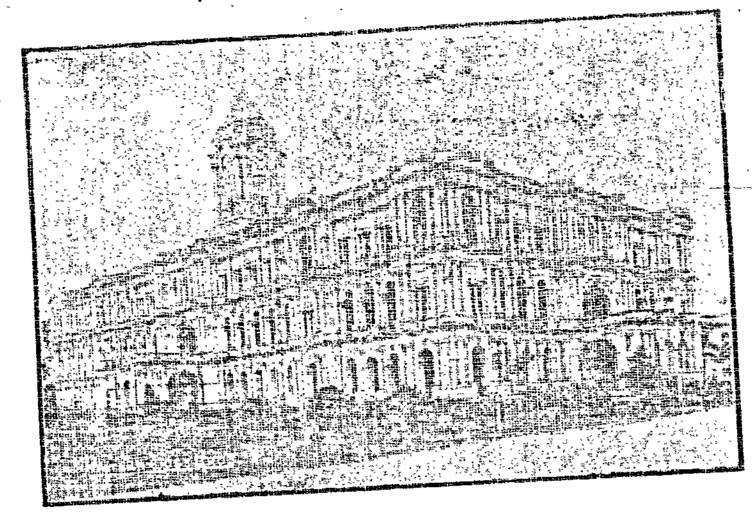
CORPORATION OF MADRAS

ADMINISTRATION REPORT

1922-23

CORPORATION OF MADRAS.



(RIPON BUILDINGS)

Administration Report

FOR

1922-23.

MADRAS:
PRINTED BY S. MURTHY & CO.,
AT THE "KAPALEE PRESS,"
305, THAMBU CHETTY STREET.

1923.

(2)

CONTENTS.

APPENDIX I.

APPENDIX—II.

APPENDIX III.

Appointed by :—

The Madras Chamber of Commerce	Mr. R. Lee. Mr. A. B. Bradshaw. Mr. A. J. Powell.
The Madras Trades Association.	Mr. H. N Brown. Mr. S. J. Green. M. R. Ry. V. Desikachariyar Avargal.
The South Indian Chamber of Commerce.	M. R. Ry. P. Alagasingari Naidu Garu. Mahomed Moosa Sait Sahib Bahadur.
The Harbour Trust Board.	Col. Bradford Leslie, O.B.E. M. Inst. C.E., M.I.E.E., M.L.C.
The Anglo-Indian Association of Southern India Ltd.	Dr. Arther Wells.
University of Madras.	Dr. S. Swaminadhan.
Appointed by the Government.	M. R. Ry. T. Arumainatha Pillai Avargal, M. L. C. Mr. R. C. Moss. Mrs. M. C. Deva Doss *Rao Sahib Sir* M. C. Muthiah Chettiar, *Kt.*, M. L. C. Mahomed Ibrahim Sahib Bahadur. Mr. H. A. Hart. M. R. Ry. V. G. Vasudeva Pillai Avargal. Mahomed Abdul Jabbar Sahib Bahadur.

During the year there was one casual election caused by the resignation of M. R. Ry. *Rao Sahib* C. T. Alwar Chetty Garu, councillor for division 22. M. R. Ry. P. Ranganathan Chetty Garu the only candidate was declared elected in his place.

At the ordinary elections held in 1922, 5 out of the 10 seats were contested. The councillors newly elected at the ordinary elections are (1) M. R. Ry. K. Sriramulu Nayudu Garu (division 8), (2) Dr. B. S. Mallayya (division 14), (3) M. R. Ry. T. Sundara Rao Nayudu Garu (division 20) and (4) M. R. Ry. T. Vasu Garu (division 21) in place of M. R. Ry. P. Thangavelu Chettiyar, M. R. Ry. Rao Bahadur T. Rangachariar Avargal, M. R. Ry. Rao Bahadur M. C. Koman Avargal and M. R. Ry. Venkata Ramaswamy Mudaliar Avargal, respectively. M. R. Ry. Rao Bahadur Dr M. C. Koman Avargal and M. R. Ry. Rao Bahadur T. Rangachariar Avargal M.L.A., did not stand for re-election. With regard to the election for division 21, two electors filed a civil suit in the City Civil Court to set aside the election of Mr. T. Vasu. The suit was subsequently transferred to the file of the High Court which dismissed

it on preliminary issues. The councillors for divisions 2, 6, 10, 11, 13, and 30 were re-elected. The number of votes recorded at the four contested elections viz. divisions 8, 10, 14, and 20 was 2404 (2045 males and 359 females) out of a total electorate of 3427 (2830 males and 597 females). In division 21 out of 1068 voters 750 attended the poll. The number of males and females in this case is not ascertainable, as the records of the elections are in court. The percentage of voters who exercised the franchise at these elections was 71·11.

2. On the annual revision of electoral rolls, it was found that the percentage of persons qualified to vote was 5·14 of the total population.

3. *Representatives of the Chamber of Commerce*:—Mr. A. B. Bradshaw who was elected on 5th February 1920 continued till 5th February 1923 when he ceased to be a councillor by efflux of time. He was re-elected councillor with effect from 13th February 1923. Lt. Col. W. H. Johnstone who was elected on 5th February 1920 ceased to be a councillor on 1st March 1922. The Government was addressed for the appointment of a successor and Mr. A. J. Powell was elected councillor in his place with effect from 13th February 1923. Mr. Lee was elected councillor with effect from 13th February 1923. This seat had been vacant throughout the previous year.

4. *Representatives of the Trades Association*:—Mr. H. Robinson who was elected on 30th August 1921 continued to be a councillor till 19th October 1922 when he resigned his seat on the Council. The Government was addressed for the appointment of a successor and Mr. H. N. Brown was elected councillor in his place with effect from 12th December 1922. Mr. A. M. Macdoughall who was elected on 15th June 1920 continued to be a councillor till 30th January 1923 when he resigned his seat on the Council. The Government was addressed for the appointment of a successor and Mr. S. J. Green was elected councillor in his place with effect from 27th March 1923. M. R. Ry. V. Desikachariar Avargal., who was elected on 5th February 1920 continued to be a councillor till 5th February 1923, when he ceased to be a councillor by efflux of time. The Government was addressed for the appointment of a successor and M. R. Ry. V. Desikachariar Avargal., was re-elected councillor with effect from 6th February 1923.

5. *Representatives of the South Indian Chamber of Commerce*:—M. R. Ry. C. Narain Doss Ghirdhar Doss Garu and Mohammad Moosa Sait Sahib Bahadur who were elected on 5th February 1920 ceased to be councillors on 5th February 1923 by efflux of time. The Government was addressed with the result that M. R. Ry. P. Alagasingari Naidu Garu was elected councillor with effect from 6th February 1923 in place of the former and Muhammad Moosa Sait was re-elected councillor with effect from 6th February 1923.

6. *Representative of the Harbour Trust Board*:—Mr. Bradford Leslie who was elected on the 10th January 1922 continued to hold office during the year.

7. *Representative of the Anglo-Indian Association of Southern India*:—Dr. A. Wells who was elected on 2nd August 1921 continued to hold office during the year.

8. *Representative of the University of Madras*:—Dr. S. Swaminathan who was elected on 13th April 1920, continued to hold office during the year.

9. *Councillors appointed by the Governor in Council.* Mr. R. C. Moss, Khan Bahadur Md. Sadulla Badsha Sahib Bahadur, Mrs. M. C. Davadoss and Rao Sahib Sir M. C. Muthiah Chettiar Avargal., who were appointed on 7th February 1922, 22nd June 1920, 13th June 1922 and 20th December 1921 respectively, continued to hold office during the year. M. R. Ry. T. Arumainatham Pillai Avargal., Muhammad Ibrahim Sahib Bahadur, Mr. H. W. Callaghan, M. R. Ry. V. G. Vasudeva Pillai Avargal., and S. Ghouse Khan Sahib Bahadur who were appointed on 5th February 1920 ceased to be councillors with effect from 5th February 1923 by efflux of time. M. R. Ry. T. Arumainatham Pillai Avargal, Muhammad Ibrahim Sahib Bahadur, M. R. Ry. V. G. Vasudeva Pillai Avl. were re-appointed and Mr. H. A. Hart and Muhammad Abdulla Jabbar Sahib Bahadur were appointed councillors with effect from 27th February 1923.

Re-instatement.

10. Under section 53 of the Madras City Municipal Act 1919, the following councillors lost their seats on the Council by failing to attend the meetings of the Council for three consecutive months. They were reinstated under sub-section (4) of the same section:—

Name.	Date of loss of seat.	Date of reinstatement.
M. R. Ry. T. Arumainatham Pillai Avl. ...	1-7-1922	18-7-1922
Mr. H. Robinson ...	do	do
Rao Sahib Sir M. C. T. Muthiah Chetty ...	do	do
Mrs. M. C. Devadoss ...	31-8-1922	19-9-1922
M. R. Ry. Rao Sahib G. Venkatapathy Naidu Garu	do	do
Mr. A. B. Bradshaw ...	do	do
Do ...	31-12-1922	16-1-1923

Executive Officers.

11. I continued to hold the office of Commissioner during the year under report. Mr. E. H. M. Bower continued to hold the office of Revenue Officer till the 3rd April 1922 when he was granted leave on average salary for three months and M. R. Ry. P. Sivabhushara Mudaliar Avargal was appointed to act as Revenue Officer in his place. Mr. Bower continued to hold the office of the Revenue Officer during the remaining part of the year. Mr. J. E. Hensman continued to hold the office of the Engineer during the year. Rao Bahadur Dr. K. Raghavendra Rao continued to hold the office of the Health Officer during the year. Mr. J. W. Madeley continued to hold the office of the Special Engineer for the design and execution of the water and drainage works till the 19th April 1922, when he was granted combined leave for six months (privilege leave for 2 months and 25 days and furlough for the remaining period). Mr. J. E. Hensman was in additional charge of the Special Works Department during Mr. Madeley's absence on leave.

Meetings.

12. During the year the Council held 12 general meetings, 1 ordinary meeting, 19 adjourned general meetings, 8 special meetings and 1 adjourned special meeting. The average number of councillors, including the President, present at each meeting of the Council, was 30, the same as in the previous year. The percentage of attendance to the sanctioned strength was 77·8 among elected divisional councillors, 28·6 among institutional councillors and 42·2 among councillors appointed by Government.

The Standing Committee dealing respectively with (1) Taxation and Finance, (2) Works, (3) Health and (4) Education met 26, 30, 18, and 15 times respectively.

Committees and Sub-Committees.

13. *Development Committee*:—Some account of the work done by this committee was given in my report of last year. The suggestion for the levy of a tax on entertainments and other amusements *i. e.* theatres, circuses and cinemas in the Madras City was approved by the committee and likewise by the Standing Committee (Taxation & Finance) and the Council. The Government have been addressed for sanctioning the levy of the tax and their orders are awaited. The committee also approved of the following suggestions:—

(1) The construction of markets in Triplicane and Wall Tax road.

(2) The lease of the right of posting advertisements on Corporation electric lamp posts.

(3) The acquisition of site and construction of a building for a vegetable market in Triplicane High road.

(4) The construction of stalls along the Elephant Gate road.

These recommendations of the committee were approved by the Council.

Resolution of the Council.

14 (1) *Toddy shops.*—The Council at its meeting held on 2nd May 1922 passed the following resolutions:

"That the Corporation requests the Excise Licensing Board to cause the toddy shop No. 6 located in the Vepery High road near the mosque, in the midst of the Muhommadan skin merchants premises, to be removed to a less objectionable place, as it causes great nuisance to the public and the respectable residents of the locality."

"The Corporation resolves to recommend to the Excise Licensing Board, Madras, for the removal of the toddy shop No. 198 in Nungambakam from its present position to a less objectionable place in case it is found not possible for the closure of the same."

The resolutions were duly communicated to the Excise Licensing Board, Madras, for necessary action.

(2) *Water Supply in the Public latrines.*—The Council at its meeting held on 2nd May 1922 passed the following resolution:—

"In view of the inconvenience experienced by the public for want of water supply in the public latrines in the City of Madras the Corporation resolves to request the Commissioner to take early measures to provide water in the public latrines wherever necessary."

Steps have been taken to give effect to the resolution.

(3) *Tapping of trees for toddy.*—The Council at its meeting held on 9th May 1922 passed the following resolution.—

"That on the expiry of the present leases, the Corporation do not let out for tapping for toddy any trees in the possession of the Corporation."

(4) *Dramatic performances in the Madras City.*—The Council at its meeting held on 9th May 1922 passed the following resolution :—

"This Council resolves that in view of the serious risk caused to the health and safety of the general public by the continuance of the dramatic performances even after 2 O'clock during night time in the theatres

of Madras, the authorities concerned be requested to restrict the time for the said dramatic performances in the theatres between 8 P. M. and 1 A. M."

The resolution was duly communicated to Government with a request to issue necessary orders to the Commissioner of Police in the matter. The orders of Government are awaited.

(5) *Medical inspection of schools*:—The Council at its meeting, held on 9th May 1922 passed the following resolution:—

"That the Corporation do arrange for the medical inspection of schools maintained by it."

On the recommendation of the Standing Committee (Health) to which the above resolution was referred by the Council, the Council has resolved that the medical officers in charge of the Corporation dispensaries be deputed for the medical inspection of the pupils of Corporation model schools and that they be paid each an allowance of Rs. 15 per mensem, for the purpose.

(6) *Private Water Supply*:—The Council at its meeting, held on 9th May 1922, passed the following resolution :—

"In view of the inconsiderable hardship to which many of the poor house owners of the city of Madras are subjected in the matter of getting private water supply in their houses for domestic consumption consequent on the provision contained in subsection (1) of section 169 of the Madras City Municipal Act of 1919, the Corporation resolves to recommend to Government for amendment of the same by substituting the figure sixty instead of the existing figure one hundred and twenty."

The Government to whom the resolution was communicated stated that there was no necessity for amending the section quoted in the resolution, as under the proviso to sub-section (1) of that section, the Commissioner might, with the sanction of the Standing Committee, agree to supply water to a building assessed at an annual value of less than Rs. 120 (G. O. No. 2093, L. & M. Mis., dated 30-10-1922).

(7) *Taking over of the Government Muhammedan Elementary Schools in the city*:—The Council at its meeting, held on 9th May 1922, passed the following resolution :—

"That the Corporation of Madras do take over the management of all the Government Muhammadan Elementary Schools in the city."

The Muhammadan girls schools have been taken over by the Corporation and the question of taking over the boys schools is now under the consideration of the Council.

(8) *Bye-laws for water Supply* :—The Government in G. O. No. 298 L. & M., dated 13th February 1922 declined to sanction the draft-bye-laws, regarding water supply to private premises, in the absence of any reasons against the amendments proposed in G. O. No. 239 L. & M. dated 8th February 1921.

The Council at its meeting, held on 18th July 1922 reconsidered the amendments, and the revised bye-laws have been submitted to Government, for sanction. The orders of Government are awaited.

(9) *Over-bridge on the Police Commissioner's Office Road* :—The Council considered the question of paying the Corporation's share of the increased cost of constructing an over-bridge on the Police Commissioner's Office road, at its meeting held on 16th May 1922 and resolved that, as the delay in putting the work in hand was caused by the Railway Company, the Council was not prepared to pay more than Rs. 47,510 originally agreed upon.

The Railway Company thereupon made further representation in regard to the liability of the Corporation for the increased cost and the matter was reconsidered by the Council, which eventually decided to pay half the increased cost.

(10) *Amendment of section 51 of the Act* :—The Council at its meeting, held on 23rd May 1922, passed the following resolution :—

"That the Corporation recommends to Government that clause (b) of section 51, be deleted from the Madras City Municipal Act."

The resolution was duly communicated to Government, with the result that the section has been amended accordingly.

(11) *Sanitation*.—The Council at its meeting, held on 23rd May 1922, passed the following resolution:—

"That the Corporation draws the attention of the Government to the serious danger to public health that is likely to be caused by the Buckingham canal, being continued to be maintained in its present insanitary condition."

The resolution was duly communicated to Government, whose orders are awaited.

(12) *Dispensary* :—The Council, at its meeting, held on 20th June 1922, passed the following resolution :—

" This Council recommends the opening of a dispensary in a suitable site in or near Muffuzkhan Garden, for the benefit of those in the southern portion of the 9th and adjacent divisions."

8

Steps have been taken to give effect to the resolution.

(13) *Taxation* :—The Council at its meeting, held on 27th June 1922, passed the following resolutions :—

" The Council authorises the Commissioner to exempt all buildings and huts (and land), which were burnt during the last mill disturbances, from the property tax till these structures are rebuilt without infringing the provisions of Section 102 (b) (i) and (ii) of the Madras City Municipal Act IV of 1919."

" The Council requests the Commissioner to issue orders that no officer or subordinate of the Corporation should assess his own property, the property of his relations or the property in which he has any pecuniary interest."

Steps have been taken to give effect to these resolutions.

(14) *Tramway*:—The Council at its meeting, held on 18th June 1922, sanctioned the application, from the Madras Electric Tramway Company, for a lay over near the High Court, with the suggestion that the line be continued to the southern limit of the High Court wall, so as to provide facilities for people going to the beach.

(15) *Water Supply* :—The Council at its meeting, held on 22nd July 1922, passed the following resolution :—

" That in conjunction with the Government, the Corporation do make arrangements for laying pipes for the supply of water to the inhabitants of Mallikuppam near the Rifle Range, in Mylapore."

As the entire area of the Kuppam, including the streets and lanes vests in Government, the Government were requested to sanction a grant from Provincial funds, to enable the Corporation to undertake the work of laying a main for the Kuppam. But the Government declined to sanction a grant for the work (G. O. No. 469 L. & M. Mis., dated 22nd February 1923).

(16) *Tramways*.—The Council at its meeting, held on 3rd October 1922, passed the following resolutions :—

" (*a*) In view of the inconvenience felt by the travelling public of North Georgetown and Washermanpet in going to and from Rayapuram and in the various offices on the beach and also to and from Basin Bridge station, this Council resolves to move the Government to authorise the Madras Electric Tramway Company to extend their tramway from the Monegar Choultry stop to the Old Clive Battery and from Mint street corner to Basin Bridge.

(*b*) That Government be requested to authorise the Madras Electric Tramway Co., to extend the tramway from Washermanpet terminus to the junction of Tiruvottiyur High road and Gollawar Agraharam. "

The resolutions were duly communicated to Government for necessary action.

(17) *Drains.*—The Council at its meeting, held on 21st November 1922, passed the following resolution :—

"In order to mitigate the existing contamination of air by the sewer gas, to minimise facility for committing nuisance and to lessen accidents, the Council requests the Commissioner to issue orders for covering with iron gratings the large and deep drains situated in several portions of Broadway, on both sides of Parish Venkatachella Iyer street, on the northern side of the eastern portion of the Ammen Koil street and on the two sides of the eastern portion of St. Xavier street, in front of the firewood depots, while at the same time making proper provision for storm water drainage."

Steps have been taken to give effect to the resolution.

(18) *Fairs and Festivals* :—The Council at its meeting held on 21st November 1922, granted permission to the South Indian Athletic Association, to hold the annual sports and fair in the South Indian Athletic Association grounds, during the Xmas season subject to the condition that no intoxicating liquor was permitted to be sold in the ground, during the fair.

(19) *Bye-laws* :—The Council at its meeting, held on 28th November 1922, approved the following draft amendments to by-laws 11 (a) and 11 (b) of the bye-laws, under section 349 (26) of the Act, for the enforcement of compulsory vaccination in the Madras City :—

Bye-law No. 11 (*a*)

" Delete the words, 'and upon payment by him of a fee which shall be charged at the rate of Rs. 2 for every single case and annas 4 for every additional case in the same house,' and 'as hereinbefore provided' occurring in this bye-law."

Bye-law No. 11 (*b*).

" Insert a full stop after the word 'depot' in place of the semi-colon and delete the clause 'but no fee shall be charged in respect of any application made under this clause' occurring in this bye-law."

The formalities prescribed in section 353 of the Act were gone through and the bye-law is now before the Council for confirmation.

(20) *Town Planning Scheme* :—With reference to the Government Memorandum, No. 4570-1 L & M., dated 23rd February 1923 inviting attention to the "Mambalam southern section town planning scheme" published by the Madras City and Suburban Town Planning Trust and enquiring whether the Corporation is

willing to take over the execution of the whole or a portion of the scheme, the Council at its meeting, held on 6th March 1923, resolved to take on the execution of a portion of the scheme subject to the following conditions :—

1. The Government should give the Corporation a short term loan for the purpose.

2. That it should be open to the Corporation to decline to take up the rest of the scheme, in case the financial and other results of the present undertaking do not justify further extension.

The resolution was duly communicated to Government. The orders of Government are awaited.

(21) *Education* :—The Council at its meeting held on 20th March 1923 resolved to adopt the scheme of prevocational instruction in Corporation schools and the suggestion of the chairman of the committee to raise the standard of some of the elementary schools of the Corporation to the higher elementary grade to provide for an extensive course of vocational training.

