Rs.	Rs.	
		AGRICULTURAL WORKS. RIVER CONSERVANCY ESTABLISHMENT—*cont.*						
		Tinnevelly District.						
1	1	Lascar	7	7				
4	4	Lascars	2	8				
5	5	Total, River Conservancy Establishment, Tinnevelly District.	...	15				
		CONSERVANCY ESTABLISHMENT, KURNOOL CANAL.						
3	3	Irrigation Superintendents.	65,55&45			165		
4	4	Anicut do.	1 at 25 / 1 at 20 / 2 at 15			75		
10	10	Head Lascars	8			80		
15	15	Do.	7			105		
17	17	Do.	6			102		
13	13	Do.	5			65		
3	3	Lascars for three Irrigation Superintendents.	6			18		
65	65	Total, Irrigation, Kurnool Canal.	...			610		
		Navigation Establishment.						
7	7	Lock Superintendents ...	12			84		
15	15	Do. ...	10			150		
20	20	Do. ...	8			160		
42	42	Total, Navigation Establishment, Kurnool Canal.	...			394		
			...			1,004		
107	107	CONSERVANCY ESTABLISHMENT.						
		Sangam Project.						
1	1	Assist. Superintendent ...	60—80			70		
1	1	Peon do. ...	40—60			50		
1	1	Channel do. ...	40			40		
1	1	Do.	30			30		
1	1	Check	15			15		
		Carried over ...	...			205	...	...

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
		Brought forward ...	Rs. ...	Rs. 205	Rs. ...	Rs. ...	Rs. ...	
		EXECUTIVE BRANCH —*cont.*						
		CONSERVANCY ESTABLISHMENT—*cont.*						
		Sangam Project—cont.						
4	4	Lascars	8	32				
4	4	Do.	7	28				
16	16	Do.	6	96				
29	29	Total, Conservancy Establishment, Sangam Project.	...	361				
		Grand Total, Conservancy Establishment.	...	12,036	1,44,432	...	1,44,588	
		Total, Petty Establishment.	...	...	1,99,320	...	1,98,540	
		OFFICE ESTABLISHMENT.						
		For Chief Engineer and Secretary to Government, Public Works Department.						
1	1	Chief Assistant	600	600				
1	1	Second do.	300	300				
2	2	Clerks, 1st Class, 3rd Grade.	200—250	450				
1	1	Clerk, 2nd „ 1st „	160—200	180				
1	1	Do. 2nd „ 2nd „	120—160	140				
1	1	Do. 2nd „ 3rd „	100—120	110				
4	4	Clerks, 3rd „ 2nd „	60—80	280				
4	5	Do. 3rd „ 3rd „	50—60	275				
3	3	Do. 4th „ 1st „	40—50	135				
3	3	Do. 4th „ 2nd „	30—40	105				
3	3	Do. 4th „ 3rd „	20—30	75				
1	1	Draftsman, Special ...	200—250	225				
2	1	Do. 1st Class ...	50—70	60				
3	3	Attenders	15,13&10	38				
1	1	Muchi	14	14				
1	1	Do.	12	12				
1	1	Press messenger	10	10				
2	1	Duffadar	12	12				
...	1	Head Peon	10	10				
5	5	Peons, 1st Class	8	40				
2	2	Do. 2nd „	7	14				
42	42	Total, Public Works Secretariat Office Establishment.	...	3,085	37,020	...	37,080	

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		EXECUTIVE BRANCH —*cont.*						
		Office Establishment —*cont.*						
		For Chief Engineer and Joint Secretary to Government, Irrigation Branch.						
2	2	Clerk, 1st Class, 3rd Grade.	200—250	450				
1	1	Clerk, 2nd „ 1st „	100—120	110				
1	1	Clerks, 3rd „ 2nd „	80—100	180				
2	2	Do. 3rd „ 2nd „	60— 80	140				
2	2	Clerk, 3rd „ 3rd „	50— 60	55				
1	1	Clerks, 4th „ 1st „	40— 50	135				
3	3	Do. 4th „ 2nd „	30— 40	105				
3	3	Clerk, 4th „ 3rd „	20— 30	25				
1	1	Draftsman, 1st Class	50— 70	60				
1	1	Draftsmen, 2nd „	35— 50	85				
2	2	Do. 3rd „	20— 30	50				
2	2	Reference Picker		15	15			
1	1	Do. do.		12	12			
...	1	Do. do.		8	...			
1	...	Muchi		12	12			
...	1	Do.		10	10			
1	...	Duffadar		8	...			
1	1	Head Peon		8	8			
...	1	Messenger		7	14			
1	2	Messengers		6	...			
2	...	Do.		7	...			
3	3	Lascars			1			
31	31	Total Office Establishment for Chief Engineer for Irrigation.	...	1,495	17,940	...	17,832	
		For Six Superintending Engineers' Offices.						
1	1	Clerk, 2nd Class, 1st Grade.	160—200	180				
1	1	Do. 2nd „ 3rd „	100—120	110				
1	1	Do. 3rd „ 3rd „	50— 60	55				
1	1	Do. 4th „ 1st „	40— 50	45				
1	1	Do. 4th „ 2nd „	30— 40	35				
2	2	Clerks, 4th „ 3rd „	20— 30	50				
1	1	Draftsman (Special)	80—100	90				
1	1	Do. 1st Class	50— 70	60				
1	1	Do. 2nd „	35— 50	42½				
		Carried over ...	...	667½	...	...	...	

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		Brought forward ...	...	667½	...	...	...	
		EXECUTIVE BRANCH —*cont.*						
		Office Establishment —*cont.*						
		For Six Superintending Engineers' Offices—cont.						
1	1	Messenger	8	8				
3	3	Messengers	6	18				
14	14	Total for each office ...	...	693½				
6	6		...	6				
84	84	Do. for six offices ...	...	4,161	49,932	...	49,932	
		For Presidency Division.						
1	1	Clerk, 3rd Class, 2nd Grade.	60—80	70				
1	1	Do. 4th „ 1st „	40—50	45				
2	2	Clerks, 4th „ 2nd „	30—40	70				
3	3	Do. 4th „ 3rd „	20—30	75				
2	2	Do. 5th „ 1st „	15—20	35				
1	1	Cashier (Clerk, 3rd Class, 2nd Grade).	60—80	70				
1	1	Draftsman, 1st Class ...	50—70	60				
1	1	Do. 2nd „ ...	35—50	42½				
3	3	Draftsmen, 3rd „ ...	20—30	75				
1	1	Messenger		7	7			
1	1	Do.		6	6			
17	17	Total, Office Establishment, Presidency Division.	...	555½	6,666	...	6,666	
		For Godávari Eastern Division.						
1	1	Clerk, 3rd Class, 2nd Grade.	60—80	70				
2	2	Clerks, 4th „ 1st „	40—50	90				
1	1	Clerk, 4th „ 2nd „	30—40	35				
1	1	Cashier (Clerk, 4th Class, 2nd Grade).	30—40	35				
3	3	Clerks, 4th Class, 3rd Grade	20—30	75				
1	1	Draftsman, 1st Class ...	50—70	60				
1	1	Do. 3rd „ ...	20—30	25				
1	1	Messenger		7	7			
1	1	Do.		6	6			
12	12	Total, Office Establishment, Godávari Eastern Division.	...	403	4,836	...	4,836	