(22) *Drainage* :— The following resolution was moved at the meeting of the Council held on 20th March 1923 :—

"In view of the hardship entailed on the ratepayers, the Council recommends that in cases of house connection for drainage, the supervision charge of 25 per cent. levied, be on the cost of labour only deducting the cost of material from the total charge and the material be supplied at the same rate at which the Corporation purchases them."

The resolution was passed by the Council, subject to the amendment that only the actual cost incurred by the Corporation should be recovered from the tax-payer both in respect of materials and labour.

Revenue Administration.

15. The current revenue under the combined property taxes and tax on vehicles and animals exceeded that of the previous year by Rs. 3,07,904-0-0 of which Rs. 2,72,851-0-10 was from property taxes and Rs. 35,053-0-0 from vehicle and animal taxes. Under the profession tax, there was a slight decrease of Rs. 18,887-14-0 due to causes explained under the head "Tax on Arts and Companies."

There were 438 appeals against assessments under the property tax wherein the parties were not satisfied with the orders proposed to be made by the Commissioner. Of those, 173 cases have been disposed of by the Standing Committee (Taxation and Finance) before whom they were placed, and the remaining

265 cases are pending. Besides the above, 38 cases of appeals against profession tax are pending disposal out of 104 cases in respect of which the appellants were not satisfied with the proposed order of the Commissioner.

Finance.

Capital Account.

16. The year opened with a balance of Rs. 22,38,648-10-1 which is made up of (i) Rs. 5,25,347-14-0 relating to the construction of special buildings (Rs. 3,75,000 for the infectious diseases hospital, Rs. 71,246-1-7 for the new evening Bazaars and Rs. 79,101-12 5 for new school buildings) (ii) Rs. 16 24,691-0-8 relating to the improvement of water supply and drainage and (iii) Rs. 88,609-11-5 relating to the extension of electric lighting. The Corporation received from Government during the year a free grant of Rs. 3,00,000 and a loan of Rs. 3,00,000 for improvement of water supply and drainage. A loan of Rs. 9,03,400 (Rs. 8,39,400 for the extension of electric lighting and Rs. 64,000 for the construction of houses for conservancy coolies and other labourers) was also raised in the open market. A sum of Rs. 69,185-12-3 was realised as interest on investment of surplus amounts. The amount recovered on account of advances made in the previous years was Rs 14,933-6-2. A sum of Rs. 2,17,425-7-3 being the equivalent of £ 15,000 payable by Messrs. Doulton & Co., as damages for breach of contract for supply of stoneware pipes, was also recovered during the year. The total receipts inclusive of the opening balance amounted to Rs. 40,43,593-3-9. The amount spent on construction of buildings was Rs. 36,404-14-6 (Rs. 13,569-11-4 on school buildings and Rs. 22,835-3-2 on other buildings) and that on improvement of water supply and drainage Rs. 16,17,830-0-5. The expenditure on extension of electric lighting was Rs. 4,00,425-2-9. The total expenditure thus amounted to Rs. 20,54,660-1-8. The balance at the close of the year was Rs, 19,88,933-2-1 of which Rs. 8,93,446-11-8 relates to the water and drainage fund, Rs. 5,66,542-15-4 (Rs. 65,532-1-1 for schools buildings and 5,01,010-14-3 for other buildings) to the general fund and Rs. 5,28,943-7-1 to the lighting fund.

Revenue Account.

The balance at the beginning of the year was Rs. 3,41,836-14-8 as against Rs. 2,84,481-12-10 in the previous year. The revenue from all sources amounted to Rs. 53,71,938-6-2 against Rs. 48,74,941-1-2 in 1921-22 showing a marked increase of Rs.4,96,997-5-0. Towards this income municipal taxes contributed Rs.40,34,852-15-10 and municipal fees and miscellaneous receipts Rs. 13,37,085-6-4 as against Rs. 35,94,207-3-8 and Rs. 12,80,733-13-6 respectively in the previous year. The total expenditure amounted to Rs. 48,75,430-10-7 against an estimate of Rs. 50,89,630 and against the actuals of Rs. 48,17,585-15-4 in 1921-22. The balance left at the close of the year was Rs. 8,38,344-10-3.

Tax on Arts and Companies.

Current.

17. The profession tax was levied at 25 per cent over and above the minimum rates prescribed in Schedule IV to the Madras City Municipal Act IV of 1919, as was done during 1921–1922 under the resolution of the Council dated 14th February 1922. The gross current demand under this head was Rs. 5,73,735-2-0 as against Rs. 5,92,618-0-0 in the year preceding.

The slight fall in the demand is due [illegible] depression in trade in general and also to two other circumstances. The assessment on Assurance Companies had in many cases to be considerably reduced owing to the interpretation that the High Court put upon the term "Gross Income" with reference to such companies' earnings in or from the city. Besides, in pursuance of the decision of the Small Causes Court. that companies with paid-up capitals in sterling cannot be assessed to companies' tax under the Madras City Municipal Act, several non-residential companies who objected to the levy of tax on that ground, have not been assessed to companies' tax pending the disposal by the High Court of the reference made by the Chief Judge, Small Causes Court, Madras.

Of the number of objections received against the assessment fixed during the year, 104 appellants were not satisfied with the order passed by the Commissioner, and their cases were placed before the Standing Committee (Taxation and Finance). Of these 66 have been disposed of, and the remaining cases are pending disposal. Four appellants not being satisfied with the decision of the Standing Committee (Taxation and Finance), preferred second appeals to the Chief Judge of the Small Causes Court, Madras. One of these has been disposed of and the other three are still *sub judice.*

The current collections amounted to Rs. 5,32,416-8-0 as against Rs. 5,47,386-14-0 in the preceding year.

The balance left uncollected at the end of the year was only Rs. 38,823-2-0, the percentage of collection to the demand being 92·93. Of this a sum of Rs. 19,881-10 8 has since been collected.

Arrear.

18. The arrear stood at Rs. 5 80,33-1-1 at the beginning of the year. This rose to Rs. 77,629-9-1 with supplemental assessments, but was reduced to Rs. 74,716-11-1 by remissions and reductions on appeal. A sum of Rs. 54,565-12-0 was collected during the year, leaving a balance of Rs. 15,657-12-0. The percentage of collection to the demand is 73·05.

Property tax.

Current.

19. The gross current demand under this head amounted to Rs. 29,84,037-1-4 against Rs. 27,11,186-0-6 in the previous year. The increase of Rs. 2,72,851-0-10 was due to revision of assessments.

20. 488 appeals were preferred against the property tax assessments for the year under report as against 81 in the previous year. 173 cases have been disposed of by the Standing Committee (Taxation and Finance).

The net increase in the demand was Rs. 2,70,396-10-6 as against Rs. 2,54,189-8-9 in the previous year and the net demand amounted to Rs. 29,79,56?-10-4 as against Rs. 27,09,166 15-0 in the previous year.

21. The net collections amounted to Rs. 27,02,?90-13-7 as against Rs. 24,19,379-5-10 in the previous year. A sum of Rs 31,351-15-4 was remitted on account of vacancy and other causes as against Rs. 15,361-6-5 in the preceding year.

The balance outstanding at the close of the year was Rs. 2,45,220-13-5. The percentage of collection to demand notwithstanding the operation of the City Municipal Amendment Act of 1921 which did away with prepayment was 92·28 as against 90.17 in the previous year.

The number of warrants executed during the year was 242. The incidence of taxation per head of population was Rs. 5-11-11 as against Rs. 5-3-7 in the previous year. The total current demand collection and balance under the combined property tax as compared with the corresponding figures for the previous two years are shown in Appendix I, Table I.

Arrear.

22. The arrear balance at the beginning of the year was Rs. 3,18,529-7-6 which by subsequent amendments rose to Rs. 3,34,959-15-10. Of this a sum of Rs. 2,65,475-0-11 was realised during the year and a sum of Rs. 13,229-10-8 was remitted on account of vacancy and other causes. The balance at the end of the year was Rs. 57,086-8-7. The percentage of collection to demand was 83·21 as against 79·22 in the preceding year. The total demand collection and balance under arrears as compared with the corresponding figures of the two previous years are shown in Appendix I, Table 2.

The details relating to each of the combined property taxes dealt with above *viz.*, house, water and drainage and lighting taxes are exhibited in Appendix I, Statements III-A & III-B.

Tax on carriages and animals under Section 116.

Current.

23. The net demand under this tax amounted to Rs. 2,29,326-0-0 against Rs. 1,91,373 in the preceding year.

Appendix I–Table 3 compares the number of vehicles and animals assessed during the year under the several classes of schedule IV Part III of the Act with the corresponding figures of the previous year. Besides, column 5 of the table shows also the number of free licenses issued during the year consequent on the exemptions contemplated under section 118 (a), (b), (f), (g) and (h).

It can be seen from the statement that there has been a steady rise in the number of motor vehicles year after year while there is a corresponding fall in other classes of vehicles. On the whole there has been a marked increase in the vehicle tax demand which to a certain extent is attributable to the enhancement in the half yearly rates of tax leviable on certain classes of motor vehicles such as buses &c. under the Madras City Amendment Act VII of 1922 which was introduced with effect from 16th May 1922.

24. The current collections amounted to Rs. 185,196-8-0 which included Rs. 14,397 received in advance for the ensuing year. The net collections of the year amounted to Rs. 1,70,799-8-0 which together with Rs. 13,553-8-0 prepaid in the previous year for the year under report amounted to Rs. 1,84,353 against an estimate of Rs. 1,67,500. The balance left uncollected at the close of the year was Rs. 44,973-0-0. Of this Rs. 12,848-0-0 have since been collected and taxes to the extent of Rs. 4,206 have been cancelled. Effective steps have been taken to reduce the balance.

Arrear.

25. The arrear demand at the beginning of the year for vehicles and animals was Rs. 46,061-2-3 which by subsequent amendments and additions rose to Rs. 53,079-10-8. Of this assessments amounting to Rs. 4,271-4-0 were found on investigation to be erroneous and were cancelled. The actual demand was thus Rs. 48,808-6-8. Of this Rs. 15,546-0-5 were collected and Rs. 615-4-0 were written off as irrecoverable leaving a balance of Rs. 32,647-2-3 at the close of the year.

Tax on carts and other vehicles without springs under Section 124.

Current.

26. The demand under this tax amounted to Rs. 46,068 against Rs. 45,760 in the previous year. The number of carts voluntarily offered for registration was 8,470 against 8,642 in the previous year and the number seized under Section 127 for non-registration rose from 2,793 to 3,047. Of 3,047 carts seized 3,032 were released on payment and only 15 carts remained undisposed of at the close of the year.

27. The current collections inclusive of Rs. 1,168 received in advance for the ensuing year amounted to Rs. 45,684. The net collections excluding the advance payment were Rs. 44,516 which with Rs. 1,484 collected in the previous year towards the demand of the year under report amounted to Rs. 46,000 against Rs. 45,448 in the preceding year. A sum of Rs. 8 which had been erroneously credited to cart tax was adjusted towards vehicle tax. There was thus a balance of Rs. 60, being the tax due on 15 carts seized and awaiting disposal at the close of the year. The percentage of collection to demand was 99.85 against 99·36, in the previous year.

Arrear.

28. The arrear demand at the beginning of the year was Rs. 111, which by subsequent amendments rose to Rs. 632–10–7. Of this Rs. 618–1–6 was collected leaving a balance of Rs. 14–9–1 being tax on a cart seized and awaiting disposal at the close of the year together with the difference between taxes leviable and the amounts actually realised in the case of 8 carts seized for non-registration and sold in public auction during the year under report.

Tolls on vehicles and Animals entering Municipal limits.

29. The right of collecting tolls was sold by public auction for Rs. 68,000 against Rs. 63,100 in the previous year. A sum of Rs. 1,146–11–2 has accrued as penal interest for the whole year on over-due instalments. Thus the total demand was Rs. 69,146–11–2 against which Rs. 65,038–6–2 inclusive of Rs. 1,146–11–2 for penal interest were recovered during the year under report. The balance of Rs. 4,108–5–0 has since been collected.

Revenue derived from Municipal property and powers apart from Taxation.

Current.

30. *Rents of lands and buildings.* The demand under this head was Rs. 47,087–4–5 against Rs. 45,731–2–11 in the preceding year. The collections during the year amounted to Rs. 40,713–10–4 against Rs. 39,834–14–5 in 1921–22.

31. *Moore Market.* The income amounted to Rs. 41,594–0–4 against an estimate of Rs. 38,000 and an actual income of Rs. 39,680–7–6 last year. The increase of Rs. 1,913–8–10 was chiefly due to the grant of additional stalls and the revenue derived from the lease of stalls under contract.

32. *Distraint fees.* The distraint fees realised during the year amounted to Rs. 240–4–0. There were 242 distraints made during the year, as against 226 in the previous year.

33. *Tax on Timber.* The gross collections under this head amounted to Rs. 1,83,701–14–6 which includes a sum of Rs. 3,573–6–0 relating to the previous year paid by the collecting agencies during the year under report and excludes Rs. 2,775–2–0 being the tax levied and received by the collecting agencies for March 1923, but not remitted to this office till after the close of the year. The corresponding gross collections for 1921–22 amounted to Rs. 1,95,212–3–1. The fall was due to a fall in the import of timber into the city during the year.

Refunds of tax on exports granted during the year amounted to Rs. 82,687–8–0 against Rs. 38,128–6–0 in the previous year. The net collections for the year stood at Rs. 1,51,014–6–6 against Rs. 1,57,083–13–1 the actuals of the previous year and against an estimate of Rs. 1,50,000–0–0.

In addition to the refund of Rs. 32,687–8–0 paid from the current collections on account of timber exported from the imports made during the year a sum of Rs. 50,349–8–5 was refunded from the collections of the previous year under the head of "Refunds of other than current collections".

34. *Private Markets.*—There were 42 markets in the City during the year and the license fees collected amounted to Rs. 7,150 against Rs. 6,050 in the previous year.

35. *Licenses, Registration &c.*—The fees collected under this head amounted to Rs. 1,55,257–6–4 as detailed in Table No. 30 Appendix II against Rs. 1,47,082–7–7 in the previous year.

The net increase in the collection during the year was Rs. 8,174–14–9. The increase was spread over several licensable items, noticeably aerated water factories, bake houses (including coffee hotels and sweetmeat bazaars) dyeing cloths, erection of machinery and sunshades.

As in previous years, care was taken to see that sanitary conditions as required by the by-laws and such other restrictions as were found necessary were enforced on licensees. During the year the Council revised the fees for obstructions on the road and for the storage of skins and hides and added the following new items for license:—

Celluloid.

Celluloid goods.

Cinematograph films.

Lac or Shellac.

The Council also sanctioned the issue of short-term licenses in the case of occasional storage (not exceeding 30 days) of licensable articles in the Port Trust premises and fixed the fee for the same at a quarter of the annual rate.

Under the proviso to Schedule VI of the Municipal Act, the following [qu]atities were fixed by the Commissioner in the case of storage of matches and pitch as requiring no license:—

Matches—½ gross match boxes.

Pitch for other than domestic use (and not for sale)………2 cwts.

Receipts.

36. *Interest on Investments.* A sum of Rs. 1,923-8-0 was realised as interest on the securities in favour of Raja Sir Ramaswami Mudaliar Maternity Hospital. The interest derived from Investment of surplus amounts under Capital and Revenue Accounts amounted to Rs. 69,453-1-5 against Rs. 26,144-13-4 in 1921-22.

37. *Grants and Contributions.* Rs. 3,48,430-14-4 as detailed below were received from Government as grants and contributions during the year:—

(1) Rs. 20,000 for the maintenance of the Mount and Poonamallee roads.

(2) Rs. 4,219 for the repair of the bridges over the Cooum and Buckingham Canal.

(3) Rs. 2,000 towards the zoological collections in the People's Park.

(4) Rs. 13,607 towards compensation for withholding sanction for the issue of licenses by the Corporation for places used for the sale of spirituous and intoxicating liquors.

(5) Rs. 400 for the payment of batta to pregnant women in Rajah Sir Ramaswami Mudaliar Maternity hospital.

(6) Rs. 8,204-14-4 towards census charges and

(7) A free grant of Rs. 3 lakhs for the improvement of water supply and drainage.

Payment for water supplied for non domestic purposes.

Current.

38. The demand under this head amounted to Rs. 5,84,461-5-0 as against Rs. 5,20,191-3-10 in the previous year.

The net collections excluding the advance payment of Rs. 437-3-4 received during the year were Rs. 5,43,913-14-6 which, with Rs. 368-12-0 collected in the previous year towards the demand of the year under report, amounted to Rs. 5,44,282-10-6 against Rs. 4,83,792-9-10 last year. A sum of Rs. 40,178-10-6 was outstanding at the end of the year as against Rs. 36,398-10-0 in the previous year.

13

Arrears.

The arrear outstanding at the beginning of the year was Rs. 38,323-10-0 which by subsequent additions and amendments, rose to Rs. 39,576-1-3 of this a sum of Rs. 37,268-9-0 was collected during the year, and a sum of Rs. 2,307-8-0 was outstanding at the end of the year.

General incidence of taxation.

39. The incidence of taxation per head of population under all taxes inclusive of tolls was 7-12-3 against Rs. 6-14-11 in the preceding year. Excluding tolls, the incidence was Rs. 7-10-3 against Rs. 6-10-0 in 1921-22. The increase is due to the calculation based on the provisional population of 526,911 during 1921-22 as against the final census figure of 518,660 on which this incidence is based.

Advances.

40. At the beginning of the year, a sum of Rs. 2,31,577-4-7 was outstanding of which permanent advances held by the several officers of the Corporation amounted to Rs. 1,16,577 and miscellaneous advances to Rs. 1,15,000-4-7. The "permanent advances" are represented almost entirely by the money invested in the stock at the Corporation stores and the "miscellaneous advances" include payment made on account, amounts for which bills have been sent out, amount paid in advance or in deposit but awaiting adjustment. During the year permanent advances amounting to Rs. 320 and miscellaneous advances to Rs. 72,022-4-1 were adjusted and fresh advances were made to the extent of Rs. 41 under "permanent" and Rs. 3,10,160-3-4 under "miscellaneous." The advances outstanding at the close of the year were thus Rs. 1,16,298 under "permanent" and Rs. 3,53,138-3-10 under "miscellaneous" or Rs. 4,69,436-3-10 in the aggregate against Rs. 2,31,577-4-7 at the end of the previous year.

EXPENDITURE.

Grant 1 (Public Works).

Communications.

New Works.

41. The amount allotted under this head was Rs. 53,982. The following street improvements were carried out :—

(1) Rounding off the corner at Marshalls road junction of Commander-in-Chief road, Egmore.

(2) Rounding off the corners at Kennett Lane, Egmore.

(3) Rounding off the corner at Errabalu Chetty street junction of Angappa Naicken street, George Town.

(4) Splaying the corner at Sawmi Pillai street junction of Singaperumal Coil street, Triplicane.

(5) Connecting Ponnappan lane and Krishnappa Maistry street, George Town.

(6) Connecting dead ends of Krishnappa Mudali lane and Kolandai Gramany street, Purasawakam.

(7) Acquisition land in R. S. No. 2468 of Triplicane for widening Nallathambi Mudali lane.

(8) Acquisition of land in R. S. No. 2588 of Triplicane for removing the blind end of Raja Hanumanthalala street, Triplicane.

(9) Acquisition of land in R. S. No. 173 of Chintadripet for widening Mangapathi Naicken street.

(10) Construction of culvert in Poonamallee High Road.

Repairs.

42. The total expenditure incurred for the reform of roads including purchase of tar, asphalt, cost of departmental quarrying, maintenance of bridges culverts, etc, was Rs. 7,02,059.

The departmental quarrying of road metal continued during the year.

19

The total quantity of metal broken during the year was about 740,000 cubic feet.

The total quantity of blue metal received from Pallavaram and issued for road reform and patch repairs, was 740,352 c. ft. (as loaded at Pallavaram) and 815,072 c. ft. respectively.

43. *Reform and Repairs of Roads.* 3 miles, 6 furlongs, 101 yards of un metalled roads were metalled for the first time. The number of squares (100 sq. ft.) laid in the reform of roads was 80,254·05 which corresponds to 62·22 miles of roads 20 feet wide [Tables Nos. 27 (a), 27 (b) and 27 (c) Appendix II] as against 61.84 miles of roads in the previous year.

The quantity of metal used in reform and in patching roads was as follows :—

Kind of metal.	Reform.		Repairs.	
	1922–23 C. ft.	1921–22 C. ft.	1922–23 C. ft.	1921–22 C. ft
Blue granite ..	5,22,138	5,72,100	2,72,132	1,17,658
Velacheri granite, ..	7,68,899	4,44,158	1,01,623	46,872
Laterite. ..	5,84,400	4,44,960	2,13,111	1,22,084

The cost of reform including materials, carting and laying, but exclusive of rolling was Rs. 3,25,046.

The 62·22 miles of roads &c, reformed cost Rs. 4,524 *per mile* as against Rs. 4,191 *per mile* in 1921–22.

The areas of roads of different thickness reformed with granite are as follows (the figures being squares in each case) :—

Thickness in inches.	1922–23.	1921–22
6″	467·00	612·00
5″	163·50	......
4″	6292·80	1897·00
3″	36979·76	29288·00
2″	11717·54	10768·00
1″	507·00	3109·00
	56127·60	45674·00

44. *Tarring Roads.*—The length of roads tarred for the first time during the year was 1 mile 7 furlongs, and 20 yards and that of the roads retarred was 2 miles 6 furlongs and 192 yards. Elephant Gate road (length 200 ft.) and Audiappa Naicken street (1,473 feet) and the road over Willingdon Bridge (475 feet) were laid with asphalt macadam to a total length of 3 furlongs and 56 yards. At the end of the year the total length of tarred and asphalted road in the City was 16 miles 7 furlongs and 122 and 2/3 yards.

45. *Transport of Metal.*—With a view to expedite the transport of metal from the Periamet metal yard to the various divisions of the City for road reform and patch repairs, two Sentinel steam wagons, one 4 ton trailer and two 3 ton Renault lorries were purchased during the year at a cost of Rs. 59,740. Including these wagons, the Corporation possesses in all 8 petrol and steam lorries for the conveyance of blue metal. As these are not sufficient a good proportion of the metal is transported by contract in bullock carts.

46. *Bridges and Culverts*:—Bridges in the north range were repaired at a cost of Rs. 1,796 and Napier bridge was painted with one coat of "Cuirass" paint at a cost of Rs. 1,777. Repairs were executed to the culverts in Band Practice road, Oliver road junction of Apparsami Koil street, and at Harrington road junction of Mc Nichol road, and the culvert in Sullivan road was extended. The Hutton and Willingdon bridges were widened and opened for use during the year. The road over the Willingdon bridge was laid with bituminous macadam by the Corporation at the cost of the Government.

Buildings.

New Works and Repairs.

47. The following table shows the provision made under this head in the Revised Estimate and the expenditure incurred during the year.—

Particulars.	Revised Estimate.	Expenditure.
	Rs.	Rs.
1. Revenue Funds	1,01,061	66,222
2. Loan Funds	15,000	282
3. Special Funds	88,520	22,553
Total ...	2,04,581	89,057

Rs. 58,120 were spent on new works and Rs. 30,937 on repairs.

New Works.

48. Works carried out for the Health Department.

(*a*) *Latrines*:—A flush out latrine of 4 seats behind the Grand Theatre was constructed. The sanded latrine in Veeran Paracheri was converted into a flush out one. These latrines are very much appreciated and make for better sanitation in the localities concerned.

(*b*) *Urinals*:—6 urinals were installed at the following places.—

1. Pilliar Coil street
2. Budriah street.
3. General Sawmy Naicken street.
4. Bhagavathal Lane.
5. Venkatesa Naicken street.
6. Portuguese Church street.

(*c*) *Bathing Fountains*.—14 bathing fountains were constructed during the year in the following places as against 6 last year:—

1.	Ammen Coil street	1st Division.
2.	Rope Godown Paracherri	2nd „
3.	Moolakothalam	4th „
4.	Clive's Battery	5th „
5.	Coral Merchant street (North end)	6th „
6.	Thatha Muthiappan street	11th „
7.	Audiappa Naicken street	13th „
8.	Budriah Garden street	15th „
9.	Jetka Paracheri	15th „
10.	Chakkilipalayam	16th „
11.	Arunachala Pandaram street	18th „
12.	Veerabadrachari street	18th „
13.	Suparigunta Paracherri	24th „
14.	Shaik Davood street	27th „

These are very much used, and are popular. It is proposed to provide similar conveniences in the other parts of the city.

(*d*) *Hospitals and Dispensaries*. Additions and improvements to the dispensary in the Poonamallee High road and to the Lying-in-hospital were carried out during the year.

(*e*) *Other Works*:—The reconstruction of the Evening bazaar near the Moore Market and the construction of a pail depot at D'Mellow road pumping Station were under progress. Corporation Buildings. Nos. 368, 369, 370, Pycroft road, Triplicane, were improved. The toll gates in Perambore and Madavakkam were shifted. The construction of the compound wall on the eastern side of the Dhoby Khana at Robinson Park was completed during the year under report.

(*f*) *Infectious Diseases Hospital, Tondiarpet.*—Tenders were invited for the construction of the new Infectious Diseases Hospital, at the Old Fiji Emigration depot, Tondiarpet, and the tender of Mr. W. M. Somasundaram dated 28th September 1922 for Rs. 4,57,991-6-0 including the sum of Rs. 69,900-0-0 representing the cost of drainage and sanitary fittings, etc., to be executed by departmental agency was accepted by the Council. The contractor has put the work on hand, after executing the necessary agreement for the due performance of his contract.

49. *Repairs* :—Details of repairs and improvements to Municipal Buildings and the cost of such works are shown in Appendix 1, Statement 11-A-Part 11.

Water Supply and Drainage—Special Works Department.

50. The total expenditure on the new water and drainage works from their commencement up to 31st March 1923 was as follows:—

Waterworks	...	Rs. 65,80,361
Drainage (Sewerage)	...	,, 69,48,389
Drainage (stormwater and anti-malaria).		,, 5,39,509
	Total	Rs. 140,68,259

Towards this Government has contributed grants amounting to		Rs. 86,76,293
	Balance	Rs. 53,91,966

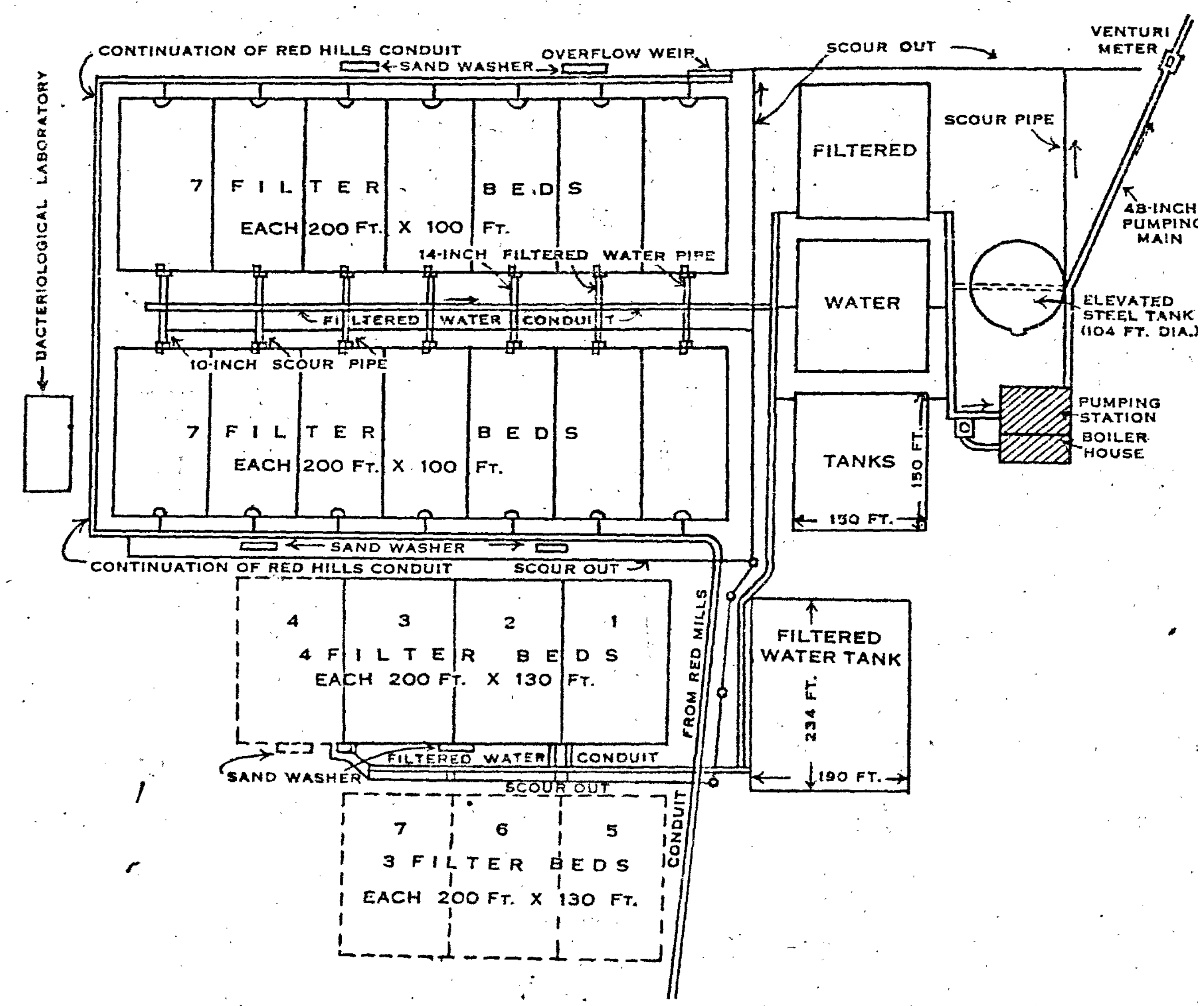
Details of expenditure are given in Appendix II. Table No. 22.

The value of work executed during the year 1922-23 was as follows:—

Waterworks	....	Rs. 6,28,459
Drainage (sewerage)	...	,, 7,35,590
Drainage (stormwater and anti-malaria)...		,, 3,685
		Rs. 13,67,734

WATERWORKS AT KILPAUK

PLAN SHOWING GENERAL ARRANGEMENT OF FILTERS, FILTERED WATER TANKS PUMPING STATION, AND ELEVATED TANK



REFERENCE:

Black lines—Existing works.

Red firm lines—Works under construction. Excavation and concreting finished for filters 1, 2 and 3. Masonry and flooring finished for filters 1 and 2: in progress for filter 3. Excavation and concreting of filtered water tank half finished. Bacteriological Laboratory completed.

Red dotted lines—Filters sanctioned, construction deferred pending results of experiments.

J. W. Madeley.

M.A., M. Inst. C.E., M. A.M. Soc. C.E., Etc.
SPECIAL ENGINEER,
CORPORATION OF MADRAS.

WATERWORKS.

51. *Filter Beds Extension.* As reported last year, the construction of the ew filters has been restricted to three beds, the filtered water conduit, scour out nd filtered water tank. Construction was stopped for some months owing to the eceipt of G. O. No. 1523, dated 29th August 1922, in which Government stated hat they desired to await the results of the experiments on chlorination and filtraion before passing orders on the revised estimates for the remaining filters, because hese filters might be unnecessary if chlorination proved successful.

Work was re-started on 12th January 1923 and has been pushed on rapidly. By the end of the year the brickwork and concrete of the first two beds and the oncrete floor of the third bed had been completed. A large quantity of filtering naterials has been collected and the filtered water conduit and the filtered water ank are in course of construction. Unfortunately, the Government Public Works Department is unable to take any further surplus excavation, and the disposal of his earth limits the rate at which the work of the filtered water tank can be proceeded with. The diagram facing this page shows how the waterworks stand at present.

52. *Bacteriological Laboratory.* The Bacteriological laboratory has been onstructed to the general plan furnished by Major Cunningham of the King nstitute of Preventive Medicine and has been handed over to the Health Officer. The analyst who had been working at the King Institute in order to become familiar with the methods of water analysis will hereafter work under the Health Officer.

53. *Shortage of Water.* The exceptional shortage of water caused by a eficiency in the rainfall during the hot weather months of 1922 alarmed the Health uthorities, and in view of the menace to the public health which they considered as caused by the shortage, the Hon'ble Minister for Local Self-Government called n informal meeting of the Government and the Corporation Officers interested in he public health of the city. As a result of this conference, it was decided that very effort should be made to filter the whole of the water-supply. The matter as placed before the Corporation on 19th September 1922, when a sum of Rs. 25,000 as sanctioned towards the cost of the necessary work to enhance the rate of filtraon. The work was carried out by the Special Works Department under supervi-on of the Government Filtration Committee.

From 26th October to 20th December 1922 the whole of the water was ltered using 13 beds at the normal slow sand filtration rate, i.e. of 4 inches vertical er hour, and one bed at 8 inches vertical per hour. Since 20th December 1922, ere was sufficient rain, and the supply to the city increased so that it has been npossible to filter the whole of the supply. All the unfiltered water has been lorinated, so that no untreated water has been supplied to the city.

Chlorine was first obtained from the experimental electrolytic plant. This plant was however insufficient in capacity to deal with the whole of the unfiltered water and consequently bleaching powder solution was used.

54. *Raising F. T. L. of the Red Hills Lake.* The shortage of water referred to in the last paragraph points to the urgent necessity of raising the full tank level of the Red Hills Lake and the lowest level for the issue of irrigation water.

The present position is that the Corporation has accepted the proposal that Government should carry out the work, meeting half the capital cost from provincial funds, the Corporation paying the remaining capital cost and the maintenance charges. Government have been addressed for the issue of orders for the execution of the necessary works without delay.

55. *Water Purification Experiments.* Experimental filter beds have been constructed at Kilpauk, and a small experimental chlorinating plant has been erected. The Government Water Filtration Committee has carried out a number of experiments at Kilpauk on the results of filtering through fine and coarse sand at 8 inches vertical per hour first using the experimental filters and afterwards verifying the results on a full size filter. Experiments have also been made on filtering through fine sand at 4 inches vertical per hour, one of the old filters being overhauled and refiltered with filtering materials for the purpose.

An experimental double filtration plant has also been erected and experiments started. In this plant, the water is first passed through a rapid filter at 150 inches vertical per hour, and then through a semi-rapid filter at the rate of 8 inches vertical per hour. The rapid experimental filter takes the form of one of the sand washers devised by the Special Engineer.

No report has yet been issued by the Committee.

At the instance of the Water Filtration Committee, the Corporation has sanctioned plans and estimates for a plant to experiment with the chlorination of the water supply at Red Hills. This is to test the soundness of Major Morison's recommendation communicated to the Corporation in G. O. No. 546 M. Press, dated 22nd April 1920, in which he recommends chlorination at Red Hills for the reasons that it would.

(1). Control the growth of Algae in the conduit.

(2) Lengthen the life of the filters.

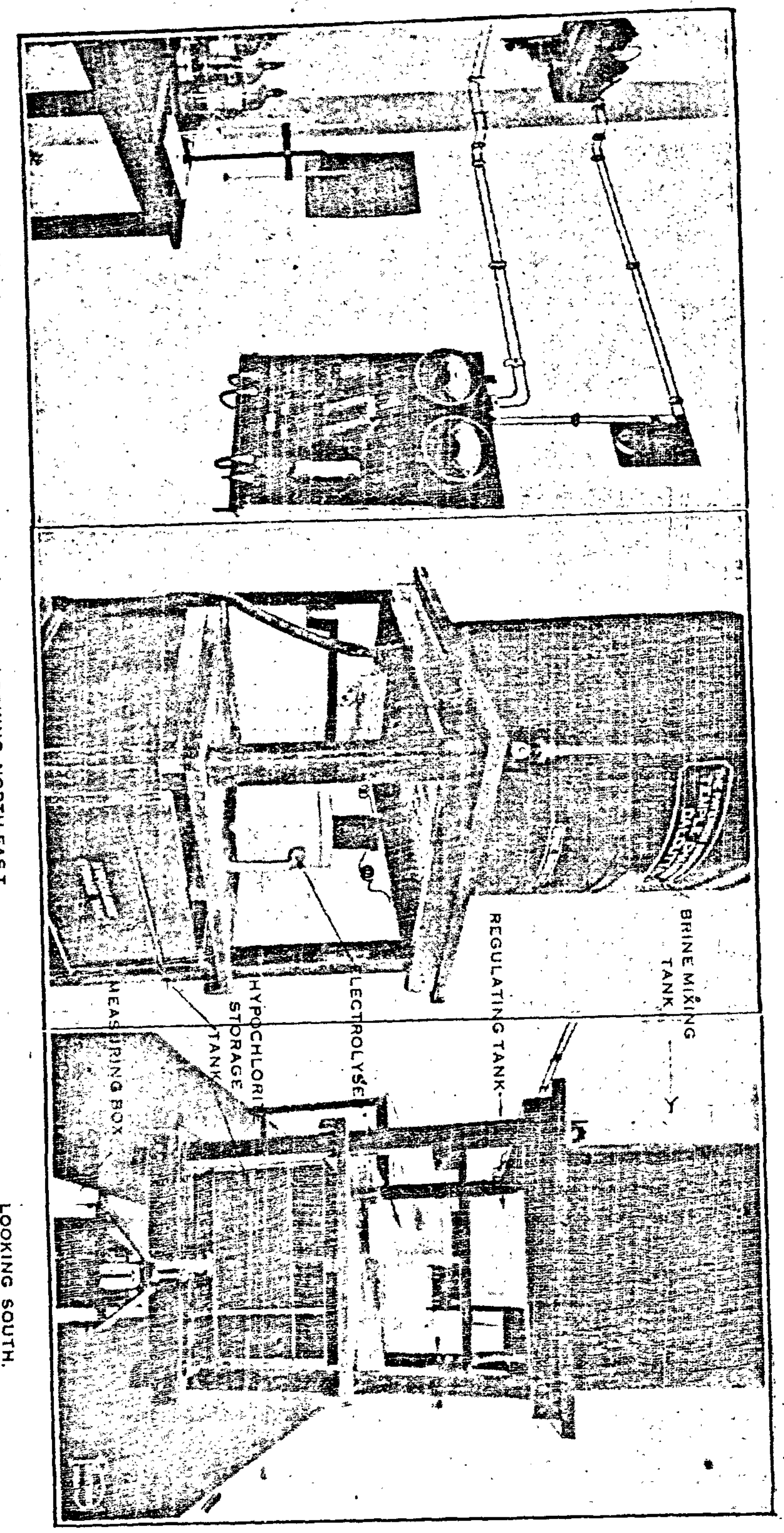
(3) Probably decrease the sulphuretted hydrogen nuisance.

56. *Improvement of Distribution System.* In G. O. No. 1366 L & M. Mis., dated 9th August 1922, Government approved generally the programme of improvements to the water supply prepared by the Special Engineer set out in the last

18

SODIUM HYPOCHLORITE PLANT AT KILPAUK

SHOWING BRINE MIXING TANK, REGULATING TANK, ELECTROLYSER, HYPOCHLORITE STORAGE TANK, MEASURING BOX, ETC.



SWITCHBOARD AND CHEMISTS TABLE. LOOKING NORTH-EAST. LOOKING SOUTH.

SPECIAL WORKS DEPARTMENT
DRAINAGE SECTION—NAPIER PARK DRAINAGE AREA
CHINTADRIPET PORTION.
PROGRESS PLAN OF SEWER-LAYING TO 31-3-23

SCALE 10 INS. = 1 MILE.

FT. 100 0 1 2 3 4 5 6 7 8 9 1000 FT.

REFERENCE

DESCRIPTION	LENGTH	SHOWN THUS
6 INS. S.W.P. SEWER	4,439 FT.	
9 .. Do.	2,813 ..	
21 .. C.I.P. SEWER	651 ..	
MANHOLES & F. SHAFTS	45 No.	
HOUSE CONNECTIONS	125 ..	