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		EXECUTIVE BRANCH —*cont.*						
		Office Establishment —*cont.*						
		For Kistna Eastern Division.						
1	1	Clerk, 3rd Class, 2nd Grade.	60—80	70				
1	1	Do. 4th „ 1st „	40—50	45				
1	1	Do. 4th „ 2nd „	30—40	35				
3	3	Clerks, 4th „ 3rd „	20—30	75				
1	1	Cashier (Clerk, 4th Class, 3rd Grade).	20—30	25				
1	1	Draftsman, 1st Class ...	50—70	60				
1	1	Do. 3rd „ ...	20—30	25				
1	1	Messenger	7	7				
1	1	Do.	6	6				
11	11	Total, Office Establishment, Kistna Eastern Division.	...	348	4,176	...	4,176	
		For Eight First-class Divisions. (a)						(a) 1. Godávari Western. 2. Kistna Western. 3. South Arcot. 4. Buckingham Canal. 5. Tanjore. 6. Tinnevelly. 7. Coimbatore. 8. West Coast.
1	1	Clerk, 3rd Class, 2nd Grade.	60—80	70				
1	1	Do. 4th „ 1st „	40—50	45				
1	1	Do. 4th „ 2nd „	30—40	35				
2	2	Clerks, 4th „ 3rd „	20—30	50				
1	1	Draftsman, 1st Class ...	50—70	60				
1	1	Do. 3rd „ ...	20—30	25				
1	1	Messenger	7	7				
1	1	Do.	6	6				
9	9		...	298	...	...	...	
8	8			8				
72	72	Total for eight offices ...	...	2,384	28,608	...	...	
		For Kurnool Division.						
1	1	Clerk, 3rd Class, 2nd Grade.	60—80	70				
...	1	Do. 3rd „ 3rd „	50—60	55				
1	1	Do. 4th „ 1st „	40—50	45				
1	2	Clerks, 4th „ 2nd „	30—40	70				
2	2	Do. 4th „ 3rd „	20—30	50				
1	1	Draftsman, 1st Class ...	50—70	60				
...	1	Do. 2nd „ ...	35—50	42½				
1	1	Do. 3rd „ ...	20—30	25				
		Carried over ...	...	417½	...	...	...	

GOVERNMENT OF MADRAS. 25

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
		Brought forward ...	Rs. ...	Rs. 417½	Rs. 28,608	Rs. ...	Rs. ...	
		EXECUTIVE BRANCH —*cont.*						
		Office Establishment —*cont.*						
		For Kurnool Division. —cont.						
1	2							
1	1	Messengers	7	14				
		Messenger	6	6				
9	13							
		Total, Office Establishment, Kurnool Division.	...	437½	5,250	...	...	
					33,858		32,184	
		*For Seven Second-class Divisions.**						* 1. Nellore. 2. Cuddapah. 3. North Arcot. 4. Chingleput. 5. Trichinopoly. 6. Negapatam. 7. Sangam Project.
1	1							
1	1	Clerk, 3rd Class, 2nd Grade.	60—80	70				
2	2	Do. 4th „ 2nd „	30—40	35				
1	1	Clerks, 4th „ 3rd „	20—30	50				
1	1	Draftsman, 1st Class ...	50—70	60				
1	1	Do. 3rd „ ...	20—30	25				
1	1	Messenger	7	7				
		Do.	6	6				
8	8							
7	7	Total for each office ...	...	253	...	...	...	
			...	7	...	...	...	
56	56			1,771				
1	1	*Add*— Cashier (Clerk, 4th Class, 1st Grade) for Sangam Project Division.	40—50	45				
1	1	Clerk, 4th Class, 3rd Grade.	20—30	25				
58	58	Total for seven offices ...	...	1,841	22,092	...	22,092	
		For Nilgiri Division.						
1	1							
1	1	Clerk, 3rd Class, 1st Grade.	80—100	90				
1	1	Do. 3rd „ 2nd „	60— 80	70				
2	2	Do. 3rd „ 3rd „	50— 60	55				
1	1	Clerks, 4th „ 1st „	40— 50	90				
1	1	Draftsman (Special) ...	100—120	110				
		Do. („) ...	75	75				
		Carried over ...	...	490	...	...	...	

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		Brought forward ...	...	490	...	...	...	
		EXECUTIVE BRANCH —*cont.*						
		OFFICE ESTABLISHMENT —*cont.*						
		For Nilgiri Division—cont.						
1	1	Messenger	9	9				
1	1	Do.	8	8				
9	9	Total, Office Establishment, Nilgiri Division.	...	507	6,084	...	6,084	
		*For Four Third-class Divisions.**						
1	1	Clerk, 3rd Class, 3rd Grade.	50—60	55				* 1. Ganjam. 2. Vizagapatam. 3. Bellary. 4. Madura.
1	1	Do. 4th „ 2nd „	30—40	35				
2	2	Clerks, 4th „ 3rd „	20—30	50				
1	1	Draftsman, 2nd Class ...	35—50	42½				
1	1	Do. 3rd „ ...	20—30	25				
1	1	Messenger	7	7				
1	1	Do.	6	6				
8	8	Total for each office ...	...	220½				
5	4	.....	...	4				
40	32			882				
...	1	*Add*— Clerk, 4th Class, 3rd Grade, for Bellary Division.	20—30	25				
40	33	Total for four offices ...	...	907	10,884	...	13,230	
		Office Establishment for the Consulting Architect to Government.						
1	1	Clerk, 1st Class, 3rd Grade.	200—250	225				
1	1	Do. 4th „ 1st „	40— 50	45				
2	2	Clerks, 4th „ 3rd „	20— 30	50				
1	1	Clerk, 5th „ 1st „	15— 20	17½				
1	1	Draftsman, 1st Class ...	50— 70	60				
1	1	Do. 2nd „ ...	35— 50	42½				
2	2	Draftsmen, 3rd „ ...	20— 30	50				
		Carried over ...	...	490	...	...	...	

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GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		Brought forward ...	...	490	...	...	...	
		EXECUTIVE BRANCH —*cont.*						
		OFFICE ESTABLISHMENT —*cont.*						
		Office Establishment for the Consulting Architect to Government—cont.						
1	1	Messenger	7	7				
1	1	Do.	6	6				
11	11	Total, Office Establishment for Consulting Architect Division.	...	503	6,036	...	6,036	
		For Public Works Stores.						
1	1	Storekeeper	300	300				
1	1	Clerk, 3rd Class, 2nd Grade.	60—80	70				
1	1	Do. 4th „ 2nd „	30—40	35				
1	1	Do. 4th „ 3rd „	20—30	25				
1	1	Messenger	8	8				
2	2	Messengers	7	14				
2	2	Do.	6½	13				
9	9	Total, Office Establishment, Public Works Stores.	...	465	5,580	...	5,580	
		Office (Toll) Establishment, Buckingham Canal.						
1	1	Wharf Superintendent ...	50	50				
2	2	Clerks, 5th Class, 1st Grade.	15—20	35				
2	2	Toll-keepers	15	30				
2	2	Wharf Clerks	17½	35				
1	1	Clerk, 4th Class, 3rd Grade.	20—30	25				
1	1	Assistant Toll-keeper ...	10—15	12½				
...	1	Shroff	8	8				
4	4	Lascars	7	28				
12	12	Do.	6	72				
25	26	Total, Office (Toll) Establishment, Buckingham Canal.	...	295½	3,546	...	3,450	

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		EXECUTIVE BRANCH —*cont.*						
		OFFICE ESTABLISHMENT —*cont.*						
		For Two Project Divisions.						
2	2	Draftsmen, 1st Class ...	50—70	120				
2	2	Do. 2nd " ...	35—50	85				
1	1	Clerk, 4th Class, 2nd Grade.	30—40	35				
1	1	Do. 5th " 1st "	15—20	17½				
1	1	Messenger	7	7				
		Do.	6	6				
8	8	Total for each Project Division office.	...	270½				
...	2		...	2				
16	16	Total for two offices ...	...	541	6,492	...	6,492	
		For Sixty-four Sub-division Offices.						
1	1	Clerk, 4th Class, 3rd Grade.	20—30	25				
1	1	Messenger	6	6				
2	2	Total for each office ...	...	31				
57	64	.....	...	64				
114	128	Total for sixty-four offices.	...	1,984				
		For Two Sub-divisional Offices in Nilgiri Division.						
1	1	Clerk, 4th Class, 2nd Grade.	30—40	35				
1	1	Messenger	9	9				
2	2	Total for each office ...	...	44				
2	2	.....	...	2				
4	4	Total for two Sub-divisional offices.	...	88				
118	132	Total for sixty-six Sub-divisional offices.	...	2,072	24,864	...	22,260	