WORK COMMENCED 31ST MARCH, 1922
AND EXECUTED DEPARTMENTALLY

M.A., M. INST. C.E., M. A.M. SOC. C.E., ETC.
SPECIAL ENGINEER,
CORPORATION OF MADRAS.
2-4-23

20

SPECIAL WORKS DEPARTMENT

DRAINAGE SECTION—RAYAPURAM DRAINAGE AREA

PROGRESS PLAN OF SEWER-LAYING TO 31ST MARCH, 1923

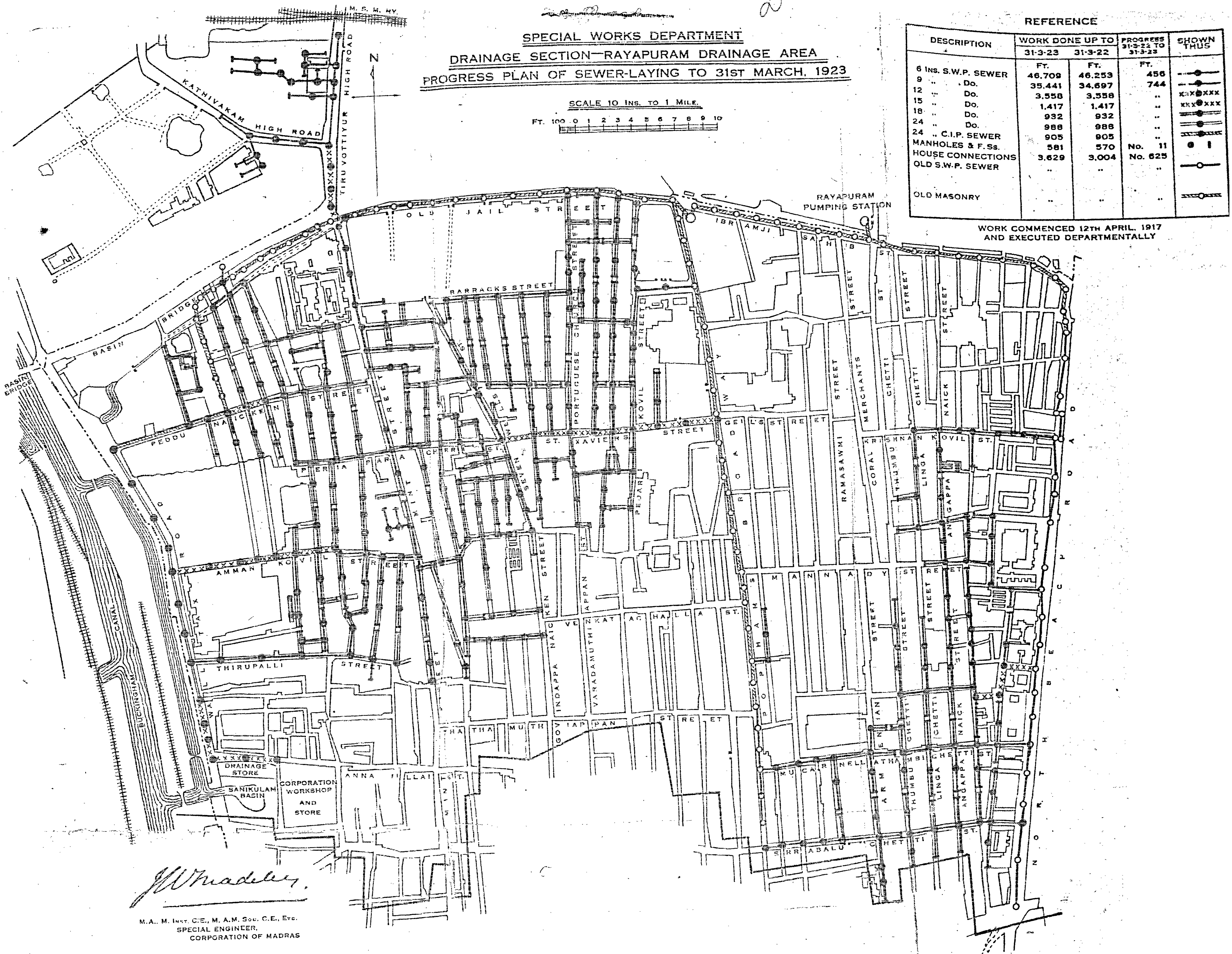
SCALE 10 INS. TO 1 MILE.

FT. 100 0 1 2 3 4 5 6 7 8 9 10

REFERENCE

DESCRIPTION	WORK DONE UP TO 31-3-23	WORK DONE UP TO 31-3-22	PROGRESS 31-3-22 TO 31-3-23	SHOWN THUS
	FT.	FT.	FT.	
6 INS. S.W.P. SEWER	46,709	46,253	456	
9 „ Do.	35,441	34,697	744	
12 „ Do.	3,558	3,558	..	
15 „ Do.	1,417	1,417	..	
18 „ Do.	932	932	..	
24 „ Do.	988	988	..	
24 „ C.I.P. SEWER	905	905	..	
MANHOLES & F.Ss.	581	570	No. 11	
HOUSE CONNECTIONS	3,629	3,004	No. 625	
OLD S.W.P. SEWER	..	..	..	
OLD MASONRY	..	..	..	

WORK COMMENCED 12TH APRIL, 1917
AND EXECUTED DEPARTMENTALLY



J. W. Madeley.

M.A., M. INST. C.E., M. AM. SOC. C.E., ETC.
SPECIAL ENGINEER,
CORPORATION OF MADRAS

SPECIAL WORKS DEPARTMENT

DRAINAGE SECTION—PURASAWAKKAM DRAINAGE AREA

PROGRESS PLAN OF SEWER-LAYING TO 31ST MARCH, 1923

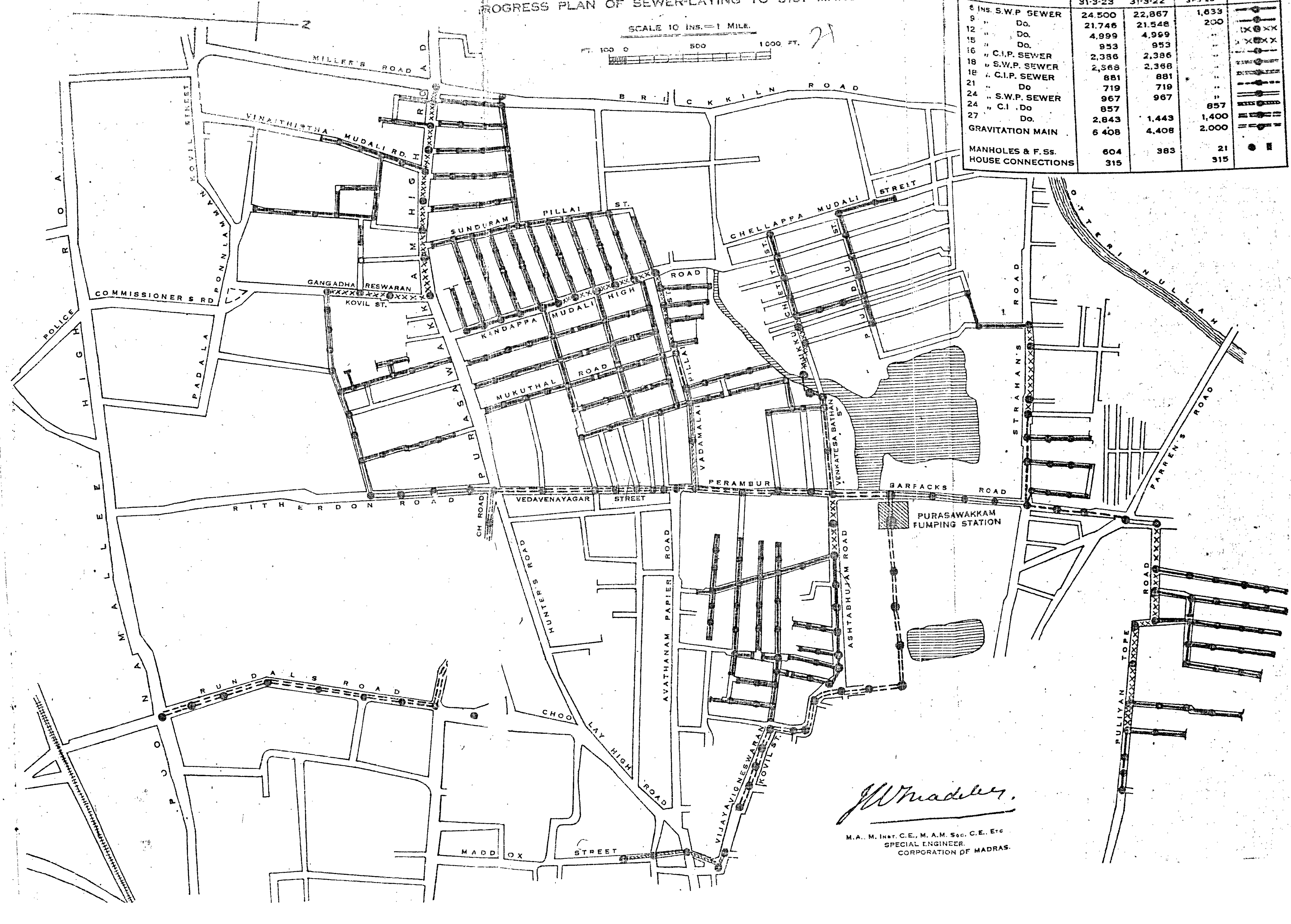
SCALE 10 INS. = 1 MILE.

FT. 100 0 500 1000 FT.

21

REFERENCE

DESCRIPTION	WORK DONE UP TO 31-3-23	WORK DONE UP TO 31-3-22	PROGRESS 31-3-22 TO 31-3-23	SHOWN THUS
6 Ins. S.W.P SEWER	24.500	22,867	1,633	
9 " Do.	21.746	21.548	200	
12 " Do.	4,999	4,999	..	
15 " Do.	953	953	..	
16 " C.I.P. SEWER	2,386	2,386	..	
18 " S.W.P. SEWER	2,368	2,368	..	
18 " C.I.P. SEWER	881	881	..	
21 " Do	719	719	..	
24 " S.W.P. SEWER	967	967	"	
24 " C.I .Do	857		857	
27 Do.	2,843	1,443	1,400	
GRAVITATION MAIN	6 408	4,408	2,000	
MANHOLES & F.Ss.	604	383	21	
HOUSE CONNECTIONS	315		315	



J W Madeley.

M.A., M. Inst. C.E., M. A.M. Soc. C.E., Etc
SPECIAL ENGINEER.
CORPORATION OF MADRAS.

23

62. *Transference of Drainage Work to the Town Planning Trust.*—As stated in the last Administration Report, the Corporation agreed to the suggestion of Government that the drainage work construction should be handed over to the Town Planning Trust on certain conditions and requested Government to undertake the necessary legislation.

But the Trust having declined to take over the work the proposal had to be abandoned in G.O. No. 2194 Mis., dated 9th November 1922, and the Government communicated to the Corporation a resolution of the Trust in which they stated that they do not recommend the proposal to transfer the drainage works to the Trust.

Water Supply and Drainage (Ordinary).

63. (a) *House Drainage* :—The total number of house connections to the sewers made during the year was 124 as against 102 in the previous year. Of these 30 were carried out under deposit account and 94 under "Advances Recoverable" at a total cost of Rs. 7,168-15-0.

New Works.

(b) (i) Construction of masonry drains on the bank of Cooum to drain the houses in Perumal Mudaly Street.

(ii) 12" side drain in Rama Naicken street, Nungambakam, 4" side masonry drain in Mariappa Naicken street off Eldams road, and 4" side drain at Kumarappa Mudaly street were constructed during the year and masonry side drains in 2nd, 3rd and 4th Barbers Bridge Lanes were also constructed during the year. The construction of an open masonry drain alongside of the temple wall in Veerasami Iyer street was under progress.

(iii) The construction of additional manholes in Nattu Subbaroya Mudali street was completed.

(iv) The construction of a tipping depot in Velayudha Chetty street, Goyatope, was carried out.

(v) Syphon boxes were shifted and drain connection given in Anal Khan Sahib street.

Syphon boxes were raised above road level

(a) In the lane joining Theradi street and Venkatarangam Pillai street.

(b) In Arumuga Chetty street.

(d) In 'A' area, Tondiarpet.

(e) In B area Old Washermanpet and in Barracks road, and in the 24th, 25th, 26th, 27th, 28th 29th, and 30th Divisions.

A 4" sewer was laid in Barbers Bridge road.

64. *Repairs-Drainage*—The repairs to drains and their cost are shown in Appendix I, Statement IIA-Part II.

Pumping Stations—The cost of maintenance of sewage pumping stations including establishment and labour was Rs. 2,86,572 against Rs. 3,54,174 in the previous year. Table No. 26 Appendix II shows the cost of pumping at the different pumping stations.

65. *Sewer Cleaning*—The total length of sewers cleaned was 1,847,271 feet as against 1,769,906 feet of last year. The obstructions removed were 2,097 from sewers and 1 289 from syphons as against 1,940 and 1,312 respectively in the year previous. The total quantity of silt removed was 2,23,712 cubic feet as against 2,46,454 cubic feet last year.

Main Drain Cleaning—The length of drains cleaned was 2,18,540 feet as against 1,93,740 last year and the obstructions removed were 414 as against 296 last year. The total quantity of silt removed from the main drains was 1,30,765 cubic feet as against 1,88,320 cubic feet last year.

The Special Works Department handed over portions of the 10th and 12th divisions to the Works Department for maintenance of sewers and syphons.

Silt removal of the Trevelyan Basin Wharf was carried out departmentally at a cost of Rs. 4,133 against the estimated cost of Rs. 4,500. The amount incurred in the repairs and cleaning of Kelly drain during 1922-23 was approximately Rs. 2,500.

Water Supply.

66. *Consumption of water*—The quantity of water supplied during the year was 5091·4 millions of gallons which is equivalent to nearly 26·5 gallons *per* head *per* day. The maximum average daily consumption *per* head in any month was 33·7 and the minimum was 21·1 gallons.

92 V

Administration Report. They stated that a half- grant roughly estimated at 13 lakhs of rupees was admissible for the improvement of the distribution system. Contracts for pipes, specials and valves were let. Except for replacements of breakages, the contracts had been practically completed by the end of the year. The work of laying the pipes is being carried out under the supervision of the Works Department and is proceeding rapidly.

DRAINAGE WORKS.

Revised Restricted Programme.

57. *Sewer Laying.*—The Revised Restricted Programme has been practically completed. There still remain a few sewers and a considerable number of house connections, which could not be laid on account of the impossibility of obtaining the smaller sizes of pipes. This difficulty, which considerably delayed the drainage work, was overcome when stoneware pipes were delivered by Messrs. Thos. Wragg & Sons under a contract amounting to about Rs. 4 lakhs. The area in which sewer laying has been in progress is mainly Purasawalkum, while numerous house connections have to be made in Royapuram and Purasawalkum.

The plans facing this page show the sewers that have been laid during the year under review in Purasawalkam, Royapuram and Chintadripet.

58. *Pumping Stations.*—The pumping plant for the Napier Park, Ice House road and Purasawalkum stations has all been delivered and erected.

The Napier Park pumping station has been working since 19th June 1922. The duty tests proved the engines to be up to the specification, but the pumps have not yet been taken over, pending the receipt of new impellers which the contractors have agreed to supply free of cost. The new plant has proved easily capable of dealing with the sewage flow and in consequence there has been a great improvement in the conditions of the sewers in Triplicane. The cost of pumping has been reduced from 5·45 annas per pump horse-power last year to 2·35 annas for the last six months.

In the case of the *Ice House Road Station*, the pumping plant has been installed, but the duty tests had not been completed at the end of the year.

At Purasawalkum Station,—the pumping plant proved perfectly satisfactory and easily able to comply with the specification requirements. The maintenance period has begun and the pumps are regularly pumping the sewage from the Purasawalkum area to the sewage farm, thus removing a source of much pollution of the Buckingham Canal.

59. *Urgently Required Drainage Works Programme.*—This programme, estimated to cost Rs. 130·46 lakhs was sanctioned by the Council as long ago as 21st

24

October 1921 on the condition that Government should provide for the capital cost, one half by grant and one half by loans. Government replied that while they had agreed to bear half the cost, they could not promise to lend from provincial funds all the money required by the Corporation. In the meantime, as the Revised Restricted Programme is practically complete, the sanction of the Corporation and the Government was obtained to proceed with four items of the Urgently Required Drainage Works Programme, namely :—

(1) Periamet intercepting sewer estimated to cost ... Rs. 5·27 lakhs.

(2) Langs garden pumping main estimated to cost .... ,, 0·2 ,,

(3) Extension of gravitation main No 5 estimated to cost ,, 1·13 ,,

(4) Chintadripet sewer laying estimated to cost ... ,, 6·05 ,,

All these works have been in progress.

Many complaints are received from Mylapore, Thousand Lights and other localities. It is to be hoped that a decision on the question of proceeding with the drainage will be reached at an early date, in order that work may be put in hand. In the meantime, steps have been taken to acquire the necessary land for the north and south Mylapore pumping stations.*

60. *Ice House Road Stormwater Drain.*—The stormwater drain down Gajapathelala street has proved effective in carrying a large quantity of storm water into the Canal during the monsoon rains. It has been found however, that the old underground drain from Triplicane High road to Tholasingappa Perumal Koil street is insufficient in size to carry off the water draining to the junction of Triplicane High Road and Ice House Road, and a scheme has been prepared for an additional stormwater drain, partly closed and partly open to take the excess water to the Canal. Should this work be carried out, there will be considerable relief to the whole of the area bordering on Ice House Road.

Anti-malaria Drainage.

61. The Washermanpet swamp drainage has been completed except for a few repairs which will be executed from savings.

The Anti-malaria main drainage channel in Purasawalkum has been extended as far as it is intended to carry it.

The Hospital plain stormwater drainage has been executed so far as funds permit. It is hoped that by a transfer of funds sufficient money may be found to complete this work.

*Since the above was written the council at its meeting held on 31st July 1923 passed the unsanctioned part of the urgently required Drainage Works Estimates, now reduced to Rs. 190 lakhs owing to fall in prices, with the rider that the work should be completed in about six years.

During the year the waste detection staff examined 14,675 houses and brought to notice over 1,431 defects in the service pipes. The pressure in the principal mains was restricted as shown below :—

Time.		Feet.
5–30 A. M.	...	30
8–0 A. M.	...	25
9–0 A. M.	...	20
11–0 A. M.	...	10
3–0 P. M.	...	15
8 P. M. to 5–30 A.M.	...	10
From 8–3–1923.		
5 A. M. to 8 A. M.	...	35
8 A. M. to 10 A. M.	...	30
10 A. M. to 11 A. M.	...	20
11 A. M. to 3 P. M.	...	15
3 P. M. to 8 P. M.	...	15
8 P. M. to 5 A. M.	...	10

67. *Kilpauk Pumping Station.*—The total number of gallons of water pumped during the year 1922–23 was 5091·4 millions as against 5061·30 millions in the previous year. The cost of maintenance of this station including establishment, labour, &c., amounted to Rs. 1,69,339 as against Rs. 1,89,243 last year.

The pumping plant is being worked to the maximum capacity. When new and larger pipes replace the existing choked and corroded pipes in the distribution system and as sewers are laid, consumption of water is bound to increase. It is, therefore, very necessary that the storage at Red Hills Tank should be increased by raising the full tank level by 1½ feet and an additional pumping unit installed at the pumping station. The present plant consists only of three units capable of pumping ¾ million gallons *per* hour. Two units are worked during hours of maximum consumption and even then, the demand is greater than the supply. An additional unit is necessary in order to avoid straining the present plant.

68. *Private Water Services.*—During the year, 541 new services were laid by licensed plumbers and 1,750 were repaired, cleaned, altered, or extended. Of these 541 new services, 84 were 1st class connections, and the rest, 2nd class. The

total number of house service connections in the City on 31st March 1923, was 31,875.

The number of meters on house services on 31st March 1923 was 1,453. Efforts are being made to extend metering of all service connections where consumption of water is non-domestic or above normal, as rapidly as funds permit. Meters are a valuable check on waste and undue consumption and in addition, are a source of revenue to the Corporation. Every endeavour is being made to run the water works on a self-supporting basis. The staff for detecting visible waste though small has done valuable work. Further installation of Deacon's waste meters on the distribution system would help the detection of invisible i. e. underground leakage. The maintenance of house meters should be placed on a more efficient basis. At present the staff is not sufficient and we are not able to repair meters and place them back on the services as quickly as we would wish.

There were 44 licensed plumbers during the year. The quantity used in excess of the free allowance on metered services was 467,569,050 gallons out of which 203,055,477 gallons were supplied for manufacturing purposes. The amount collected during the year was Rs. 5,81,619-10-10, as against Rs. 5,33,583-9-10 in the previous year.

69. *New Works.*—During the year, 2 furlongs, 8 and 2/3 yards of pipes were removed and cleaned and relaid and 3 miles 1 furlong 88½ yards of new mains (Table 25 Appendix II) were laid as against 2 miles 3 furlongs 35 yards of mains in the previous year. 35 valves, 160 stop-cocks, 13 hydrants and 135 meters were also fixed. The total expenditure under this head was Rs. 45,080 as against Rs. 24,617 in the previous year, the excess being due to the purchase of meters from Messrs. Crompton & Co.

70. There were 1,808 fountains, 75 cattle-troughs and 19 bathing fountains at the beginning of the year. 78 fountains 4 cattle-troughs and 14 bathing fountains were erected, 12 fountains and 2 cattle-troughs were removed during the year, leaving 1,874 fountains 77 cattle-troughs and 33 bathing fountains at the end of the year.

71. On the 1st April 1922 and on the 31st March 1923, the level of the Red Hills lake stood at 40·76 and 63·68 respectively. The rainfall and average water level, for each month as furnished by the Public Works Department are shown in Appendix II Table No. 28. The quantity of water taken out of the lake and measured at Red Hills during 1922-23 was 919,923,794 c. ft. as against 89,801,543 c. ft. in the previous year.

The total cost of maintaining the lake, filter beds, conduits, Kilpauk shaft, fountains, pipes etc., including establishment amounted to Rs. 1,07,705 as against Rs. 1,02,450 last year.

25

MISCELLANEOUS.

72. *Water Scarcity.*—Early in August 1922 the water level in the Red Hills lake fell very low as there was no rain in the year till then. The bottom valves in Jones Tower had to be opened, and the situation threatened to become serious. The following steps were taken to conserve the supply in the Lake:—

(i) Road watering was immediately stopped.

(ii) Supply of water for (a) gardening in Parks (b) bathing fountains (c) dhobi khanas was stopped.

(iii) Notices were issued in the local dailies inviting the public to help in reducing the waste of water and advising that water should not be used for gardening etc.

(iv) The pressures between 11 A. M. and 3 P. M. and during nights were reduced considerably. The situation became worse in September 1922. There was no sign of any rain. The level in the Lake fell rapidly and it was feared that we might have to resort to pumping water from the lake a step calculated to seriously affect the health of the City. With a view to defer this as long as possible a channel was excavated from the water spread near the old pumping station site to the nearest manhole on the conduit. The idea was to take the water by this channel into the conduit close by. The Channel was completed, but was not brought into use as fortunately there was good rain before the level dropped so low as to necessitate the use of the channel. The channel will be maintained as a useful standby in seasons of intense drought.

During the period of the drought, the Water Works Committee undertook a series of experiments with the sand filters. Their conclusions and report are awaited. As a safeguard against possible epidemics during the drought, all water that was not filtered was chlorinated and this chlorination continued until the end of the official year.

GENERAL.

Activities under the Town Planning Act.—The following 3 schemes have been proposed to be taken up under the Town Planning Act:—

(1) Mylapore Quadrilateral.
(2) Mambalam.
(3) Nungambakkam.

The Corporation agreed to take up the Mambalam Scheme on certain conditions. Government orders are awaited.

Administration.

73. *Notices.* 4,894 notices were issued under the various sections of the Act chiefly to prevent misuse and wastage of water and to remove encroachments, projections, unauthorised constructions, etc. Out of these, 4,228 were complied with.

74. *Permits.* 2,266 applications for permission to construct or reconstruct buildings and huts under sections 234 and 248 of the Act were received during the year, and in 1,880 cases, permits were granted. The remaining cases were either under correspondence or pending payment of license fees. The amount of license fees collected was Rs. 22,986-14-0, including charges levied for water used for building purposes.

75. *Prosecutions.* Magisterial proceedings were instituted in 133 cases, in 59 of which, convictions were secured and fines were levied amounting to Rs. 91 as against Rs. 66 in the previous year. In 70 cases, summonses were withdrawn as the parties themselves complied with the terms of the notices served on them subsequent to the prosecution. There were 4 cases undisposed of at the end of the year.

76. *Provisional and Final Orders.* In 970 cases, provisional orders under Section 256 (i) of the Act were issued and as the parties failed to comply, final orders were issued under Section 256 (iii) of the Act in 591 cases.

77. *Road Watering.* 12 miles, 3 furlongs and 80 yards of road were daily watered during the year under report. The expenditure incurred under this head was Rs. 14,628 as against Rs. 19,528 in the previous year.

EDUCATION.

78. *Number and strength of the Corporation Schools:*—The number of Corporation schools at the beginning of the year was 35. No new schools were opened during the year. The construction of six buildings for schools was sanctioned during the year at the following places and is nearing completion:—

1.	Suriyanarayana Chetti street, Royapuram	2nd	Division.
2.	Konditope	12th	"
3.	Anna Pillai street	13th	"
4.	Puliantope	16th	"
5.	Padavattammen Koil Street	18th	"
6.	Pudupakkam	24th	"

The Government in G. O. No. 292 Law (Education) dated 24th February 1923 sanctioned the transfer of the management and control of the two Govern-

ment Mahomedan girls schools at Mylapore and Perambore with effect from 1st February 1923 agreeing to pay an annual subsidy from 1923-24 at Rs. 3,517 and 1,445 respectively and the actual transfer took place in April 23.

The question of taking over the 12 Government Mahomedan elementary boys schools in the city is under consideration.

79. *Strength and Attendance:*—The number of pupils on the rolls on 31st March 1923 was 6,215 against 5,504 in the previous year. The strength of all the schools increased except in the case of a few schools where either from a dearth of teachers with qualifications in Telugu or Urdu or for want of some handicraft training suited to the requirements of the boys of the depressed classes of the locality there was a slight fall in the strength.

There was however a substantial increase in the total number of pupils, boys as well as girls, of whom there were 5,281 and 934 respectively against 4,722 and 782 in the previous year. The average attendance kept pace with the increase in strength and stood at 128 for a school and 4,463 for all the schools against 121 and 4,[illegible] respectively in the previous year. Admission to Corporation schools is free and open to children of all castes. The number of pupils from backward classes showed an increase and stood at 3,705 as against 3,075 at the end of last year. The experiment of providing tiffin to secure continuity and regularity of attendance of pupils which was begun in the Corporation school at Thousand Lights and subsequently extended to the pupils of the Corporation schools in Meersahibpet and Chetput was continued during the year. The experiment has proved a success as will be seen from the fact that the strength of the schools at Chetput, Thousand Lights and Meersahibpet rose from 131,247 and 140 in the previous year to 162, 305 and 200 respectively in the year under report. The attendance also proportionately rose from 85, 171 and 71 to 134, 213 and 130 respectively.

80. Statement I in Appendix III shows the comparative strength and attendance of pupils in the several corporation schools in 1921-22 and 1922-23.

81. An Elementary Education Fund was constituted from the beginning of the year. The Council recommended that a tax of 4·225% of the taxation leviable under "Property Tax" be levied for educational purposes under Section 34 (1) of the Elementary Education Act and that the rate of property tax be correspondingly reduced from $18\frac{1}{2}$% to $17\frac{3}{4}$%. The income anticipated from this source together with the grant of an equal amount payable by Government was taken into account in preparing the Budget Estimate for 1922-23 and liberal provision was made for the

expansion of elementary education in the city. But Government in their order No 971 Law (Education) dated 16th August 1922 expressed their inability to sanction the above proposal for the reason that it did not appear to be in consonance with the spirit of the Elementary Education Act, since there was no express undertaking on the part of the Corporation to contribute from its general revenues the amount usually spent by it on elementary education and to utilise the proceeds of the education tax only to provide for additional expenditure for the purpose of expansion of education by opening new schools etc. The amount provided for the acquisition of fresh sites and the construction of new schools had consequently to be considerably cut down.

82. *Staff.*—There were 203 male teachers including 30 handicraft Instructors and 4 female teachers on 31st March 1923. All of them with one or two exceptions were qualified.

83. *Accommodation.*—With the opening of schools in the buildings now in course of construction, the 40 schools scheme outlined in G. O. No. 820 M., dated 27th May 1911 would be an accomplished fact.

Of the 35 schools, 29 are held in Corporation buildings and 6 in rented ones. Three of the former are held in cheap design buildings and the branch school at Nochikuppam in a thatched shed.

The proposal for the construction of a school in Vellala Teynampet was sanctioned by the Council and necessary steps are being taken in the matter.

The acquisition of sites for school buildings in Mir Bakshi Ali street and Vannia Teynampet is in progress.

Proposals for the acquisition of sites in Egmore and Gopathy Narayanaswami Chetti street, Mylapore, were negatived by the Council at its meeting held on 21st November 1922, the Council being of opinion that there should be one building owned by the Corporation in each division before any division which already possesses one or more school buildings is provided with an extra one. Hence the Corporation schools at Egmore, Alwarpet and Bazaar Road, Mylapore will have to be located in rented buildings for some time to come.

84. *Vocational Education.*—Bazaar road and Jani Jahan Khan Road schools were provided with special appliances for wood work. There are 27 schools providing manual training in wood work and 3 schools giving instruction in tailoring. Tailoring has been introduced as an additional subject in the Corporation schools in Angappa Naick street and Vasapmode.

The Council at its meeting held on 20th May 1923 approved the draft scheme for pre-vocational instruction in Corporation schools and the suggestion to raise the standard of some of the Elementary schools of the Corporation to the higher

27

elementary grade to provide for an extensive course of vocational training. Steps are being taken to introduce in the Corporation schools at Vasapmode, Cassimode, Venkatarangam Pillai street, Korukupet, Strahans road, Purasawalkam, Chintadripet, Vallabha Agraharam, Oobrapalayam and Konditope netweaving, rope making and mat-making, spinning and weaving, higher carpentry, lace making, embroidery, masonry, printing and book-binding respectively.

85. *Night Schools* :—Night schools are held by private bodies in 24 of the Corporation schools. The schools in Venkatarangam Pillai street, Triplicane High road and Thousand lights were provided with electric lights for the benefit of the night schools and those in Purusawalkum, Goyatope and Sanjeevarayanpet will be similarly provided soon.

86. *Finance.*—A sum of Rs. 13,569-11-4 was spent on the construction of new school buildings and Rs. 2,095-4-9 in effecting repairs to existing school buildings. (statement II Appendix III). A sum of Rs. 1,23,240-3-4 was spent on equipment and maintenance of the Corporation schools and Rs. 937-12-9 on the maintenance of the model play ground and reading room, Egmore. In all, a sum of Rs. 1,39,843-0-2 excluding Rs. 32,986 paid as sinking fund and interest on loans, was spent towards education.

87. *Reading Rooms.*—The Rangachariar free reading room and model play ground, Egmore continued to provide instruction and recreation for children in the locality. The following reading rooms are aided by the Corporation :—

1. Progressive union reading room.
2. Dravidian reading room & library, Egmore.
3. Ratnavelu Chettiar's reading room and library.
4. Rajah Sir Ramaswami Mudaliar reading room and library, Komaleswaranpet.

88. *General Remarks* :—M. R. Ry. M. T. Venkatachariar, B. A. L. T. reverted to Government service in September 1922 and M. R. Ry. P. Ekantarangam Naidu, B. A. L. T. was appointed Superintendent of Schools in his place.

Grant III—Sanitation and Medical Services.

Hospitals and Dispensaries.

89. *Rajah Sir Ramaswami Mudaliar Lying-in-Hospital.*—The amount spent on this institution was Rs. 30,254-2-8 against Rs. 35,308-12-1 in the previous year and against Rs. 33,740 in the Revised Estimate. The total number of in-patients treated was 2,541 against 2,042 and that of out-patients 3,797 against 4,150 in the previous year.

The report of the Medical Officer of the above hospital and the reports of the other hospitals and dispensaries appear in Appendix IV.

Contributions.

90. *Hospitals.*—The usual contribution of Rs. 20,000 for hospitals was paid to the Provincial Funds during the year.

91. *San Thome Dispensary.*—The monthly contribution of Rs. 98–5–4 and an annual contribution of Rs. 200 sanctioned in G. O. No. 1036 L, & M. Mis. dated 6th June 1921 were paid to this dispensary during the year. The number of patients treated was 1,1265 against 11,211 in the previous year.

92. *St. Thomas Convent Dispensary.*—The usual contribution of Rs. 25 per mensem sanctioned in G. O. No. 912 M. Mis., dated 14th Jnue 1919 was paid to this dispensary. The number of patients treated was 8,738 against 6,706 in the previous year.

93. *The Madras Ayurvedic Dispensary.*—A contribution of Rs. 1,000 sanctioned in G. O. No. 833 M. dated 22nd June 1920 was paid to this dispensary during the year. The number of patients treated was 6,664 against 7,738 in the previous year.

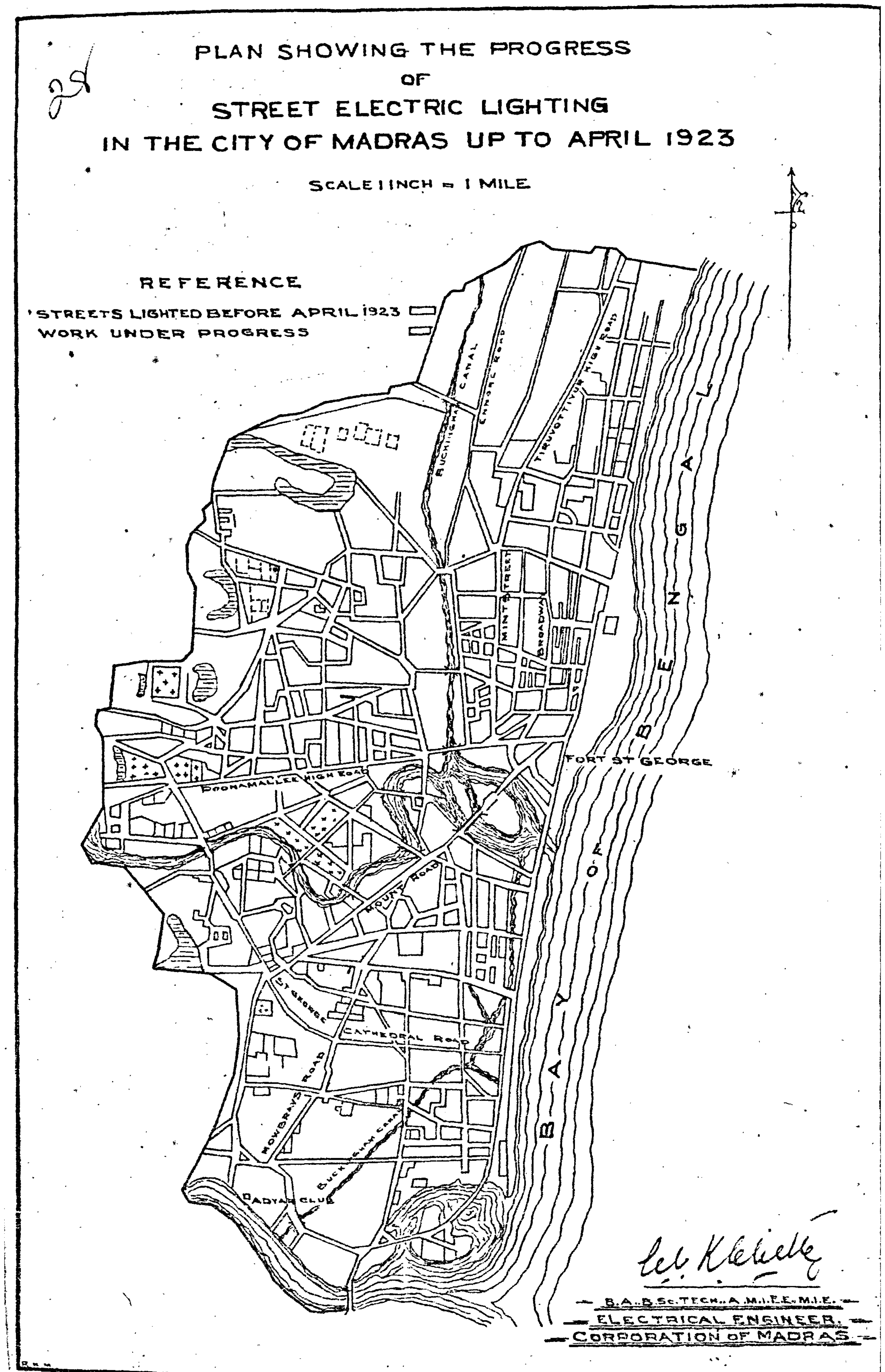
94. *Sri Kanyaka Parameswari Dispensary.*—A contribution of Rs. 500 sanctioned in G. O. No. 833 M. dated 22nd June 1920 was paid to this dispensary during the year. The number of patients treated was 27,488 against 27,952 in the previous year.

95. *Venkataramana Dispensary.*—The usual contribution of Rs. 100 sanctioned in G.O. No 833 M. dated 22nd June 1920 was paid to this dispensary during the year. The contribution of Rs. 100 which was not paid during 1921–22 was also paid during the year. The number of patients treated was 28,316 against 28,383 in the previous year.

96. *Kalyani Hospital.*—The usual contribution of Rs. 1,000 was paid to this hospital during the year. The number of patients treated was 9,523 against 9,582 in the previous year.

97. *Pasteur Institute of South India, Coonoor.*—The annual contribution of Rs. 250 sanctioned in G. O. No. 14 M. dated 15th January 1909 was paid during the year.

98. *Monegar Choultry and Native Infirmary.*—The annual contribution of Rs. 1,500 sanctioned in G. O. No. 646 M. dated 22nd April 1909 was paid towards the maintenance of these institutions.



Reg. No. 495
Copies. 600

Vandyke., Survey Office, Madras.
1923

99. *Georgetown Dispensary.*—The annual contribution of Rs. 8,824 was paid during the year.

100. *The Madras Society for Protection of Children,*—The contribution of Rs. 600 sanctioned in G. O. No. 1036 L & M. Mis., dated 6th June 1921 was paid to this institution during the year.

101. *School for the Deaf, Mylapore.*—The contribution of Rs. 250 sanctioned in G. O. No. 833 M. dated 22nd June 1920 was paid to this institution during the year.

102. *Kalavala Cunnan Chetti Dispensary.*—The contribution of Rs. 100 sanctioned in G. O. No. 833 M. dated 22nd June 1920 was paid to this dispensary. The number of patients treated was 35,708 against 56,022 in the previous year.

103. *The Unani-Dar-ush-Shifa (The Unani Free Dispensary) Triplicane.*—A contribution of Rs. 500 sanctioned in G. O. No. 571 L. & M. dated 8th March 1923 was paid to this dispensary during the year. The number of patients treated was 55,493.

Grant IV—Miscellaneous Municipal Purposes
Lighting.

104. The total number of Kerosine oil lamps at the beginning of the year was 1,805. Two lamps were newly added and 408 were removed owing to the extension of electric lighting in the City during the year, the total number at the end of the year being 1,399. A sum of Rs. 6,310 was imposed as fine on the lighting contractor for bad lighting in 1922–23. The expenditure under maintenance of street lighting was Rs. 21,129 as against Rs. 36,826 in the previous year. The amounts paid to the lighting contractor alone were as detailed below.

(a) Kerosine lights	Rs.	20,174
(b) Electric lights (M.E.S.C.)	Rs.	52,937
Total ...		73,111

A sum of Rs. 955 was spent on departmental maintenance for the above lights.

105. *Street Electric Lighting.*—The attached plan shows the progress of street electric lighting made since 1912–13. A tabular statement showing the length of cable laid, streets electrically lit and the number of lights installed in each year is given below.

Years.	Length of cable laid.	Number of lights. Installed.	Removed.	Balance.
1912–13	10·00 miles.	452	...	452
1913–14 ...	11·00 ,,	224	2	222
1914–15 ...	12·00 ,,	335	...	335
1915–16 ...	20·00 ,,	868	8	860
1916–17	5·00 ,,	277	8	269
1917–18 ...	6·94 ,,	275	1	274
1918–19 ..	17·47 ,,	618	...	618
1919–20 ...	17·95 ,,	574	9	565
1920–21 ...	27·08 ,,	541	23	518
1921–22 ...	31·69 ,,	1,358	37	1,321
1922–23 ...	44·75 ,,	580	32	548
	203·88 ,,	6,102	120	5,982

During the year 1922–23, 44·75 miles of cable was laid, of which, 28·5 miles was laid in 1-4 divisions and 11·5 miles in the 16th division and the rest in several other divisions. 580 lamps were lit. 889 glow lamp posts were fixed in 1–4 divisions and 249 in 16th division, and they will all be lit soon after the construction and fitting up of sub-stations in 1–4 divisions and 16th division. The total number of electric lights lit at the end of March 1923 is 5,982.

The Madras Electric Supply Corporation have laid their distributors in some of the main streets in the city and the total length of their low tension mains is 134·28 miles. In addition to the above there are now 203·88 miles of cable laid by the Madras Corporation for street lighting purposes.

Divisions 5 to 15 and 17 to 30 have been completely lighted with electricity. In 1 to 4 divisions and 16th division, low tension underground mains have been laid and the construction of sub-stations has been commenced. The erection of overhead low tension lines and the laying of high tension mains, will be completed before the end of the present year, when the whole city will be completely lit. The lighting of burial grounds with electricity, sanctioned by council in its resolution dated 22nd August 1922 will be taken up soon after the lighting of 1–4 and 16 divisions.

In Mantapam road, 21st division and Ellapatha, Mada Coil street, 29th division, overhead mains were drawn for street lighting purposes and bracket lamps specially made for the purpose were fixed and lit.

The following is a list of the installations completed during the present year in the Municipal buildings in the city.

1. Corporation model school, Venkatrangam Pillai street.
2. Drainage Superintendent's office, Ripon Buildings.

30

3. Foundry shed, Workshop.
4. Shifting and installing lights and fans in the Shroff's room, Revenue Department.
5. Special Assistant Engineer's room (Water Works).
6. Gram Depot. Trevelyan basin.
7. Superintendent's room, Revenue Department, R. B.
8. Office of the Superintendent, Moore Market.
9. Ice House road pumping station.
10. Electric motor in People's Park.

The statement below shows the number of oil and electric lights in the various divisions up to 31st March 1923:—

Division No.	Electric lights	Oil lights. In public streets.	In private streets.	In burial grounds.	
1	47	146	...	...	
2	80	188	...	...	
3	6	195	...	...	
4	46	303	...	...	
5	113	...	...	...	
6	231	...	...	....	
7	98	...	...	....	
8	113	....	...	...	
9	151	...	...	...	
10	157	...	...	...	
11	90	...	....	...	
12	162	...	...	...	
13	129	...	...	....	
14	107	...	...	...	
15	165	....	....	....	
16	71	389	....	....	
17	192	...	3	...	
18	261	...	...	...	
19	250	...	...	....	1 Harris Rd. Depot.
20	396	....	7	...	
21	370	...	27	9	
22	496	...	17	6	
23	206	...	....	....	
24	298	...	...	...	
25	229	...	6	...	
26	215	...	10	....	
27	178	...	...	...	
28	357	...	24	18	
29	454	2	6	...	
30	314	37	5	...	
Total ...	5,982	1,260	105	33	1

Expenditure.