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GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		EXECUTIVE BRANCH —*cont.*						
		OFFICE ESTABLISHMENT —*cont.*						
		For Seventy-five Detached Officers.						
1	1	Clerk, 4th Class, 3rd Grade.	20—30	25	...	...	...	
1	1	Total for each Detached Officer.	...	25	...	...	...	
82	75	Total for seventy-five Detached Officers.	...	1,875	22,500	...	24,600	
		For Ninety-two Overseers.						
1	1	Clerk, 5th Class, 1st Grade.	15—20	17½	...	...	...	
1	1	Total for each Overseer ...	...	17½	...	...	...	
96	92	Total for 92 Overseers ...	...	1,610	19,320	...	20,160	
		Abstract of Office Establishment.						
42	42	Public Works Department Secretariat.	...	...	37,020	...	37,080	
31	31	Office of Chief Engineer for Irrigation.	...	...	17,940	...	17,832	
84	84	6 Superintending Engineers' Offices.	...	...	49,932	...	49,932	
17	17	Presidency Division Office.	...	...	6,666	...	6,666	
12	12	For Godávari Eastern Division.	...	...	4,836	...	4,836	
11	11	For Kistna Eastern Division.	...	...	4,176	...	4,176	
81	85	9 First-class Divisions including Kurnool.	...	...	33,858	...	32,184	
58	58	7 Second-class Divisions ...	...	...	22,092	...	22,092	
9	9	Nilgiri Division ...	...	...	6,084	...	6,084	
40	33	4 Third-class Divisions ...	...	...	10,884	...	13,230	
11	11	Consulting Architect to Government.	...	...	6,036	...	6,036	
9	9	Public Works Stores ...	...	...	5,580	...	5,580	
25	26	Toll Establishment, Buckingham Canal.	...	...	3,546	...	3,450	
16	16	2 Project Divisions ...	...	...	6,492	...	6,492	
		Carried over ...	...	...	2,15,142	...	2,15,670	

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		Brought forward ...	...	...	2,15,142	...	2,15,670	
		EXECUTIVE BRANCH —*cont.*						
		Office Establishment —*cont.*						
		Abstract of Office Establishment—cont.						
118	132	66 Sub-division Offices ...	...	...	24,864	...	22,260	
82	75	75 Detached Officers ...	...	...	22,500	...	24,600	
96	92	92 Overseers	...	...	19,320	...	20,160	
742	743		...	...	2,81,826	...	2,82,690	
		Temporary Establishment.						
		Engineer	...	...	92,500	...	...	
		Upper Subordinate ...	...	...	90,000	...	...	
		Lower Subordinate ...	...	...	2,500	...	...	
		Petty	...	...	35,000	...	...	
		Office including Account Establishment.	...	...	80,000	...	...	
		Total, Temporary Establishment.	...	...	3,00,000	...	2,50,000	
		Local Allowances.						
		Upper Godávari allowance.	...	45	540	...	...	
		Wynaad allowance ...	...	400	4,800	...	...	
		Potinghy Ghât allowance...	...	600	7,200	...	...	
		Presidency house-rent ...	...	800	9,600	...	...	
		Do. allowance ...	...	800	9,600	...	...	
		Total, Local Allowances ...	...	...	31,740	...	31,740	
		Travelling allowances ...	...	...	...	2,40,000	2,06,000	
		Contingencies inclusive of Postage.						
		Public Works Department Secretariat	Rs. 500					
		Office of Chief Engineer for Irrigation.	150					
		6 Superintending Engineers' Offices.						
		27 Divisional Offices including Public Works Stores.						
		33 Offices at Rs. 100	3,300					
		2 Project Divisions at Rs. 50 each.	100					
			4,050	...	4,050	48,600	48,600	48,600	

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GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		EXECUTIVE BRANCH —*cont.*						
		Abstract of the Foregoing.						
		Engineer Establishment ...	...	...	8,06,884	...	8,31,676	
		Upper Subordinate do. ...	...	...	3,51,564	...	3,50,640	
		Lower do. do. ...	...	...	13,380	...	12,360	
		Petty Establishment ...	...	...	1,99,320	...	1,98,540	
		Office do. ...	...	...	2,81,826	...	2,82,690	
		Temporary do. ...	...	...	3,00,000	...	2,50,000	
		Local allowances	...	...	31,740	...	31,740	
		Total, Salaries ...	...	...	19,84,714	...	19,57,646	
		Travelling allowances ...	...	...	2,40,000	...	2,06,000	
		Contingencies	...	...	48,600	...	48,600	
			...	...	22,73,314	...	22,12,246	
		ACCOUNTS BRANCH.						
1	1	Examiner, 2nd Class ...	1,350	1,350				
...	1	Dy. Examiner, 1st Grade.	550	550				
2	1	Do. 2nd „	500	500				
1	...	Assistant Examiner ...	350	...				
4	3	Total, Examiners ...	...	2,400	28,800	...	31,200	
		Accountants.						
2	2	Accountants, 1st Grade ...	350—450	800				
3	3	Do. 2nd „ ...	250—340	885				
8	8	Do. 3rd „ ...	160—240	1,600				
17	18	Do. 4th „ ...	80—150	2,070				
30	30	Do. 5th „ ...	40— 75	1,725				
60	61	Total, Accountants ...	...	7,080	84,960	...	83,580	
		Office Establishment.						
1	1	Clerk, 2nd Class, 2nd Grade	120—160	140				
1	1	Do. 3rd „ 1st „	80—100	90				
4	4	Clerks, 3rd „ 2nd „	60— 80	280				
7	7	Do. 3rd „ 3rd „	50— 60	385				
6	6	Do. 4th „ 1st „	40— 50	270				
		Carried over ...	...	1,165	...	...	...	

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		Brought forward ...	...	1,165	...	...	...	
		ACCOUNTS BRANCH —*cont.*						
		Office Establishment—cont.						
10	10	Clerks, 4th Class, 2nd Grade	30—40	350				
18	18	Do. 4th „ 3rd „	20—30	450				
16	16	Do. 5th „ 1st „	15—20	280				
2	2	Do. 5th „ 2nd „	10—15	25				
65	65	Total, Clerks ...	...	2,270				
		Menial Servants.						
1	1	Muchi		12				
1	1	Do.		10				
1	1	Do.		8				
1	1	Attender		5				
1	1	Head Messenger		10				
1	1	Messenger		8				
4	4	Messengers		7				
6	6	Do.		6				
2	2	Rollers		5				
18	18	Total, Menial Servants ...	...	127				
83	83	Total, Office Establishment.	...	2,397	28,764	...	28,764	
		Temporary Establishment ...	...	...	1,000	...	1,000	
		Local and Charge Allowances.						
		Presidency house-rent ...	...	500				
		Do. allowance ...	...	1,200				
		Charge allowance for 20 Accountants, 5th Grade.	...	400				
		Total, Local and Charge Allowances.	...	2,100	25,200	...	25,200	

GOVERNMENT OF MADRAS.

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PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1885-86.	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		ACCOUNTS BRANCH —*cont.*						
		Salaries	...	...	1,68,724	...	1,69,744	
		Travelling allowances ...	...	...	3,600	...	3,600	
		Contingencies	...	...	4,800	...	4,800	
		Grand Total ...	...	...	1,77,124	...	1,78,144	
		Deduct—						
		Contributions for four Accountants—						
		Madras Harbour Works ... 1						
		Dowlaishweram Workshops ... 1						
		Coorg 2						
			...	...	7,872	...	2,700	
			...	...	1,69,252	...	1,75,444	
		Abstract.						
		Executive Branch		...	...	22,73,314	...	22,12,246
		Accounts do.		...	...	1,69,252	...	1,75,444
		Grand Total, Public Works Department Establishment.	...	...	24,42,566	...	23,87,690	

GOVERNMENT OF MADRAS.

PART III—concluded.

ABSTRACT OF THE FOREGOING PROVISION FOR ESTABLISHMENT.

Number. 1885-86	Number. 1886-87.	Particulars.	Salary of Office.	Estimate for 1886-87. Per Mensem.	Per Annum.	Total.	Estimate for 1885-86.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		Total Public Works Establishment	...	...	24,42,566	24,42,566	23,87,690	
		Deduct Contributions.						
		Productive Public Works ...	...	...	6,11,316			
		Public Works not classed as Productive.	...	...	6,72,729			
		Protective Works	...	...	46,460			
		Provincial—Public Works not classed as Productive.	...	...	1,60,529			
		Imperial Military	...	...	1,21,786			
		Imperial Civil Buildings, Roads and Services.	...	...	7,000			
		Local Incorporated	...	...	27,650			
		Local Excluded	...	...	30,108			
						16,77,578	15,66,820	
		Balance debitable to Provincial.	...	...	...	7,64,988	8,20,870	

GOVERNMENT OF MADRAS.

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PART IV.

DETAIL OF THE BUDGET-ESTIMATE FOR TOOLS AND PLANT UNDER PROVINCIAL SERVICES IN MADRAS FOR THE YEAR 1886-87.

Division.	Surveying & Mathematical Instruments.	Machinery.	Tools.	Plant.	Office Furniture.	Camp Equipage.	Live Stock.	Repairs and Carriage.	Total, 1886-87.	Estimate, 1885-86.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Ganjam	...	...	...	...	...	...	...	...	600	
Vizagapatam	...	...	...	...	...	...	...	...	5,000	
Godávari Western	...	...	...	...	...	...	...	...	500	
Kistna Eastern	...	...	...	...	...	...	...	...	3,900	
Do. Western	...	...	...	...	...	...	...	...	100	
Gudiváda	...	...	...	...	...	...	...	...	300	
Nellore	...	...	...	...	...	...	...	...	2,300	
Bellary	...	...	...	...	...	...	...	...	1,000	
Cuddapah	...	...	...	...	...	...	...	...	900	
Kurnool	...	...	...	...	...	...	...	...	1,000	
Nílgiri	...	...	...	...	...	...	...	...	4,500	
Coimbatore	...	...	...	...	...	...	...	...	1,500	
West Coast	...	...	...	...	...	...	...	...	1,570	
Presidency	...	...	...	...	...	...	...	...	1,500	
Chingleput	...	...	...	...	...	...	...	...	700	
South Arcot	...	...	...	...	...	...	...	...	2,300	
North Arcot	...	...	...	...	...	...	...	...	800	
Tanjore	...	...	...	...	...	...	...	...	1,000	
Negapatam	...	...	...	...	...	...	...	...	500	
Trichinopoly	...	...	...	...	...	...	...	...	1,000	
Madura	...	...	...	...	...	...	...	...	500	
Tinnevelly	...	...	...	...	...	...	...	...	1,200	
Architect	...	...	...	...	...	...	...	...	500	
General Superintendent, Public Works Stores	...	...	...	...	...	...	...	...	15,000	
Total ...	...	...	...	...	...	...	...	...	48,170	51,115
London Supplies	...	...	...	...	...	...	...	...	56,088	1,00,295
Grand Total ...	...	...	...	...	...	...	...	...	1,04,258	1,51,410

ABSTRACT OF THE FOREGOING PROVISION FOR TOOLS AND PLANT.

	Rs.	Rs.
Total of the details shown above		1,04,258
Distribution of the above—		
Contribution from Imperial Military	5,230	
Do. from Civil Buildings and Roads and Services	3,000	
Public Works not classed as Productive	13,890	
Local Incorporated	266	
Do. Excluded	1,309	
		23,695
Balance to be provided from Provincial		80,563

34

GOVERNMENT OF MADRAS.

PART VI.

ABSTRACT OF THE PROBABLE INCREASE OR DECREASE IN THE SUSPENSE BALANCE FOR 1886-87 AND PROVIDED FOR IN THE ORDINARY PROVINCIAL SERVICES BUDGET-ESTIMATE OF THE YEAR.

—	Stock.	Stock Purchases and Sales.	Miscellaneous Advances.	London Stores.	London Invoices.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Actual balance on 1st April 1885-86.	5,70,941	13,253	44,523	4,297	3,150	6,36,164
Probable charges during 1885-86 ...	10,91,246	1,26,058	1,77,236	53,854	84,172	15,32,566
Total ...	16,62,187	1,39,311	2,21,759	58,151	87,322	21,68,730
Probable credits or issues including sales and cash receipts during 1885-86.	9,00,192	2,39,064	1,84,328	58,151	87,322	14,69,057
Probable balance on 1st April 1886 ...	7,61,995	**99,753**	37,431	...	...	6,99,673
Probable charges during 1886-87 ...	10,19,441	1,44,091	2,43,468	32,371	45,005	14,84,379
Total ...	17,81,436	44,341	2,80,899	32,371	45,005	21,84,052
Probable credits or issues including sales and cash receipts during 1886-87.	10,44,075	1,45,696	2,46,716	32,371	45,005	15,13,863
Probable balance on 31st March 1887.	7,37,361	**101,355**	34,183	...	...	6,70,189
Result of operations of 1886-87—						
Increase	...	...	...	...	...	...
Decrease	24,634	1,602	3,248	...	...	29,484
Net ...	**24,634**	**1,602**	**3,248**	...	...	**29,484**

GOVERNMENT OF MADRAS.

APPENDIX A.

DISTRIBUTION OF THE GRANTS FOR 1886-87 UNDER PROVINCIAL SERVICES ARRANGED BY DEPARTMENTS AND OBJECTS OF WORKS.

—	Major Original Works.	Minor Works.	Repairs.	Total.	Establishment.	Tools and Plant.	Stock and Suspense.	Total, 1886-87.	Estimate, 1885-86.
CIVIL BUILDINGS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Provincial Services (Imperial).									
Administration ...	3,71,719								
Minor Departments ...	2,850								
Law and Justice ...	26,284								
Ecclesiastical	5,641								
Provincial Services (Provincial).									
Jails	58,674								
Police	81,609	16,398							
Educational	43,745								
Medical	47,141								
Miscellaneous	1,48,043	14,420							
Total Civil Buildings.	8,55,706	30,818	2,23,500	11,10,024					
COMMUNICATIONS									
Metalled and bridged roads	2,17,295	...	65,000	2,82,295					
Total Communications.	2,17,295	...	65,500	2,82,295					
MISCELLANEOUS PUBLIC IMPROVEMENTS.									
Paving and Streets ...	3,500	...	11,500	15,000					
Total ...	3,500	...	11,500	15,000					
Reserve with Government	2,76,614	...	...	2,76,614					
Grand Total ...	13,53,115	30,818	3,00,000	16,83,933	7,64,988	80,563	29,484	25,00,000	19,26,296

GOVERNMENT OF MADRAS.

APPENDIX D.