	Rs.	A.	P.
Bills paid to Madras Electric Supply Corporation for energy consumed by the street electric lights during 1922-23	52,936	8	7
Maintenance and other charges	2,582	11	3
Repairs to electric lamps	26,216	0	0
Establishment and allowances	18,602	7	6
Labour	24,866	5	2
Total ...	1,25,204	0	6

Capital Works.

		Revised Estimate.			Appropriation.		
		Rs.	A.	P.	Rs.	A.	P.
1920-21	....	5,00,000	0	0	4,11,381	0	0
1921-22	...	5,00,000	0	0	2,88,112	5	2
1922-23	...	7,00,000	0	0	6,73,112	0	10

Avenues.

106. The total number of avenue trees at the end of the year under report was 13,418 of which 1,185 were fruit bearing ones. During the year 552 ordinary trees were planted and 250 trees were removed, of which, 17 were fruit bearing ones The expenditure incurred under this head was Rs. 4,931. Out of the tender plants that required watering during the year, 46 did not survive.

Public Parks.

107. The City parks continued to be under the supervision of the Engineer throughout the year.

During the year, the triangular portion west of the Moore Market was improved and made into a lawn. Ornamental cement pedestals were put up around the band stand. The Royal Bath was opened for public use on the 5th April 1922 and the amount collected in the shape of admission fees was Rs. 1,127-4-0.

An exhibition of foliage, plants, ferns, and flowers from the parks was held for the fourth time in the People's park on the 24th and 25th February 1923. His Excellency Lord Willingdon opened the show.

31

The menagerie in the People's Park continued to be under the charge of the Health Officer.

Attempts were made during the year to repair the cages and enclosures but owing to want of funds the whole work could not be taken in hand. The repairs to the aviary enclosures were undertaken and more partitions were made in the deer enclosure to keep them according to their species. For constructing a lions cage a sum of Rs. 10,000 was sanctioned by the Council and the work will be taken on hand very early.

A sum of Rs. 3,000 which was available under "feeding animals and birds" under "labour" due to low rates of food supply tendered was reappropriated for the purchase of animals but as the Council accorded sanction for the above proposal only at the close of the year the amount could not be spent during the year under report. The amount will however be carried over and the menagerie improved.

Receipts.

The right of collecting the entrance fees from persons visiting the menagerie enclosure for one year from 1st April 1922 was sold by public auction and the amount realised from the contractor was Rs. 12,179-1-6 as against Rs. 12,419-11-11 in the previous year.

The total collections from all sources was as follows:—

Entrance fee collections	...	Rs.	12,179—1—6
Rent for keeping bazaars	...	„	460—0—0
Plying pleasure boats in the menagerie lake for 3 years from 1-4-22	...	„	375—0—0
Miscellaneous sales	...	„	223—5—3
		Rs.	13,237—6—9

Charges.

During the year, the supply of animal food was made at the following rate:—

He-goats' meat at Rs. 0-5-9 per lb.

Beef at Rs. 0-1-6 per lb.

and the supply of provisions was made to the value of Rs. 687-8-6 approximately.

Live Stock.

(*a*) *Additions.*—The following animals and birds were born in the menagerie during the year:—

20	rabbits	2	Sambar deer.
4	black swans	6	pigeons.
1	spotted deer	7	Guinea pigs.

The animals that were presented during the year were

1	sambar deer	2	guinea fowls.
3	leopards	3	pea fowls.
5	night herons	10	common monkeys
20	pigeons	3	cranes
1	civetcat	3	rabbits.
2	spotted deer	2	African sand dogs.
2	Turkeys	2	toddy kittens
4	fowls	1	python.
		1	sinkara deer.

and those that were purchased were :—a pair of lions, a white gibbon, a black gibbon, 2 pairs of rabbits, 2 pairs of ducks, a Japan monkey, a pair of ostriches and a crowned python.

(*b*) *Removals.*—17 guinea pigs, 13 rabbits and a spotted deer were sold during the year. A sinkara deer was killed by a sambar deer in a fight between the two. A toddy cat was destroyed as its liver came out.

The animals that died out of natural causes were :—

1	kangaroo	1	country fowl
1	java sparrow	2	guinea pigs.
1	wild dog	1	leopard
7	doves	1	black bear.
2	guinea fowls	1	wanderoo monkey.
1	white gibbon	2	toddy kittens.
1	wallaby	1	black swan.
1	macaw parrot	1	nilgai
1	Peafowl	1	rock snake.
1	tigress		
1	baby crocodile		

The saleable value of the live stock on 31st March 1923 was Rs. 12,153-0-0.

32

The improvement of Loane Square was taken on hand at the close of the year and the work is under progress. The band of the Madras Guards played during the year, twice a week in the Marina and four times a month in the People's Park and Loane Square, twice a month in the Robinson Park and Park Town Square and once a month in the Sivagnanam Park.

The receipts and charges of the City Parks are shown in Appendix II, Tables Nos. 31 to 35.

Fire.

108. The cost of maintenance of three motor engines including establishment was Rs. 35,761-13-6 as against Rs. 34,765 in the previous year. The excess was due to the renewal of certain main parts.

There were 69 fire calls during the year as against 104 in the previous year. The engines worked only in 27 cases. In the remaining cases fires were extinguished before the engines arrived on the scene.

Grant V Supervision and Management.

109. The expenditure under this head amounted to Rs. 2,94,352-3-11 and was 5·23 per cent of the total receipts of the year. The portion of this sum, spent on the establishment maintained for the purpose of assessment and collection amounted to Rs. 1,81,631-9-9 or 3·26 per cent of the total receipts.

Repayment of debt.

110. The total investments at the beginning of the year on account of sinking funds relating to the several loans of the Corporation exclusive of the Government loans repayable in instalments stood at Rs. 33,29,300 in Government securities and Madras Municipal debentures with a cash balance of Rs. 1,405-13-9. During the year under report, an allotment of Rs. 1,38,397 was made to the sinking fund from general revenues and a sum of Rs. 1,37,393 3-5 was realised as interest on prior investments of the fund. The total cash receipts of the year amounted to Rs. 2,77,196-1-2. With this sum Government securities and Madras Municipal debentures of the face value of Rs. 2,56,900 were purchased at a cost of Rs. 2,58,201-2-8. The investments at the close of the year at the credit of the fund aggregated to Rs. 35,86,200 in Government securities and Madras Municipal debentures with a cash balance of Rs. 18,994-14-6. Payments amounting to Rs. 4,86,919-3-2 were also made during the year towards the Government instalment loans of Rs. 48 lakhs out of which Rs. 2,89,155-12-7 was appropriated by the Accountant-General towards the repayment of loans and Rs. 1,97,763-6-7 towards interest.

Deposit Account.

111. This account which exhibits the transactions relating to Corporation stores and Workshop, the payments made on account of sinking fund for loans raised in the open market and the security deposits of the Corporation servants and contractors &c., opened with a balance of Rs. 22,04,371–10–4. The receipts during the year amounted to Rs. 13,38,339–9–9 and the expenditure to Rs. 11,11,755–15–0 leaving a balance of Rs. 24,30,955–5–1 at the close of the year.

Workshop.

112. The total value of work turned out in the Workshop during the year was Rs. 2,28,946-2-10 (Appendix 11 Table 36) against Rs. 1,84,354-4-0 in 1921–22.

The amount earned in the shape of supervision charges for the year was Rs. 29,013-2-0 against Rs. 25,264-13-0 in 1921–22.

The cost of establishment including allowances came to Rs. 20,233–1–3 against Rs. 19,800–2–8 in 1921–22. The expenditure on account of wages to maistries, contingent charges, general charges, cost of tools, leave allowance to workmen &c., amounted to Rs. 24,068–10–9 or 10·5 °/。 on the value of works turned out against Rs. 22,132-1-4 or 11·98 °/。 of last year.

The total receipts fell short of the expenditure by Rs. 15,288-10-0, against Rs. 16,667-7-0 in the previous year.

Ripon Buildings,
Madras 12th August 1923.

M. BAZLULLAH,
Commissioner.

33

STATEMENT I.—Receipts of the Corporation of Madras during the Official Year 1922-23.

Items.	Actuals, 1921-22			Budget Estimate for 1922-23.			Revised Estimate for 1922-23.			Actuals, 1922-23. Details of Minor Heads			Actuals, 1922-23. Totals of Major Heads			Explanation of variations between the Actuals and the Revised Estimate of 1922-23.
1	2			3			4			5			6			7
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
I.—CAPITAL ACCOUNT—																
Receipts																
1. Opening Balance—																
(a) General Fund ...	1,77,166	0	6	5,65,680	0	0	5,25,350	0	0	5,25,347	14	0	...	...	...	
(b) Water and Drainage Fund ...	2,89,139	9	4	12,24,340	0	0	16,24,690	0	0	16,24,691	0	8	...	...	...	
(c) Lighting Fund ...	...	.		2,06,160	0	0	88,610	0	0	88,609	11	5	...	...	...	
Total ...	4,66,305	15	10	19,96,180	0	0	22,38,650	0	0	...	...	.	22,38,648	10	1	
3. Revenue derived from Municipal Property and powers apart from taxation—																
(h) Interest on Investments ...	26,144	13	4	20,000	0	0	54,760	0	0	...	.	..	69,185	12	3	
4. Grants and Contributions—																
(a) From Government—																
i. Improvement of water-supply and Drainage ...	10,00,000	0	0	6,00,000	0	0	3,00,000	0	0	...	...	...	3,00,000	0	0	
5. Miscellaneous:																
i. Other items ...	...	...	...	...	...	...	...	...		2,17,425	7	3	...	...	...	
Total ...	...		...	...	...	...	...	...	...	...	...	...	2,17,425	7	3	Represents the cost of damages realized from Messrs. Unalton & Co. for breach of their contract.
6. Extraordinary and Debt—																
(a) Loan—																
i. From Government ...	11,00,000	0	0	6,00,000	0	0	3,00,000	0	0	3,00,000	0	0	...	...	...	
ii. In the market from private individuals	6,60,600	0	0	6,90,000	0	0	9,03,400	0	0	9,03,400	0	0	...	...	...	
Total ...	17,60,600	0	0	12,90,000	0	0	12,03,400	0	0	...	...	...	12,03,400	0	0	
Advances recovered—																
i. Permanent ...	...	...	...	...	...		...	...	...	...	...	...	...			
ii. Others ...	2,12,182	14	6	2,000	0	0	16,120	0	0	14,933	6	2	...	...	...	
Total ...	2,12,182	14	6	2,000	0	0	16,120	0	0	...	...	.	14,933	6	2	
Total Receipts ...	34,65,233	11	8	39,18,180	0	0	38,12,080	0	0	...	...	...	40,43,693	3	9	
Expenditure																
GRANT I.—(*Public Works*)—																
1. New Works—																
(b) Buildings ...	45,691	9	0	2,84,000	0	0	1,03,520	0	0	36,404	14	6	...	...	...	
(c) Drainage ...	6,50,493	11	11	9,75,000	0	0	7,66,000	0	0	6,67,416	1	8	...	...	...	
(d) Water-supply ...	1,37,082	10	6	12,85,000	0	0	8,50,000	0	0	6,18,904	10	7	...	...	...	
Total ...	8,33,237	15	5	25,44,000	0	0	17,19,520	0	0	...	...	...	13,22,725	10	9	

34

Items.	Actuals, 1921-22 Rs.	A.	P.	Budget Estimate for 1922-23 Rs.	A.	P.	Revised Estimate for 1922-23 Rs.	A.	P.	Details of Minor Heads Rs.	A.	P.	Totals of Major Heads Rs.	A.	P.	Explanation
Establishment—																
i. Drainage ...	67,283	1	6	81,000	0	0	73,220	0	0	68,173	5	11	...	..	.	
ii. Water-supply ...	14,396	0	1	26,000	0	0	22,000	0	0	9,554	14	11	...	...	...	
iii. Allowances ...	1,779	11	10	...	...	...	...	..	.	...	...	.	...	...	...	
Total ..	83,458	13	5	1,0,7000	0	0	95,220	0	0	...	...	...	77,728	4	10	
Total Grant I ...	9,46,696	2	10	26,51,000	0	0	18,14,740	0	0	...	...	..	14,00,453	15	7	
GRANT IV.—*Miscellaneous Municipal Purposes*—																
1. Lighting—																
Additional Lamps ...	2,78,147	4	1	7,00,000	0	0	7,00,000	0	0	...	...	...	4,00,425	2	6	
Advances Recoverable—																
i. Permanent ...	...	...	...	...	...	...	...	...	...	...	...	..	...		...	
ii. Others ...	1,741	10	8	...	...	...	2,100	0	0	2,53,780	15	4	...	...	...	
Total ...	1,741	10	8	...	...	...	2,100	0	0	...	...	...	2,53,780	15	4	Represents advances made during the year.
Transferred to Education Fund ...	...	...	...	2,10,440	0	0	79,110	0	0	...	...	...	...	.	.	
Total Expenditure ...	12,26,585	1	7	35,61,440	0	0	25,95,950	0	0	...	..		20,54,660	1	8	
Closing Balance—																
General Fund ...	5,25,347	14	0	2,71,240	0	0	4,20,120	0	0	5,66,542	15	4	...	.	.	
Water and Drainage Fund ...	16,24,691	0	8	79,340	0	0	11,67,490	0	0	8,93,446	11	8	...	...	...	
Lighting Fund ...	88,609	11	5	6,160	0	0	2,29,370	0	0	5,28,943	7	1	...	..	.	
Total ...	22,38,648	10	1	3,56,740	0	0	18,16,980	0	0	...	...	...	19,88,933	2	1	
Grand Total ...	34,65,233	11	8	39,18,180	0	0	44,12,930	0	0	...	...	...	40,43,593	3	9	
II—REVENUE ACCOUNT—																
Receipts.																
1. Opening Balance—																
(a) General Fund ...	2,84,481	12	10	1,14,740	0	0	2,47,760	0	0	2,47,762	3	5	...	...	...	
(b) Water and Drainage Fund ...	...	...	...	...	.	.	...	..	.	...	...	...	...	...	...	
(c) Lighting Fund ...	...	...	.	84,700	0	0	94,080	0	0	94,074	11	3	...	...	...	
Total ...	2,84,481	12	10	1,99,440	0	0	3,41,840	0	0	...	...		3,41,836	14	8	
2. Municipal Rates and Taxes—																
(a) Tax on Arts, &c. (Sec. 120) ...	5,71,378	13	2	5,73,000	0	0	5,76,000	0	0	5,86,982	4	0	...	...	.	
(b) Tax on Buildings and Lands (Sec. 129) ...	13,81,351	15	8	14,25,600	0	0	16,00,810	0	0	15,89,342	5	3	...	..	...	
(c) Tax on Lands (Sec. 141) ...	16,906	15	8	20,650	0	0	20,810	0	0	18,391	14	10	...	.	...	
(d) Water and Drainage Tax on Buildings and Lands (Sec. 145) ...	8,07,778	6	9	9,97,710	0	0	10,40,530	0	0	10,36,508	15	10	...	.	...	
(e) Water and Drainage Tax on Lands (Sec. 140)	10,996	3	3	13,420	0	0	13,530	0	0	11,054	11	7	...	...	...	
(f) Lighting Tax on Buildings & Lands (Sec. 148)	2,76,239	11	4	3,06,280	0	0	3,20,160	0	0	3,18,925	13	7	...	.	...	
(g) Lighting Tax on Lands (Sec. 149) ...	3,387	14	5	4,130	0	0	4,160	0	0	3,678	6	2	...	...	...	
	31,58,035	0	3	33,40,790	0	0	35,76,000	0	0	35,65,784	7	3	...	...	...	
Carried over	2,84,481	12	10	1,99,440	0	0	3,41,840	0	0	...	...	...	3,41,836	14	8	

21-22
817575
83459
901034 -

22-23
1286321
77728
1364049

1381352
16907
892229

STATEMENT I.—Receipts of the Corporation of Madras during the Official Year 1922-23—(*Continued.*)

Items.	Actuals, 1921-22.			Budget Estimate for 1922-23.			Revised Estimate for 1922-23.			Actuals, 1922-23. Details of Minor Heads			Actuals, 1922-23. Totals of Major Heads.			Explanation of variations between the Actuals and the Revised Estimate of 1922-23.
1	2			3			4			5			6			7
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
Brought forward ..	2,84,481	12	10	1,99,440	0	0	3,41,840	0	0	...	...	.	3,41,836	14	8	
2. Municipal Rates and Taxes—*Continued.*	31,58,035	0	3	33,40,790	0	0	35,76,000	0	0	35,65,734	7	3				
(h) Tax on Vehicles with springs (Sec. 150) ..	1,52,890	8	0	1,47,500	0	0	1,80,000	0	0	1,73,367	4	0				
(i) Tax on Animals (Sec. 150)	28,004	13	9	32,000	0	0	31,000	0	0	27,375	4	5				
(j) Tax on Carts and other Vehicles without springs (Sec 158)	45,472	0	0	46,000	0	0	46,000	0	0	46,302	1	6				
(k) Tolls on Vehicles and Animals entering Municipal Limits (Sec. 164)	51,821	0	7	68,000	0	0	69,000	0	0	71,009	8	2				
(l) Tax on Timber ...	1,57,083	13	1	1,50,000	0	0	1,50,000	0	0	1,51,014	6	6				
Total ...	35,94,207	3	8	37,84,290	0	0	40,52,600	0	0	...	..	..	40,34,852	15	10	
3. Revenue derived from Municipal property and powers apart from Taxation—																
(a) i. Payment for Occupation of Municipal Lands ..	4,319	7	6	3,000	0	0	3,100	0	0	4,672	14	6				
ii. Rent of Lands and Buildings ...	41,579	5	7	38,000	0	0	41,470	0	0	44,209	6	5				
(b) i. Sale-proceeds of Lands and Buildings ..	17,686	10	8	1,000	0	0	6,000	0	0	8,372	7	4				
ii. Esplanades, &c., Grazing Rents ...	2,210	0	0	500	0	0	2,000	0	0	3,059	8	0				
iii. Rent of Cart-stand ...	7,875	10	8	7,800	0	0	8,200	0	0	6,606	11	11				
iv. Rent of Municipal Wharf ...	1,000	0	0	1,600	0	0	1,600	0	0	1,600	0	0				
v. Produce of lands, Gardens, &c.—																
1. People's Park ...	13,463	9	11	500	0	0	2,300	0	0	2,418		7				
2. Napier Park ...	6	0	0	...	...	...	...	...	...	...	0	...				
3. Robinson Park ..	680	3	8	650	0	0	650	0	0	873	13	2				
4. Sivangnanam Park ...	...	12	0	...	..	...	...	...	.	...	...	...				
5. Grass Farm ..	11,459	7	0	16,000	0	0	16,000	0	0	9,498	13	0				
6 Office Lawn ...	8	0	0	10	0	0	..	...	...	...	...	...				
7. Loane Square ...	...	...	.	...	...	.	..	...	.	...	.	.				
vi. Sale-proceeds of old materials ..	22,452	5	0	5,000	0	0	7,500	0	0	344	5	6				

Items.	Actuals, 1921-22.			Budget Estimate for 1922-23.			Revised Estimate for 1922-23.			Actuals, 1922-23. Details of Minor Heads			Actuals, 1922-23. Totals of Major Heads.			Explanation
(c) Conservancy Receipts—																
Sale of Rubbish ...	26,321	4	10	30,000	0	0	20,000	0	0	18,574	6	3				
Private Scavenging ...	20,304	11	5	16,000	0	0	20,000	0	0	20,725	0	9				
(d) Hospital Receipts ..	...	...	...	...	...	..	...	..		...	...	...				
(e) i. Income from Markets (Sec. 337)—																
1 Smithfield Market ...	2,450	0	0	2,500	0	0	2,500	0	0	2,411	7	8				
2 Moore Market ...	39,680	12	0	37,000	0	0	38,000	0	0	41,594	0	4				
ii. Income from Slaughterhouses (Sec. 331) and Slaughter of Animals for food (Sec. 334) ...	80,771	15	10	78,000	0	0	80,000	0	0	79,099	4	3				
iii. Income from Menagerie ...	...	...	...	13,000	0	0	13,000	0	0	13,237	6	9				
iv. Income from Dhobykhana ...	2,023	0	0	2,000	0	0	1,800	0	0	1,509	8	0				
v. Income from Lethal Chamber ...	219	1	11	250	0	0	200	0	0	193	10	6				
vi. Do Model cattle yard ...	...	..	...	500	0	0	450	0	0	451	0	0				
vii. Duty on transfer of property ...	1,13,194	10	0	1,20,000	0	0	1,10,000	0	0	1,12,811	12	5				
(f) Other Fees—																
i. Private Markets (Sec. 314) ...	6,050	0	0	6,050	0	0	7,200	0	0	7,150	0	0				
ii. License Registration ..	1,47,082	7	7	1,25,000	0	0	1,50,000	0	0	1,55,257	6	4				
iii. Fees for furnishing extracts of births and deaths ...	1,100	4	0	1000	0	0	1,000	0	0	1,047	7	0				
iv. Cartstand Fees ...	1,500	0	0	1400	0	0	1,220	0	0	1,440	0	0				
v. Distraint Fees ...	149	15	10	100	0	0	100	0	0	240	4	0				
(g) Fines under Municipal and other Acts—																
i. Municipal ...	3,695	12	0	4,500	0	0	5,000	0	0	3,719	8	0				
ii. Police ...	...	...	.	...	...	...	..	...	...	...	...	...				
(h) Interest on Investments—																
Medical ...	1,923	8	0	1,920	0	0	1,920	0	0	1,923	8	0				
General ...	...	...	...	...	...	...	...	...	...	267	5	2				
Total ...	5,72,758	15	5	5,13,280	0	0	5,41,210	0	0	...	.	.	5,43,299	0	1	
4. Grants and Contributions—																
(a) From Government—																
(1) Roads ...	20,000	0	0	20,000	0	0	20,000	0	0	20,000	0	0				
(2) Repairing structures of bridges over the Coonm and over the Buckingham Canal ...	4,219	0	0	4,220	0	0	4,220	0	0	4,219	0	0				
(3) Compensation for Tax on places used for sale of Spirituous and Intoxicating Liquors	13,607	0	0	13,610	0	0	13,610	0	0	13,607	0	0				
(4) Zoological Collection in People's Park ...	2,000	0	0	2,000	0	0	2,000	0	0	2,000	0	0				
(5) Raja Sir Ramasamy Mudaliyar Lying-in-Hospital ..	200	0	0	300	0	0	430	0	0	400	0	0				
(6) Census ...	...	...	...	...	...	...	8,210	0	0	8,204	14	4				
Total ...	40,026	0	0	40,130	0	0	48,470	0	0	...	.	...	48,430	14	4	
Carried over ...	44,91,473	15	11	45,37,140	0	0	49,84,120	0	0	...	...	.	49,68,419	12	11	

34

35

STATEMENTS I & II—Receipts and Expenditure of the Corporation of Madras during the Official Year 1922-23—(*Continued*).