ESTIMATED AMOUNT OF RECEIPTS AND CHARGES OF THE GENERAL BRANCH, PUBLIC WORKS DEPARTMENT, MADRAS, FOR THE YEARS 1885-86 AND 1886-87.

Accounts.	Budget Estimate.	Revised Estimate.
	Rs.	Rs.
To Balance at commencement of the year—		
Cash in departmental treasuries	56,838	37,580
„ Civil Department—		
Remittances from Civil to Public Works Department	...	...
Cheques of Public Works officers	83,60,255	92,40,972
„ Items adjustable by Civil Department—		
Excluded Local Fund Receipts	54	42
Subscriptions to Service Funds	11,342	13,968
Do. to General Family Pension Funds	2,616	3,354
Do. to Hindu Annuity Fund	...	...
Gain by Exchange	19,150	59,748
Miscellaneous	52,388	16,654
„ Items adjustable by Public Works Department—		
Payments for land for public works	1,99,990	70,552
Supplies from Forest Department	7,546	4,838
Transfers, Miscellaneous	3,79,141	1,38,410
„ Guaranteed Railways as per schedules	...	...
„ Central Adjusting Account	20,632	13,114
„ Telegraph Department (as per Schedule A)	286	70
„ Transfers of the Public Works Department—		
Divisional	7,01,434	6,65,244
Buildings and Roads	10,822	4,244
Irrigation	62,83,044	3,99,146
State Railways	22,421	864
„ London Account—		
Stores	6,76,222	3,18,664
Miscellaneous	12,511	2,400
„ Incorporated Local Fund Receipts	6,000	6,000
„ Provincial Revenue Receipts	80,000	80,000
„ Imperial Revenue Receipts—		
Military Works	30,000	30,000
Civil Buildings, Roads and Services	...	...
„ Suspense Accounts not affecting the Budget Grant—		
Deposits	4,03,777	2,39,062
Barrack supplies	...	...
Total ...	1,73,36,469	1,13,44,926

Accounts.	Budget Estimate.	Revised Estimate.
	Rs.	Rs.
By Civil Department—		
Remittances to Civil from Public Works Department	...	...
Payments into treasuries by officers of the Public Works Department	5,43,697	5,96,382
„ Items adjustable by Civil Department—		
Excluded Local Fund Expenditure	50,968	41,266
Expenditure against Local Loans	...	...
Famine Relief	...	...
Supplies to Forest Department	...	...
Miscellaneous	2,38,715	7,52,262
„ Items adjustable by Public Works Department—		
Other Public Works revenue realized in the Civil Department	1,29,410	45,518
Miscellaneous Receipts of Public Works realized in the Civil Department.	15,099	43,097
Contributions in aid of Public Works	16,375	18,222
Transfers, Miscellaneous	1,541	2,888
„ Guaranteed Railways	...	...
„ Central Adjusting Account	57,035	17,744
„ Telegraph Department (as per Schedule D)	20,809	160
„ Transfers of the Public Works Department—		
Divisional	6,70,014	6,98,246
Buildings and Roads	7,069	744
Irrigation	1,15,61,177	57,82,452
State Railways	1,59,237	1,18,470
State outlay on Guaranteed Railways	99,361	95,956
„ Incorporated Local Fund expenditure	1,39,270	1,55,029
„ Expenditure against Provincial Budget Grant	25,00,000	19,26,296
„ Expenditure against Imperial Budget Grant—		
Military Works	6,50,000	4,50,000
Civil Buildings, Roads and Services	30,300	74,338
„ Suspense Accounts not affecting Budget Grant—		
Deposits	4,14,603	4,69,018
Barrack supplies	48,789	56,838
„ Balance	...	...
Total ...	1,73,36,469	1,13,44,926

GOVERNMENT OF MADRAS.

APPENDIX E.

STATEMENT SHOWING THE APPROXIMATE PERCENTAGE WHICH THE CHARGES FO ESTABLISHMENT BEAR TO EXPENDITURE ON WORKS.

MADRAS PUBLIC WORKS, 1886-87.

Service.	Class.	New Works.	Repairs.	Total Outlay.	Establishment.	Percentage on Outlay.	Remarks.
		Rs.	Rs.	Rs.	Rs.		
Imperial ...	Military	2,51,616	2,71,368	5,22,984	1,21,786		
	Civil Buildings ...	20,300	10,000	30,300	7,000		
	Miscellaneous Public Improvements.	...	...	...	...		
	Barrack	...	...	...	...		
	Total ...	2,71,916	2,81,368	5,53,284	1,28,786	23·3	
Provincial ...	Civil Buildings ...	11,63,138	2,23,500	13,86,638	...		
	Communications ...	2,17,295	65,000	2,82,295	...		
	Miscellaneous Public Improvements.	3,500	11,500	15,000	...		
	Total ...	13,83,933	3,00,000	16,83,933	7,64,988	45·4	
Incorporated Local Funds.	Civil Buildings ...	...	...	...	...		
	Communications ...	20,461	20,850	41,311	...		
	Miscellaneous Public Improvements.	...	...	...	...		
	Total ...	20,461	20,850	41,311	27,650	66·9	
Excluded Local Funds.	Civil Buildings ...	...	...	...	...		
	Communications ...	...	...	...	...		
	Miscellaneous Public Improvements.	1,30,903	...	1,30,903	30,108	23·0	
Imperial Productive Works.	.....	13,35,134	4,60,398	17,95,532	6,11,316	34·0	
Public Works not classed as Productive.	.....	5,15,779	13,15,953	18,31,732	6,72,729	36·7	
Imperial Protective Works.	.....	3,70,000	...	3,70,000	46,460	12·5	
Provincial Public Works not classed as Productive.	.....	1,83,513	1,15,134	2,98,647	1,60,529	53·7	
	Grand Total ...	...	...	67,05,342	24,42,566	36·4	

30th December 1885, No. 3094 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following papers:—

From the Superintending Engineer, I Circle, dated 7th November 1885, No. 300 G.L.
" " " II " " 20th October 1885, " ———.
" " " III " " 30th September " " ———.
" " " IV " " 6th October " " 403 E.
" " " V " " 5th " " " 2868.
" " " V " " 5th " " " 2869.
" " " V " " 5th " " " 2878.
" " " VI " " 11th November " " 3424.
" " " " " 25th September " " 1030 T.J.
" Consulting Architect to Government, " 8th October " " 1000.
" Examiner, Public Works Accounts, " 7th December " " 723.
" " " " 9th " " " 727.
" " " " 14th " " " 739.
" Chief Engineer for Irrigation, " 19th " " " 332.
" Private Secretary to His Excellency the Governor, dated 8th September 1885, No. 44.
" Proceedings of Government, Financial Department, dated 10th December 1885, No. 1602.

Order—dated 30th December 1885, No. 3094 W., Public Works.

The following is the assignment made by the Financial Department for expenditure on Provincial Public Works during 1886-87:—

	Rs.
Civil Buildings, Roads and Services	25,00,000
Irrigation and Navigation	4,65,500
Railways	34,500
Total ...	30,00,000

2. The assignments under "Irrigation and Navigation" and "Railways" will be dealt with separately in the Irrigation and Railway branches of the department.

3. The sum of Rs. 25,00,000 assigned for Civil Buildings, Roads and Services has been distributed as shown below:—

Original Works.

	Rs.
Civil Buildings	8,86,524
Communications	2,17,295
Miscellaneous Public Improvements	3,500
Reserve with the Government including grant for minor works ...	2,76,614
Total ...	13,83,933

Repairs.

		RS.
Civil Buildings	2,23,500	
Communications	65,000	
Miscellaneous Public Improvements	11,500	
		3,00,000
Establishment		7,64,988
Tools and Plant		80,563
Stock and Suspense		**—29,484**
	Total ...	25,00,000

4. The selection of the works under class A, and the amounts of appropriations for them, have been decided in accordance with the arrangements sanctioned in G.O., No. 2856 W., dated 11th October 1883. The works under class B are those brought forward by Superintending Engineers, but for which funds cannot be provided.

5. The Superintending Engineers concerned will submit, without loss of time, plans and estimates for those unsanctioned works for which provision has been made during the year.

6. The grants for minor original works and repairs will be held at the disposal of the Government, and will be appropriated on receipt of detailed proposals from Superintending Engineers and the Consulting Architect.

7. The budget estimate of revenue for 1885-86 amounted to Rs. 1,00,000, but the revised estimate has been fixed at Rs. 80,000 in consequence of a large reduction in the receipts from the Presidency Workshops owing to the restriction of its operations.

8. The budget estimate of expenditure for 1885-86 was Rs. 23,00,000, but, owing to financial pressure, a sum of Rs. 3,11,053 was surrendered to the Financial Department, and the revised estimate has thus been reduced to Rs. 19,26,296.

9. With these remarks the preliminary issue of the Provincial Budget Estimate for 1886-87 will be printed and circulated for the information and guidance of the officers of the department, and four copies forwarded to the Government of India for information.

(Here enter No. 3095 W., dated 30th December 1885.)

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Consulting Architect to Government.
" Examiner, Public Works Accounts.
" Chief Engineer for Irrigation.
" Consulting Engineer for Railways.
" Financial Department.
" Judicial "
" Revenue "
" Educational "
" Public "
" Ecclesiastical "
"

Exd. J. W. Fischer.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1885} Madras.

PUBLIC WORKS.

Dated December, 30th.

Recd. *Encl.*

G.O., 30th Dec. 1885, No. 3094 W.

DECEMBER.

Provincial Budget Estimate for 1886-87

Orders circulating the preliminary issue of the —.

911

Dev — 39

In this case the Judicial Department that the plans & estimates should have been submitted to them in the first instance, & that the Board will adopt this course in future.

This only confirms the order about to be issued in regard to submission of plans & estimates for Civil Buildings.

Noted. CL 1.2.84

VS 2.2.84

Inspection Notes of the Supg Engr VII Circle

Abstract (with extracts)

12th June 85

Proceeded on 30th July

Spiritu-nopoly District

Remark	District Jail — Bricks
I have lately had opportunity to inspect this work, in company with the Supg Engr and was disappointed to find that so little progress had been made	were being made & carted to the District Jail + + I regret that but little progress has been made in clearing the site and removing the bed-rock and the rocky boulders that project in the New Jail Compound; too much reliance has been placed on the Convicts doing this + + +
It is to be hoped that more of the foundations will be got in during the next two months.	It must be done with free labor as soon as practicable + + Foundation to be soon laid down from stone obtained from this source & from that quarried on the
The bricks which have been collected at site do not appear of the best-class.	

1146 W 14-5-85-
2134 W 29-5-84-

No 1305 C dy 30-7-85

Inspection Notes of the Sup^g Eng^r 6th Circle 42

12th June 85- Trichinopoly District Jail-

- Bricks are being made and carted to the Jail, there are now about 4 lacs on the work and I think we shall get at least 10 lacs by the end of August-

I regret that but little progress has been made in clearing the site and removing the heads of Rock and the Rocky boulders that exist in the new Jail Compound; too much reliance has been placed on the Convicts doing this; as the working parties

Given

Chepauk
30th July 85

No 1305 C

Remarks

I have lately had opportunity to inspect this work, in company with the Superintending Engineer, and was disappointed to find that so little progress had been made-

It is to be hoped that more of the foundations will be got in during the next two months.

The bricks which have been collected at site do not appear of the best class.

K. 31/7

quarries are so small,
this work must be pressed
on with free labor and
Completed as soon as
practicable.

We shall get a large
quantity of stone from this
it, together with that
quarried at the Golden Rock,
should be built-in as
soon as possible for foun-
dations, and say 1 ft½ of
basement of the Compound
wall and Jail Buildings.

As it is very important
that all foundations and
basement should have
some little time to settle,
the Exp. Engineer is requested
to Commence building as
soon as possible and get
in as much foundation
work

work as practicable before
the Monsoon. 13

If the stone is quar-
ried without delay there
is no reason why the whole
of the foundations of the
Compound wall and some
of the buildings should
not be laid during the
next 3 months.

Central Jail.

The Jail Deptt has
sanction for a surveyor
to take levels with regard
to the water Supply &c, &
there have been and are
difficulties in getting a
Competant man owing
to the great demand now
for this class of men.
Besides this, this Deptt
is ordered to prepare
a

a Scheme of drainage
for the Jail - there is
an old Plan with levels
but it cannot be trusted -
What we require to lay
out the drainage Scheme
is from the reduced
levels to be laid down
on the Jail Plan of the
following -

Basement or flooring
of all buildings.

Ground level at inter-
vals, say of about 50 ft
of all roads, the sides of
all Yards, and the Centre
of each Yard - the sides
and bottoms of all
built drains and outlets
also culverts - the

parapets, bottom of
staining and bottom of
all wells.

Outside the Jail,
the levels of all the
drains & culverts should
be recorded for say
150 ft beyond the walls -

In each Yard or
division of the Jail there
should be good Bench
Mark, the value recorded
to the 100th part of a foot
but all other levels should
be recorded only to 1/10 of
a foot -

As pointed out by
the Executive Engineer,
the present bad drainage
is chiefly due to the
very small size of the
outlets in the Jail wall
and

and to the want of good main drains.

The Ex. Engineer is requested to have these levels taken as soon as practicable.

W M Reid Lt Col RE
Supt Executive Engineer 6th Circle.

12th June 1885

I understand that these levels have been taken, and that the drainage scheme will shortly be submitted.

J Mans Wood
27-7-85 Col. RE
Chief Engineer
P W Dept

To the S. E. VI. Circle.
to be returned

Noted & returned.

W M Reid Col RE
Supt engineer 6th C.
7/8/85.

L.C. No 21344 29.8.84,
" " 1146 W d/ 14.5.85

~~No 299 Estt/ July 1885~~

Recorded.

Seen Dff.
1.7.85

C
No. 1406 Cdf. 24th August 1885

Recorded.

~~No 299 Estt/ July 1885~~

10.9.85

Dff

21/9

Inspection Notes
for the 12th June 1885

CB

7298
Bde 203

(5) 8.E.474. JC/85

SURVEY OF INDIA
31 AUG 85
EXAMINED

Known.

The Supt Engineer
6th Circle

To: The Chief Engineer
P. W. D.

Dated 12th June 1885

Seen
19/8/85

SECUNDERABAD
10 AUG 1885
EXAMINED

Inspection Notes of the Superintending
Engineer 6th Circle for 20th August 85.

46

Trichinopoly Jail.

I regret to say that
not much progress has
been made with the
quarrying and removal
of the Rock in the Compound,
there has been delay
in consequence of the non-
receipt of fuse & tubes —
I trust this will not occur
again as this Rock must
be taken out and it is
wanted for the foundations
of the Centre wall - I much
fear that we shall not
be able to have the foun-
dations

See 1406. C. 8241/85
put up.

foundations all down before the North East Doorcase as even now there is but little stone for building.

The wall is 14½' high on a basement of 2 feet, it is to be built of Brick on rough stone foundations to top of foundations or bottom of basement is to be made 1 foot above the average level of the Ground. I regret to say the bad bricks brought to the work have not been, as ordered, removed yet, a portion only have been taken away. There must be no further delay in this

and as bricks will not be required until the rough stone foundations are down, it can be done before building is begun. The Executive Engineer must see to this particularly.