Items.	Actuals, 1921-22. Rs.	A.	P.	Budget Estimate for 1922-23. Rs.	A.	P.	Revised Estimate for 1922-23. Rs.	A.	P.	Actuals, 1922-23. Details of Minor Heads. Rs.	A.	P.	Actuals, 1922-23. Totals of Major Heads. Rs.	A.	P.	Explanation of variations between the Actuals and the Revised Estimate of 1922-23
1	2			3			4			5			6			7
Brought forward ...	44,91,473	15	11	45,37,140	0	0	49,84,120	0	0	...	...	...	49,68,419	12	11	
5. Miscellaneous—																
(a) Payment for water for non-domestic purposes ...	5,33,588	9	10	4,50,000	0	0	4,50,000	0	0	5,80,869	10	10				
(b) Sundry Receipts—Water works ...	28,400	14	10	25,000	0	0	25,000	0	0	27,171	0	(				
(c) Vaccination fees ...	340	8	6	200	0	0	250	0	0	331	13	(				
(d) Refund from expenditure of previous years	6,490	6	3	4,000	0	0	4,000	0	0	196	5	0				
(e) Workshop receipts ...	30,604	12	3	37,800	0	0	27,800	0	0	29,013	2	0				This is a fluctuating item
(f) Suspense ...	...	...	.	...	...	...	...	...	...	...	...	...				Do.
(g) Other Items ...	6,843	15	2	9,000	0	0	9,000	0	0	17,152	9	10				
(h) Malaria Receipts ...	...	...		...	0	0	...	0	0	226	1	4				Do.
Total ...	6,06,264	2	4	5,26,000	0	0	5,16,050	0	0	...	...	...	6,54,960	10	0	
6. Extraordinary and Debt—																
(b) Realization of Sinking Fund—Interest on Waterworks Loan of 1869—78 ...	...	...	...	32,980	0	0	32,980	0	0	...	...	...	32,986	0	0	
Advances recovered—																
i. Permanent ...	50	0	0	...	...	...	...	...	...	320	0	(	...	..	..	
Others ...	61,634	11	9	6,000	0	0	78,000	0	0	57,088	13	11	...	..	..	
Total ...	61,684	11	9	6,000	0	0	78,000	0	0	...	..	...	57,408	13	11	
Totall Receipts ...	51,59,422	14	0	51,02,120	0	0	56,11,150	0	0	...	..	..	57,13,775	4	10	

Items.	Actuals, 1921-22. Rs.	A.	P.	Budget Estimate for 1922-23. Rs.	A.	P.	Revised Estimate for 1922-23. Rs.	A.	P.	Actuals, 1922-23. Details of Minor Heads. Rs.	A.	P.	Actuals, 1922-23. Totals of Major Heads. Rs.	A.	P.	Explanation of variations between the Actuals and the Revised Estimate of 1922-23
Expenditure.																
GRANT I—(*Public Works*)—																
1. New Works—																
(a) Communications ...	80,841	1	0	20,000	0	0	53,980	0	0	15,035	0	3				Vide details of works, Statement II—A
(b) Buildings ...	21,408	10	9	32,900	0	0	53,600	0	0	35,285	0	3				
(c) Drainage ...	43,001	3	2	35,050	0	0	36,850	0	0	20,465	7	1				
(d) Water-supply ...	24,617	1	7	40,900	0	0	45,850	0	0	45,080	4	9				
(e) Miscellaneous ...	2,691	3	4	3,700	0	0	3,700	0	0	1,208	10	4				
Total ...	1,73,459	3	10	1,31,650	0	0	1,93,980	0	0	...	...	...	1,17,074	6	8	
2 Repairs—																
(a) Communications and Buildings—																
i. Repairs to works, etc. ...	6,92,576	9	2	7,60,000	0	0	8,23,950	0	0	7,32,996	4	0				Do
ii. Establishment ...	56,395	11	1	60,350	0	0	60,450	0	0	59 460	14	10				
(b) Drainage—																
Repairs to Works, etc. ...	4,37,854	6	2	3,79,700	0	0	3,75,440	0	0	3,75,536	1	0				Do
Establishment ...	57,537	14	1	62,080	0	0	63,350	0	0	61,227	15	8				Do
(c) Water-supply—																
Repairs to Works, etc. ...	2,88,538	3	8	2,75 550	0	0	2,80,050	0	0	2,86,876	12	9				Do
Establishment ...	36,391	5	10	39,830	0	0	38,550	0	0	39,030	1	0				Do
(d) Miscellaneous ...	453	14	0	500	0	0	500	0	0	243	8	8				Do
Total ...	15,69,548	1	7	15,78,010	0	0	16,42,290	0	0	...	...	...	15,55,371	9	11	
3 General—																
(a) Establishment ...	54,346	12	6	57,700	0	0	57,120	0	0	56,949	6	7				
Labour ...	19,006	1	9	22,350	0	0	21,670	0	0	20,407	5	10				
Total ...	73,352	14	3	80,050	0	0	78,790	0	0	...	...	...	77,356	12	5	
4. Miscellaneous—																
(a) Stationery ...	22	12	0	...	.	...	...	...	...	...	...	...				
(b) Printing Charges ...	1,807	9	9	2,000	0	0	2,000	0	0	1,763	14	5				
(c) Advertising Charges ...	2,184	12	8	600	0	0	1,500	0	0	1,310	2	1				
Total ...	4,015	2	5	2,600	0	0	3,500	0	0	3,074	0	6	...	...	..	
Carried over ...	18,16,360	3	8	17,89,710	0	0	19,15,060	0	0	...	...	...	17,49,802	13	0	

37

36

STATEMENT II.—Expenditure of the Corporation of Madras during the Official Year 1922-23—*Continued*).

Items.	Actuals, 1921-22.			Budget Estimate for 1922-23.			Revised Estimate for 1922-23.			Actuals, 1922-23. Details of Minor Heads.			Actuals, 1922-23. Totals of Major Heads.			Explanation of variations between the Actuals and the Revised Estimate of 1922-23
1	2			3			4			5			6			7
	Rs.	A.	P.	R	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
Brought forward ...	18,16,360	3	8	17,89,710	0	0	19,15,060	0	0	...	...	...	17,49,802	13	0	
GRANT I.—(*Concluded*).																
4 Miscellaneous—(*Continued*)																
(d) Law Charges and Stamp Duties ...	4,015	2	5	2,600	0	0	3,500	0	0	2,074	0	6	...	...	...	
...	88	2	3	300	0	0	500	0	0	406	4	0	...	...	...	
(h) Clothing for Peons and Badges for Road Coolies ...	682	1	0	1,200	0	0	630	0	0	471	7	9	...	...	...	
Total ...	4,785	5	8	4,100	0	0	4,630	0	0	...	...	...	3,951	12	3	
Total, Grant I ...	18,21,145	9	4	17,93,810	0	0	19,19,690	0	0	...	...	...	17,53,754	9	3	
GRANT II.—(*Education*)—																
1. Municipal Schools—																
(a) Establishment ...	90,268	5	1													
(b) Allowances ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(c) Other Expenses ...	21,123	7	5										...	...	...	
(d) Labour ...	...	...	...										...	...	...	
Contribution to Education Fund ...	1,11,331	12	6	1,76,150	0	0	1,76,150	0	0	...	...	...	1,76,150	0	0	
GRANT III.—(*Sanitation and Medical Services*)—																
1. Hospitals and Dispensaries																
i. Teynampet Dispensary—																
(a) Establishment ...	1,546	15	4	2,200	0	0	2,400	0	0	2,332	8	8	...	...	...	
(b) Medicines and Supplies ...	1,049	5	10	2,500	0	0	2,500	0	0	791	2	6	...	...	...	
ii. George Town Dispensary—																
(a) Establishment ...	2,413	15	0	2,470	0	0	2,530	0	0	2,525	0	0	...	...	...	
(b) Medicines and supplies ...	7,897	2	4	3,000	0	0	4,000	0	0	2,400	[illegible]	4	...	...	...	
iii. Baliah Naidu Dispensary—																
(a) Establishment ...	2,915	10	7	2,570	0	0	2,800	0	0	2,694	8	3	...	...	...	
(b) Medicines and supplies ...	3,079	13	8	3,2000		0	3,400	0	0	1,083	4	6				
iv. Chintadripet Dispensary—																
(a) Establishment ...	3,658	13	10	3,220	0	0	3,600	0	0	3,434	13	6				
(b) Medicines and supplies ...	3,866	10	2	3,200	0	0	3,400	0	0	1,375	9	3				
v. Raja Sir S Ramasawmy Mudr. Lying-in-Hospital																
(a) Establishment ...	4,253	7	8	4,240	0	0	4,240	0	0	4,232	14	5				
(b) Medicines and supplies ...	31,055	4	5	30,500	0	0	30,500	0	0	26,021	4	3				
vi. Washermenpet Dispensary—																
(a) Establishment ...	2,601	2	0	2,270	0	0	2,450	0	0	2,483	7	3				
(b) Medicines and supplies ...	3,850	14	2	4,200	0	0	4,200	0	0	1,374	12	8				
vii. Infectious Diseases Hospitals—																
(a) Establishment ...	8,619	9	8	8,870	0	0	9,250	0	0	9,287	11	3				
(b) Medicines, etc ...	22,632	9	7	15,000	0	0	25,000	0	0	28,506	15	10				
viii Child Welfare—																
(a) Establishment ...	36,120	1	4	43,000	0	0	40,500	0	0	42,933	6	2				
(b) Medicines, etc. ...	12,193	13	8	15,500	0	0	14,000	0	0	12,161	7	2				
ix. Kilpauk Dispensary—																
(a) Establishment ...	1,985	1	5	1,930	0	0	2,100	0	0	2,094	0	0				
(b) Medicines, etc. ...	5,128	2	2	3,000	0	0	2,000	0	0	1,764	11	10				
x. Triplicane, Dispensary—																
(a) Establishment ...	2,052	6	3	1,900	0	0	2,050	0	0	1,974	3	0				
(b) Medicines, etc ...	12,385	2	8	3,000	0	0	3,300	0	0	1,493	11	4				
xi. Puliantope Dispensary—																
(a) Establishment ...	...	...	...	2,000	0	0	1,500	0	0	1,476	12	10				
(b) Medicines etc. ...	...	...	...	3,000	0	0	1,500	0	0	1,561	3	7				
Total ...	1,69,306	1	9	1,65,920	0	0	1,76,280	0	0	...	...	...	1,54,012	1	7	
2. (a) Contribution to Government Hospitals ...	20,000	0	0	20,000	0	0	20,000	0	0	20,000	0	0				
(b) Contribution for St. Thome Dispensary ...	1,463	5	4	1,480	0	0	1,480	0	0	1,480	0	0				
(c) Do. Convent Dispensary ...	300	0	0	300	0	0	300	0	0	300	0	0				
(d) Do Monegar Choultry and Native Infirmary ...	1,500	0	0	1,500	0	0	1,500	0	0	1,500	0	0				
(e) Do. Pasteur Institute of South India, Coonoor ...	250	0	0	250	0	0	250	0	0	250	0	0				
(f) Do. Kalyani Hospital ...	1,000	0	0	1,000	0	0	1,000	0	0	1,000	0	0				
(g) Do. to Kanyaka Paramesvari Dispensary ...	500	0	0	500	0	0	500	0	0	500	0	0				
(h) Do. Venkataramana Dispensary	...	...	...	200	0	0	200	0	0	200	0	0				
(i) Do. The Madras Ayurvedic Dispensary ...	1,000	0	0	1,000	0	0	1,000	0	0	1,000	0	0				
(j) Do. Georgetown Dispensary ...	8,824	0	0	8,820	0	0	8,820	0	0	8,824	0	0				
(k) Do. Madras Society for Protection of Children ...	600	0	0	600	0	0	600	0	0	600	0	0				
(l) Do. Deaf and Dumb School ...	250	0	0	250	0	0	250	0	0	250	0	0				
(m) Calavala Cannan Chettiar Dispensary ...	100	0	0	100	0	0	100	0	0	100	0	0				
(n) Private Dispensary ...	100	0	0	100	0	0	800	0	0	500	0	0				
(o) Contribution to Madras ambulance Corps.	100	0	0	100	0	0	..	...	...	...	...	...	...	...	...	
Total ...	35,987	5	4	36,200	0	0	36,800	0	0	...	...	...	36,504	0	0	
3. Vaccination and Registration of Births & Deaths																
(a) Establishment ...	31,233	10	11	31,310	0	0	34,500	0	0	34,759	10	6				
(b) Contingencies ...	4,977	13	6	5,000	0	0	5,000	0	0	3,977	5	5				
Total ...	36,211	8	5	36,310	0	0	3[illegible],500	0	0	...	...	...	38,736	15	11	
	2,41,504	15	6	2,38,430	0	0	2,52,580	0	0	...	...	...	2,29,253	1	6	
Carried over ...	19,32,477	5	10	19,69,050	0	0	20,05,840	0	0	...	...	...	19,29,004	9	3	

37

STATEMENT II.—Expenditure of the Corporation of Madras during the Official Year 1922–23—(*Continued*)

Items.	Actuals, 1921-22.			Budget Estimate for 1922-23.			Revised Estimate for 1922-23.			Actuals, 1922-23. Details of Minor Heads.			Actuals, 1922-23. Totals of Major Heads.			Explanation of variations between the Actuals and the Revised Estimate of 1922 23.
1	2			3			4			5			6			7
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
Brought forward ...	19,32,477	5	10	19,69,960	0	0	20,95,840	0	0	...	...	...	19,29,904	9	3	
	2,41,504	15	6	2,38,430	0	0	2,52,580	0	0	...	...	...	2,29,253	1	6	
GRANT III—(Continued).																
4. Conservancy—																
(a) Establishment—General ...	1,32,239	7	9	1,35,300	0	0	1,37,000	0	0	1,37,720	14	3				
Allowances ...	...	...	...	...	...	...	...	...	...	...	...	...				
Hire of Scavengers ...	...	...	...	...	...	...	...	...	...	...	...	...				
(b) Labour ...	1,82,107	13	2	1,81,100	0	0	1,88,000	0	0	1,85,536	10	5				
(c) Private Scavenging ...	5,858	9	6	5,500	0	0	5,950	0	0	5,317	2	9				
(d) Maintenance of— Bullocks ...	3,63,002	7	9	3,55,000	0	0	3,65,000	0	0	3,49,285	0	1				
Do. Carts ...	1,54,916	5	9	60,000	0	0	63,000	0	0	56,752	11	1				
Labour, Fodder, contingencies, &c.																
(e) Incinerator—																
Establishment ...	1,230	2	0	1,520	0	0	1,700	0	0	1,618	8	0				
Labour ...	28,782	2	2	29,500	0	0	29,500	0	0	26,060	9	0				
(f) Night-soil Depots and Shoots—																
Establishment ...	1,787	10	4	2,100	0	0	2,700	0	0	1,906	6	6				
Labour ...	20,090	6	6	16,500	0	0	16,500	0	0	15,782	9	0				
(g) Rent of Lorry Station and Cart Depots																
(h) Burial and Burning Grounds—Labour ...	3,644	0	5	3,500	0	0	3,500	0	0	4,136	6	7				
Establishment ...	4,220	7	5	4,260	0	0	4,260	0	0	4,216	6	0				
(i) Epidemic Charges—																
Plague ...	7	11	9	1,000	0	0	200	0	0	5	6	3				
Cholera and Small-pox ...	7,411	10	0	6,000	0	0	6,000	0	0	5,149	5	11				
Malaria ...	12,758	10	11	2,500	0	0	3,000	0	0	2,941	4	0				
(j) Dhobykhana—																
Establishment ...	52	0	0	...	...	...	...	...	...	...	...	...				
Labour and contingencies ...	58	3	2	...	...	...	...	...	...	...	...	...				
Total ...	9,18,169	12	7	8,03,780	0	0	8,16,310	0	0	...	...	...	7,96,424	3	4	
5. Miscellaneous—																
(a) Printing Charges ...	4,340	8	8	4,000	0	0	4,000	0	0	3,483	6	11				
(b) Advertising Charges ...	2,538	14	9	1,200	0	0	1,500	0	0	1,588	7	4				
(c) Law Charges and Stamp Duties ...	30	10	0	100	0	0	100	0	0	34	10	0				
(d) Clothing, Badges and Belts ...	4,013	3	5	4,500	0	0	4,500	0	0	3,798	1	6				
Total ...	10,973	4	10	9,800	0	0	10,100	0	0	...	...	...	8,604	9	9	
Total, Grant III ...	11,70,648	0	11	10,52,010	0	0	10,78,990	0	0	...	...	...	10,34,681	14	7	
GRANT IV.—(*Miscellaneous Municipal Purposes.*)																
1. Lighting—																
Establishment ...	16,049	11	8	18,050	0	0	18,050	0	0	18,602	7	6				
Labour ...	1,30,865	3	5	1,57,030	0	0	1,40,730	0	0	1,27,730	15	10				
Total ...	1,46,914	15	1	1,75,080	0	0	1,58,780	0	0	...	...	...	1,46,333	7	4	
2. Markets and Slaughter houses																
(a) Smithfield Market—																
Establishment ...	466	0	0	480	0	0	480	0	0	477	12	0				
Labour and Contingencies ...	757	6	7	750	0	0	750	0	0	702	5	11				
(b) Moore Market—																
Establishment ...	4,653	9	6	4,820	0	0	5,250	0	0	5,075	1	10				
Labour and Contingencies ...	7,385	13	3	6,400	0	0	7,000	0	0	8,037	12	4				
(c) Slaughterhouses—																
Establishment ...	4,176	0	0	4,190	0	0	4,190	0	0	4,301	8	0				
Labour and Contingencies ...	13,158	4	8	16,000	0	0	10,000	0	0	10,263	0	2				
Total ...	30,637	1	7	32,640	0	0	27,670	0	0	...	...	...	28,857	8	3	
	1,77,552	0	8	2,07,720	0	0	1,86,450	0	0	...	...	...	1,75,190	15	7	
Carried over ...	31,03,125	6	9	30,21,970	0	0	31,74,830	0	0	...	...	...	29,64,486	7	10	

38

STATEMENT II.—Expenditure of the Corporation of Madras during the Official Year 1922-23—(*Continued*).