Nothing has, as yet, been laid down as regards the level of basement of the main buildings and until this is done it is difficult to judge how much Rock should be removed; the Executive Engineer is requested to have the foundations up to bottom of basement of the main blocks put down at their Corners.

It is hoped that a push will now be made

work with the removal
of the Rock and that all
the foundations of the wall
and Piers of the main
buildings will be laid or
nearly so before the 10th ult
October 185.

W. Sims Col RE
Supty Engineer 6z Circle.
20z August 185
Trichinopoly

To. Chief Engineer
Madras

№ 1406 Cy 24/8/85
– 1305 Cy 30/7/85
B.G.O. № 1146 Wy 14/8/85
– 2134 Wy 29/8/84

From Secy 7392

The Supty Engineer
6th Circle

To

The Chief Engineer
P.W.D

№ 1525 Cy/19 9-85

Dated 20
Despd 21 } August 1885
Recd 24

Pathcy – 1305 C – 30-7-85 –
DF
24-8-85 –

Inspection Notes
of the Superintending
Engineer 6th Circle on
Trichinopoly Sub.

Submitted to Govt

CS.

Note Dismal Secy 25-8-85

№ 1525 Cy/19 Dy Supty 85

Recorded.

15-4-85

Regd. 12/9
Secy 27/8/85 R. 18-9-85

9290 48

DW

Inspection notes
of the Superintending
Engineer 6th Circle on
Trichinopoly Sub.

Any remarks
that seem necessary
are made in the
margin in pencil
in the first instance.

When remarks
have been noted, the papers
is "Recorded" after
personal reference.

DW
26-10-85

49
Notes of the Superintend
Circle on Trichin

Inspection Notes of the Superintend-
-ing Engineer VI Circle on Trichino-
-poly Jail work - Trichinopoly Dt.
21st October 185

Foundations of
North and East walls com-
-pleted, but nothing yet
done to the west side; this
is in consequence of the
slow progress made in the
quarrying and removal
of the Rock in the com-
-pound; the progress the
last 2 months has not
been satisfactory.

In notes of Inspection
dated 20th August 85 or-
-ders were given to make
the top of foundations or
bottom of basement 1ft
above average level of
the ground. This has
not

not been attended to, Es-
pecially on the East side
which requires raising
at least 1 foot.
Again there must be
no delay in putting
down the foundations
and basements of the
corners of the different
buildings and arrang-
ing their floor levels;
it is hoped that it will
be found practicable
to make the top of base-
ment of Each build-
ing on the same
level.

To facilitate
good drainage where
the buildings cross hol-
lows, drains 1½ feet
square of stone on Chunam

are to be built with the
top of the covering stones
not less than 6 inches be-
low floor level, not more
than 2 or 3 of them will
be necessary, but the
best sites are to be determin-
ed when the floor levels are
settled.

The outlet of the
main drain has been
built without the iron
bars being placed in
it, it was, I am told,
intended to fasten the
gratings on afterwards
outside the masonry;
this portion of masonry
had better be removed
and the iron bars properly
built in; these must be
durable gratings; the
bars

bar must not be less than 1 inch iron and inserted at least 4 inches into the granite stones there must also be a cross bar of flat iron in the center properly secured into the sides the upright irons passing through holes cut in it.

Most of the bad bricks have been removed, but there are still some to be taken away, there must be no further delay in this.

It is hoped that Lt Talvey will be able to make arrangements to get the necessary stones to

to complete all the foundations of the wall and all the buildings quarried soon; it ought to have been completed 6 months ago.

It is hoped that all the cropping out to a height Exceeding 2½ ft below floor level of buildings will be removed. There still remain many objectionable Rocks.

The foundations of the Wall and buildings Should be built as fast as the stone can be quarried and if wished the brick work of the North wall can be commenced; it should not, however, be

built

built faster than 3 ft
in height a month.

Wm Kelly C.E.R.E.

Superintending Eng.
6th Circle

Trichinopoly
22nd October 1853

No. 1809 Cap 10-Nov-85

Recorded

6-1-85

From,

The Supt Engineer

6th Circle

To.

The Chief Engineer

P. W. D

Dated 22nd } Oct 2/85

Recd 26

No. 1525 Cap 19-9-85
" 1406 Cap 24-8-85
" 1305 Cap 30-7-85
" B 114 6 Way 4-5-85
" A 2134 Way 29-8-84

No. 1809 Cap 10-Nov-85

Inspection Notes

for the 21st October

1885.

Inspection Notes of the Superintending Engineer 6th Circle. for 10th November/85

10th Nov 85 — Trichinopoly Jail —

But little progress since last inspection and I regret to find that again all the dynamite in store has been used & blasting has been stopped from a fortnight in consequence. a further supply has been telegraphed for. The Executive Engineer must see that this does not occur again, there is a large quantity of objectionable Rock to be quarried and a large quantity of Rough Stone required for the foundations of the outer wall

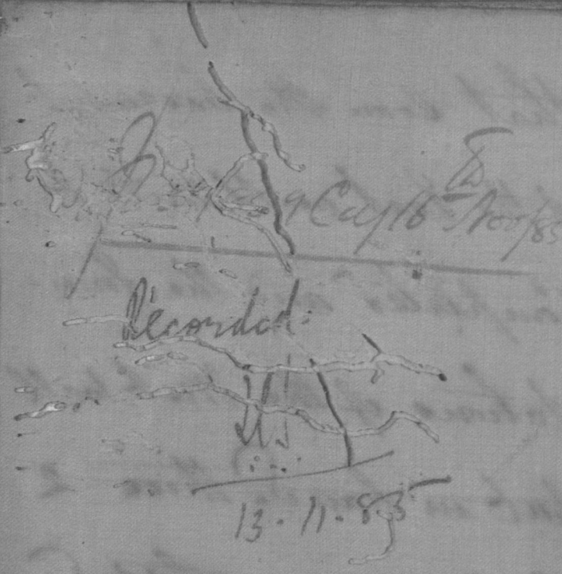
wall and the buildings -
all this stone must be
quarried as soon as
possible; much time
has been lost; it is hoped
that now there will be
no further delay or
stoppage in the work
of Collecting stone - A
statement should be
prepared showing the
total quantity of stone
required for these foun-
-dations and arrangements
made to quarry it -

Brickwork to the
North wall such Commenced,
this should be Carried on
steadily and it is hoped
that

that soon the basement
of the East wall will be
Completed and the foun-
-dations of the West wall
put in hand - these 2
last are now stopped
from want of dynamite
to blast stone with -

W. Moore Col. RE
Supt'g Engineer & Cir

Supt'g Engineer's Office
6th Circle
Peshawur 10th November 83



Rec 9790

To,

The Supt engineer

6th Circle

To,

The Chief Engineer

P. W. D.

10 NOV 85

Dated 10th November 85

No 1809 Cap 10-11-85
" 1525 Cap 19-9-85
" 1406 Cap 24-9-85
" 1305 Cap 30-7-85
Co. 3/1146 Capt - 5-85

No 1859 Cap 16-11-85

Inspection Notes

for the 10th November

1885.

12/11/85

55

Inspection Notes of the Superintending Engineer 6th Circle, on Trichinopoly Jail January 1886.

5th Wall on North & West side being raised, and foundation for the South side in progress.

With the Executive Engineer Settled the height of basement of the different buildings: there is still a larger quantity of stone required for the building, and also it is advisable that it should be taken out.

The cost of this quarrying has been

glad to say, been much
reduced, as also the rate
for building. Owing
to the change of Site
and the Rock quar
-rying, there will be
an Excess but probably
it will be more than
covered by savings
in other Items

W. Adam C.E.R.R.

Supty Engineer
6th Circle

Supty Engineer's Office 6th Circ
Sprichinopoly 14-1-86

Recorded in
Contravention of Rule
1859 C dy 16th Nov
1885

Le
18/1/86

Ex. 1-15

Enow.

The Supt Engineer
6 Circle.

&c,

The Chief Engineer
P. W. D

Dated 31st January 86.

Ex. 158 Nr. 20-1-86.

Inspection Notes
for the 5th January 86.

Ex 3/2

Withdrawn

Inspection Notes of the Supg
Engr VI Circle for 23rd Febry 86.

Abstract.

23rd February 86.

Lunatic Asylum Jail

— Some progress made
— grant of Rs 29000 in
last Budget for the work
too little — the total
estimate being 1,24,080, &
the expenditure to the
end of this official year
Rs 39,250, work for a
balance of Rs 64,560 will
be left to be done after
1st April 1887. "If funds
were given there would
be no difficulty in Com-
-pleting the Jail by
say, June 1887."
Arrangements made
with the Contractor
for bricks will have
to be altered & perhaps
Compensation paid.

There is no prospect
at present of its
being possible to
increase the allot-
-ment for 1886-87.

Inspection Notes of Supt.g Engineer 6th Circle for 23rd February 86.

23rd February 86 — Trichinopoly Jail.

Jail wall raised about 9 ft.s throughout, the Corners of the different blocks have been built and the height of basement &c determined.

The Rock in the site is being slowly quarried, the number of Convicts sent for the work by the Jail Dept.t is but few.

I regret that a grant of only Rs 20000 for this Jail, has been given in the Budget as it is too little to enable the work to be pressed on to Completion.

The

+ + It is thought that the water wall should be completed throughout, that all the stone required for the foundations of the building should be quarried and if practicable that all stone foundations should be built; any balance left should be expended in completing one or more blocks of buildings probably the Association Wards should be first completed.

Approved
10/ J.S.S
W

Sd/ J.R.McC.
Supt.g Engr
VI Circle

Ep. B
158 Wapro - 1 - 86
A. 3094 Wa 30-12-85.
No. 1857 Ca 16-11-85
1809 Ca 10-11-85
1525 Ca 12-9-85
1406 Ca 24-8-85
1305 Ca 30-7-85
Ep. A. 2134 Wa 29-8-85

To The Supg Engr
VI Circle Trichy
Dest & returned
Dessn 21.3.86

Ep. 573

The total Estimate is
Rs 124,080, the Expenditure
to the end of this official
year will be Rs 39,520,
the grant therefore of Rs
20,000 will leave a balance
of Rs 64,560 to be done
after 1st April 1887. If
funds were given there would
be no difficulty in Completing
the Jail by say June 1887.
One of the difficulties with
regard to the work was bricks,
and arrangements were made
for their preparation as
however the grant is so
small these arrange-
ments will have to be
altered and probably Com-
pensation paid to the
Contractor who had

Chepauk
2nd March/86

No 836C

There is no prospect at present of its being possible to increase the allotment for 1886-87.

Expended a large sum in plant &c. Before this is done the Executive Engineer is requested to send in proposals for the utilization of the grant of Rs 20,000 given.

It is thought that the outer wall should be Completed throughout, that all the stone required for the foundations of the buildings should be quarried, and if practicable that all these foundations should be built; any balance left should be expended in Completing one or more blocks of buildings probably the association wards should be first Completed.

Approved.
Mens Stewart
Colr Rs
Chief Engineer & Secy to Govt PWD
26.2.86

Supdg Engr to Office
To the Supdg Engr VII Circle
24th February 1887.
for note and return.

WR Mens Colr Rs &c
Supdg Engr 1st Circle

No 826 Cal 2-3-86
No 1158 Wal 29-1-86
" 3094 Wal 30-12-85
No 1859 Cal 16-11-85
" 1809 Cal 10-11-85
" 1525 Cal 19-9-85
" 1406 Cal 24-8-85
" 1305 Cal 30-7-85
No 2134 Wal 24-8-84

No 1038 Cal 15 March 86

Recorded

12/3/86

12-3-86

Returned to the Chief Engineer P. W. D., the remarks having been entered in this office copy of the Notes.

Col RE

Superintending Engineer

Trichy 10 3-86

C. 1155. T.

Rec'd 1 MAR 1886

SUPERINTENDING ENGINEER 6 MAR 86 S.W.C. CIRCLE

25 FEB 86 MILITARY DEPARTMENT

From

The Supt. Engineer

Trichinopoly

To.

The Chief Engineer

P. W. D.

No 1038 Cal 10-3-86

Dated 24th February 1886

Inspection Notes for the 23rd February 1886

Returned 12/3/86 with remarks

EXECUTIVE ENGINEER'S OFFICE 6 MAR 1886 TRICHINOPOLY

No 60

Pl

Madras 2nd March 1886

From

A. R. Grimes Esq

Inspector General Coy Jails

To

The Chief Secretary to Government

Fort St. George

Sir

I have the honor to report that no provision has been made for a Hospital to the new District Jail now being built at Trichinopoly.

2. The plans and Estimates were sanctioned some considerable time ago during Colonel Tennants tenure of office and I presume that it must have been intended to admit the sick prisoners of the District Jail into the Central Jail Hospital but as that building has not accommodation for more than its own requirements

Enc: 1 Revised site plan of new District Jail, Trichinopoly

it is very undesirable to overcrowd it with district jail patients. As Government may be aware the new district Jail and the cellular prison at Trichinopoly are to be contiguous and Dr O'Hara has selected a site for the Hospital in the enclosure of the cellular prison, but I am of opinion that it is most undesirable to have a hospital situated any where in proximity to the cellular prison, the surroundings of which should be kept completely secluded, I have therefore suggested that (1) the Hospital should be placed where it is at present intended to put the Quarantine cells and these latter buildings should not (2) be in the Jail enclosure at all, but outside the Jail, so that persons occupying them will be entirely segregated from the other prisoners. Dr O'Hara agrees with me on this point. I would therefore request

that orders may be issued in the Department of Public Works for a Hospital to be provided at the new district Jail at Trichinopoly on the site on which it was intended to build the Quarantine cells that it should be on the same plan in all particulars as the Hospital provided at the new Jail at Tanjore and that the Quarantine buildings which should include a Kitchen, Latrine, bathing cistern &c be placed outside the jail on the site on which the existing Camp jail is at present.

3. I forward a plan of the new district jail and cellular prison on which I have marked the position of the Hospital and the Quarantine enclosure

I have the honor to be
Sir
Your most Obedient Servant

Henry Rhymes.
Inspector General of Jails.

pub — 5-12-85 : 3317 m
— 16-9-84 : 2262 h
— 25-1-84 : 2258 f.

CURRENT NO. 897

JUDICIAL. Dec 2028

Jail (1880.) Department.

FROM

THE INSPECTOR-GENERAL

OF JAILS,

TO

THE CHIEF SECRETARY

TO GOVERNMENT.

Fort W. George

Dated 3rd } March 1886.
Received 1886

No. 60

Enclosure Plan

SUBJECT.

Requesting that orders may be issued to the D.P. Works for a hospital to be provided at the new District Gaol at Trichinopoly.

With order

No 476 C dy 15th March 1886.

approved & transferred to the Public Works Department.

By order.

D'Cardew.

a. Asst. Secy.

Civil Works 3.86.

No 704 W dy March 17. 1886

A Communicated

to the S.E. II Circle, who will submit estimate for carrying out the Inspector General's suggestions.

Sec
7/3/86

17/3/86 17-3-86 24/3/86

S.E. II Circle with plan.

2028

Govt. of [1886] Madras.

PUBLIC WORKS.

Dated

Read. Encl.

G.O., 17th March 1886, No. 704.

New District Jail
Trichinopoly.

Proposals for the
Construction of a hospital
at the — Central
Jail