Items.	Actuals, 1921-22.			Budget Estimate for 1922-23.			Revised estimate for 1922-23.			Actuals, 1922-23 Detail of Minor Heads			Actuals, 1922-23 Totals of Major Heads.			Explanation of variations between the Actuals and the Revised Estimate of 1922-23
1	2			3			4			5			6			7
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
Brought forward ...	31,03,125	6	9	30,21,970	0	0	31,74,830	0	0	...	...	...	29,64,486	7	10	
GRANT IV—(*concluded*).	1,77,552	0	8	2,07,720	0	0	1,86,450	0	0	...	...	...	1,76,190	15	7	
3. People's Park—																
(a) People's Park— Establishment ...	7,932	0	1	4,900	0	0	5,220	0	0	4,978	5	3				
Labour, etc. ...	33,105	13	10	13,950	0	0	14,160	0	0	12,724	3	5				
(b) Napier Park— Establishment ...	12,70	3	11	1,250	0	0	1,250	0	0	1,179	9	5				
Labour, etc. ...	13,11	6	4	1,700	0	0	1,700	0	0	1,373	11	5				
(c) Robinson Park— Establishment ...	1,076	10	6	1,140	0	0	1,110	0	0	1,108	11	2				
Labour, etc. ...	6,296	13	9	5,480	0	0	5,640	0	0	5,375	8	1				
(d) Loane Square— Labour, etc. ...	2,039	7	2	3,000	0	0	3,130	0	0	2,461	15	2				
(e) Sivagnanam Park— Labour, etc. ...	895	8	11	1,370	0	0	1,370	0	0	979	15	11				
(f) Grass Farm— Establishment Labour etc.	3,502	4	6	...	...	...	...	...	...	...	...	...				
Total ...	57,480	8	0	32,790	0	0	33,610	0	0	...	...	...	30,181	13	10	
4 Survey of Land ...	11,588	3	0	12,000	0	0	17,000	0	0	...	...	...	7,868	5	11	
5 Fire— Establishment ...	6,270	0	0	6,480	0	0	6,850	0	0	6,944	0	5				
Labour, etc. ...	28,495	10	9	13,000	0	0	22,000	0	0	28,817	14	1				
Total ...	34,765	10	9	19,480	0	0	28,850	0	0	...	...	...	35,762	7	6	

Items.	Actuals, 1921-22.			Budget Estimate for 1922-23.			Revised estimate for 1922-23.			Actuals, 1922-23 Detail of Minor Heads			Actuals, 1922-23 Totals of Major Heads.			Explanation of variations between the Actuals and the Revised Estimate of 1922-23
6. Other Charges—																
(a) Quit-rent ...	4,706	5	8	5,000	0	0	13,500	0	0	4,547	14	11				
(b) Reward for destruction of Dogs and Pasteur Institute charges ...	3,076	12	0	3,000	0	0	3,000	0	0	2,628	2	10				
(c) Municipal Proceedings, etc, Charges— Stationery ...	44,090	0	0	40,000	0	0	30,000	0	0	24,992	0	8				
Printing ...	6,409	6	10	10,000	0	0	7,000	0	0	4,497	6	10				
Advertising ...	6,085	2	3	5,000	0	0	3,000	0	0	1,838	0	7				
(d) Law Charges— ...	2,371	15	0	2,500	0	0	2,500	0	0	2,400	0	0				
(e) Election Charges ...	7,158	10	0	8,400	0	0	8,400	0	0	6,386	13	4				
(f) Stores— Establishment ...	7,123	14	11	7,330	0	0	7,720	0	0	7,553	6	2				
Contingencies— Coolies for Stock taking Stationery Clothing, etc. ...	4,111	7	4	3,000	0	0	3,000	0	0	3,205	10	7				
(g) Workshops— Establishment ...	19,800	2	8	20,830	0	0	20,730	0	0	20,233	1	3				
Labour and Contingencies ..	27,065	10	10	16,800	0	0	23,000	0	0	24,068	10	9				
(h) Insurance of Municipal Buildings ...	4,037	0	0	4,040	0	0	4,040	0	0	4,037	0	0				
(i) Menagerie— Establishment ...	...	...	...	3,590	0	0	4,280	0	0	4,216	4	11				
Labour &c. ...	...	...	...	27,100	0	0	27,810	0	0	20,970	1	2				
(j) Loss on Municipal Stores ...	...	...	...	20,000	0	0	20,000	0	0	2,829	12	2				
(k) Other Items ...	10,126	5	0	13,280	0	0	8,000	0	0	23,401	0	5				
(l) Public Ceremonies ...	1,544	2	0	...	...	...	5,000	0	0	3,559	13	6				
(m) Census ...	13,925	5	7	...	...	...	700	0	0	658	1	10				
Total ...	1,61,632	7	1	1,89,870	0	0	1,91,680	0	0	...	...	...	1,62,023	5	11	
Total, Grant IV ...	4,43,018	13	6	4,61,860	0	0	4,57,590	0	0	...		..	4,11,027	0	9	
GRANT V.—(*Supervision and Management*)—																
1. (a) Salaries of officers ...	30,504	5	3	30,000	0	0	30,320	0	0	...	...	...	30,315	12	0	
	30,504	5	3	30,000	0	0	30,320	0	0	...	...	...	30,315	12	0	
Carried over ..	35,46,144	4	3	34,83,830	0	0	36,32,420	0	0	...		...	33,75,513	8	7	

STATEMENT II.—Expenditure of the Corporation of Madras during the Official Year 1922-23—(*Continued*).

Items.			Actuals, 1921-22.			Budget Estimate for 1922-23			Revised Estimate for 1922-23			Actuals, 1922-23. Details of Minor Heads			Actuals, 1922-23. Totals of Major Heads			Explanation of variations between the Actuals and the Revised Estimate of 1922-23
1			2			3			4			5			6			7
			Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
Brought forward ...			35,46,144	4	3	34,83,830	0	0	36,32,420	0	0	...		...	33,75,512	8	7	
GRANT V.—(*Concluded*).			30,504	5	3	30,000	0	0	30,320	0	0	...	...	.	30,315	12	0	
2. Head Offices—																		
(a) Establishment ...			25,438	10	5	24,380	0	0	28,550	0	0	28,861	4	10				
(b) Printing Charges ...			770	11	4	1,000	0	0	1,000	0	0	472	14	0				
(c) Advertising Charges ...			28	1	9	50	0	0	50	0	0	41	4	8				
(d) Labour ...			9,854	9	4	6,000	0	0	7,000	0	0	6,875	8	1				
(e) Clothing for Peons ...			103	8	7	1,500	0	0	900	0	0	795	14	8				
Total ...			35,695	6	5	32,930	0	0	37,500	0	0	...	...	...	37,046	14	3	
3. Assessment and Collection—																		
(a) Establishment ...			1,72,905	0	10	1,80,230	0	0	1,82,000	0	0	1,81,631	9	9				
(b) Printing Charges ...			5,850	10	3	6,000	0	0	3,000	0	0	1,774	15	7				
(c) Advertising Charges ...			780	1	10	3,000	0	0	3,000	0	0	2,105	9	10				
(d) Law Charges and Stamp Duties ...			3,936	12	6	8,000	0	0	13,000	0	0	12,954	12	0				
(e) Labour ...			20,525	14	3	22,080	0	0	22,080	0	0	23,799	10	0				
(f) Clothing ...			2,989	10	1	3,800	0	0	4,800	0	0	4,703	8	6				
Total ...			2,06,988	1	9	2,23,110	0	0	2,27,880	0	0	...	...	.	2,26,970	1	8	
Total, Grant V .			2,73,187	13	5	2,86,040	0	0	2,95,700	0	0	...	...		2,94,332	11	11	
Sinking Fund—																		
* W. W. Loan,	1869-73	14,30,000...	28,600	0	0	28,600	0	0	28,600	0	0	28,600	0	0				
G. T. Drainage Loan,	1887	1,00,000...	820	0	0	820	0	0	820	0	0	820	0	0				
Do. do.	1888	1,50,000...	1,200	0	0	1,200	0	0	1,200	0	0	1,200	0	0				
Do. do.	1889	1,50,000...	1,200	0	0	1,200	0	0	1,200	0	0	1,200	0	0				
Water-works Loan,	1889	20,000.	170	0	0	170	0	0	170	0	0	170	0	0				
G. T. Drainage Loan,	1890	50,000...	400	0	0	400	0	0	400	0	0	400	0	0				
Water-works Loan,	1895	4,00,000...	3,050	0	0	3,050	0	0	3,050	0	0	3,050	0	0				
Market Loan,	1897	1,00,000...	750	0	0	750	0	0	750	0	0	750	0	0				
Plague Loan,	1899	2,00,000...	1,520	0	0	1,520	0	0	1,520	0	0	1,520	0	0				
Water-works Loan,	1899	50,000..	380	0	0	380	0	0	380	0	0	380	0	0				
Drainage Loan,	1899	4,20,000..	3,190	0	0	3,190	0	0	3,190	0	0	3,190	0	0				
Market Loan,	1899	1,50,000.	1,140	0	0	1,140	0	0	1,140	0	0	1,140	0	0				
Drainage Loan,	1900	7,80,000...	5,930	0	0	5,930	0	0	5,930	0	0	5,930	0	0				
Water-works Loan,	1900	1,50,000...	1,140	0	0	1,140	0	0	1,140	0	0	1,140	0	0				
Plague Loan,	1900	1,00,000 .	760	0	0	760	0	0	760	0	0	760	0	0				
Sewer Loan,	1901-1902	1,20,000...	910	0	0	910	0	0	910	0	0	910	0	0				
Drainage Loan,	1901-1902	2,00,000 ..	1,520	0	0	1,520	0	0	1,520	0	0	1,520	0	0				
Do.	1903	5,00,000...	3,800	0	0	3,800	0	0	3,800	0	0	3,800	0	0				
* Do.	1905	7,00,000...	22,457	0	0	23,360	0	0	23,360	0	0	23,364	7	0				
Special Buildings Loan,	1907	1,00,000..	2,100	0	0	2,100	0	0	2,100	0	0	2,100	0	0				
* Drainage Loan,	1908	4,00,000 .	11,404	0	0	11,860	0	0	11,860	0	0	11,864	13	11				
Special Buildings Loan,	1909	4,25,000...	8,920	0	0	8,920	0	0	8,920	0	0	8,920	0	0				
Napier Bridge Loan,	1909	1,00,000...	2,100	2	9	2,100	0	0	2,100	0	0	2,100	0	0				
* Drainage Loan	1909	4,00,000...	10,961	14	11	11,400	0	0	11,400	0	0	11,404	2	3				
Napier Bridge Loan	1910-1911	50,000 ..	1,040	2	3	1,040	0	0	1,040	0	0	1,040	0	0				
* Drainage Loan,	1911	1,00,000...	2,530	0	0	2,630	0	0	2,630	0	0	2,632	6	8				
Special Buildings Loan,	1912	3,00,000...	6,300	0	0	6,300	0	0	6,300	0	0	6,300	0	0				
Do.	1913	3,42,000...	7,180	0	0	7,180	0	0	7,180	0	8	7,180	0	0				
Do.	1914	2,00,000 .	4,160	4	11	4,160	0	0	4,160	0	0	4,160	0	0				
Do.	1915	1,70,000...	3,540	0	0	3,540	0	0	3,540	0	0	3,540	0	0				
Electric Lighting Loan,	1914	50,000...	1,040	3	2	1,040	0	0	1,040	0	0	1,040	0	0				
Do.	1915	1,30,000...	2,700	0	0	2,700	0	0	2,700	0	0	2,700	0	0				
Water and Drainage Loan,	1916	13,00,000...	27,040	0	0	27,040	0	0	27,040	0	0	27,040	0	0				
Electric Lighting Loan,	1916	1,00,000...	2,080	0	0	2,080	0	0	2,080	0	0	2,080	0	0				
* Water and Drainage Loan,	1917	4,00,000...	36,033	1	4	38,280	0	0	38,280	0	0	38,291	2	5				
* Drainage Loan,	1918	9,00,000...	76,526	8	3	81,190	0	0	81,190	0	0	81,186	15	9				
Electric Lighting Loan,	1921	6,95,000...	1,200	0	0	7,520	0	0	8,880	0	0	8,885	0	0				
Water & Drainage Loan,	1920	5,00,000...	36,867	8	3	39,300	0	0	39,300	0	0	39,302	15	6				
Special Buildings, ,,	1921	64,000 ..	..	...	...	960	0	0	240	0	0	240	0	0				
Water & Drainage, ,,	1921	...	...	...	...	...	...	...	...	...	...	...	...	..				
Electric lighting Loan	1920 1921	3,05,000...	...	...	...	7,520	0	0	4,590	0	0	4,592	0	0				
Special Buildings Loan	1921	1,00,000...	...	...	...	7,370	0	0	7,370	0	0	7,373	14	6				
Water Drainage Loan	1921	10,00,000...	...	...	...	73,740	0	0	73,740	0	0	73,735	0	7				
Do.	1922	3,00,000...	...	...	...	21,770	0	0	...	...	...	...	.	...				
Electric Lighting Loan	1922	5,00,000...	...	...	...	3,760	0	0	...	...	...	...	.	...				
Special Building Loan	1922	40,000...	...	...	...	300	0	0	...	...	...	...	...	...				
Total ...			3,22,719	14	11	4,55,640	0	0	4,27,520	0	0	...	...	...	4,27,552	12	7	
Carried over ...			41,42,052	0	7	42,25,510	0	0	43,55,640	0	0	...	...	...	40,97,899	1	1	

STATEMENT II.—Expenditure of the Corporation of Madras during the Official Year 1922-23—(*Continued*).

Items.	Actuals, 1921-1922			Budget Estimate for 1922-1923.			Revised Estimate for 1922-23.			Actuals, 1922-23. Details of Minor Heads.			Actuals, 1922-23. Totals of Major Heads.			Explanation of variations between the Actuals and the Revised Estimate of 1922-23.
1	2			3			4			5			6			7
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
Brought forward ...	41,42,032	0	7	42,25,510	0	0	43,55,640	0	0	...	...	...	40,97399	1	1	
Interest—																
4 o/o W. W. Loan, 1869-73 14,30,000 ...	57,200	0	0	57,200	0	0	57,200	0	0	57,200	0	0	...	..	..	
6 o/o G. T. Drainage Loan 1887 1,00,000 ...	6,000	0	0	6,000	0	0	6,000	0	0	5,190	0	0	...	...	..	
5 o/o Do. do. 1888 1,50,000 ...	7,500	0	0	7,500	0	0	7,500	0	0	7,500	0	0	...	..	.	
„ Do. do. 1889 1,50,000 ...	7,500	0	0	7,500	0	0	7,500	0	0	7,500	0	0	...	..		
„ W. W. Loan, 1889 20,000 ...	1,000	0	0	1,000	0	0	1,000	0	0	1,000	0	0	...	...	...	
„ G. T. Drainage Loan, 1890 50,000 ...	2,500	0	0	2,500	0	0	2,500	0	0	2,500	0	0	...	..	.	
4 o/o W. W. Loan, 1895 4,00,000 ...	15,268	0	0	16,000	0	0	18,000	0	0	17,768	0	0	...	...	.	
„ Market Loan, 1897 1,00,000 ...	4,000	0	0	4,000	0	0	4,000	0	0	4,000	0	0	...	...	...	
„ Plague Loan, 1899 2,00,000 ...	8,000	0	0	8,000	0	0	8,000	0	0	8,000	0	0	...	.	.	
„ Water-works Loan, 1899 50,000 ...	1,984	0	0	2,000	0	0	2,040	0	0	1,992	0	0	...	..	.	
„ Drainage Loan, 1899 4,20,000 ...	16,800	0	0	16,800	0	0	16,800	0	0	16 800	0	0	...	...	.	
„ Market Loan, 1899 1,50,000 ...	6,032	0	0	6,000	0	0	6,0 0	0	0	5 868	0	0	..	.	...	
„ Drainage Loan, 1900 7,80,000 ...	27,728	0	0	31,200	0	0	34,670	0	0	34,720	0	0	...	...	.	
„ Water-works Loan, 1900 1 50,000 ...	5,952	0	0	6,000	0	0	6,000	0	0	6 000	0	0	...	.		
„ Plague Loan, 1900 1,00,000 ...	4,000	0	0	4,000	0	0	4,000	0	0	4,000	0	0	...	..	.	
„ Sewer Loan, 1901-1902 1,20,000 ...	4,930	0	0	4,800	0	0	4,800	0	0	4,200	0	0	...	..		
„ Drainage Loan, 1901-1902 2,00,000 ...	8,180	0	0	8,000	0	0	8,000	0	0	8,460	0	0	...	...	.	
„ Do. 1903- 5,00,000 ...	20,000	0	0	20,000	0	0	20,000	0	0	20,000	0	0	.	...		
„ Do. 1906 7,00,000 ...	17,818	0	5	16,910	0	0	16,910	0	0	16,910	12	2	...	.		
„ Special Buildings Loan 1907 1,00,000 ...	3,750	0	0	4,000	0	0	4,500	0	0	3,996	0	0	...	.		
„ Drainage Loan, 1908 4,00,000 ...	11 615	13	9	11,150	0	0	11,150	0	0	11,156	2	1	...	..	.	
„ Special Buildings Loan 1909 4,25,000 ...	16,928	0	0	17,000	0	0	17,100	0	0	17,045	0	0	...	..		
Napier Bridge Loan, 1909 1,00,000 ...	4,000	0	0	4,000	0	0	4,000	0	0	4,000	0	0	...	..	.	
* „ Drainage Loan. 1909 4,00,000 ...	12,058	11	1	11,610	0	0	11,610	0	0	11,615	13	9	...	...	..	
„ Napier Bridge Loan 1910-11 50,000 ...	2,114	0	0	2,000	0	0	2,200	0	0	2,000	0	0	...		.	
* „ Drainage Loan, 1911 1,00,000 ...	3,223	12	10	3,120	0	0	3,120	0	0	3,111	9	4	...	..		
„ Special Buildings Loan 1912 3,00,000 ...	12,000	0	0	12,000	0	0	12,000	0	0	12,000	0	0	...			
„ Do. 1913 3,42,000 ...	13,640	0	0	13,680	0	0	13,850	0	0	13,900	0	0	...	...		
„ Do. 1914 2,00,000 ...	8,000	0	0	8,000	0	0	8,000	0	0	8,000	0	0	...			
„ Do. 1915 1,70,000 ...	6,540	0	0	6,8 0	0	0	7,360	0	0	7 00	0	0	...	..		
„ Electric Lighting Loan, 1914 50,000 ...	2,000	0	0	2,000	0	0	2 000	0	0	2,000	0	0	...	..		
„ Do. 1915 1,30,000 ...	4,600	0	0	5 200	0	0	5,800	0	0	5 930	0	0	...	..	.	
5 o/o Water and Drainage 1916 13,00,000 ...	69,577	8	0	65,000	0	0	65,000	0	0	65,485	0	0	...	..	.	
„ Electric Lighting 1916 1,00,000 ...	3,500	0	0	5,000	0	0	5,000	0	0	5,000	0	0	...	..	..	
* 6 o/o Water and Drainage 1917 4,00,000 ...	17,678	14	8	15,500	0	0	15 500	0	0	15,480	13	7	...	.	.	
* „ Drainage Loan 1918 9,00,000 ...	44,461	7	9	39 800	0	0	39,800	0	0	39 801	0	3	...	.	.	
7 o/o „ Electric Lighting Loan, 1921 6,95,000 ...	216	0	8	35,000	0	0	38,890	0	0	21,778	2	0	...	..		
6½ o/o Water & Drainage Loan 1920 5,00,000 ...	31,910	7	9	29,470	0	0	29,470	0	0	29,475	2	6	...	..	.	
7 o/o Electric Lighting Loan, 1920-21 Rs. 305,000 ...	...	...	...	35,000	0	0	21,350	0	0	20,825	0	0	...	...	...	
6½ o/o Water & Drainage „ 1921 10,00,000 ...	...	.	...	63,820	0	0	63,820	0	0	6,3820	15	5	...	..	...	
„ Special Building „ 1921 1,00,000 ...	...	...	..	6,390	0	0	6,380	0	0	6,382	1	6	...	...	...	
7 o/o Special Buildings Loan, 1921 Rs. 64,000 ...	...	...	...	4,480	0	0	...			...	..	...	...	..	...	
6½ o/o Water & Drainage Loan 1922 3,00,000 ...	...		..	19,500	0	0	...	...	..	...	.	...	...	...	...	
7 o/o Special Building Loan „ 40,000 ...	..	..	...	1,400	0	0	...	...	...	...	...	.	...	...	...	
7 o/o „ Electric Lighting Loan 1922 5,00,000 ...	...	...	...	17,500	0	0	...	..	...	...	...	0	...	...	..	
Total ...	44,90,806	12	11	6,63,8200	0	0	6,18,910	0	0	...	...	...	5,99,463	8	7	Decrease due to claims not preferred and paid for in the year.

41

Items.	Actuals, 1921-1922			Budget Estimate for 1922-1923.			Revised Estimate for 1922-23.			Actuals, 1922-23. Details of Minor Heads.			Actuals, 1922-23. Totals of Major Heads.			Explanation of variations between the Actuals and the Revised Estimate of 1922-23.
Advances Recoverable—																
i. Permanent ...	345	0	0	...	...	..	30	0	0	41	0	0				
ii. Others ...	64,733	15	0	5,000	0	0	5,000	0	0	56,379	4	0				
Total ...	65,078	15	0	5,000	0	0	5,030	0	0	...	...	...	56,420	4	0	Represents advances made during the year.
Refund of other than current collections ...	93,526	5	0	80,000	0	0	80,000	0	0	...	...	..	93,571	14	1	
Pensions and Gratuities—																
(a) Superior Grade ...	23,990	14	8	23,000	0	0	26 000	0	0	25,128	0	4				
(b) Inferior Grade ...	2,130	15	2	2,500	0	0	4,000	0	8	3,447	14	6				
Total ...	26,121	13	10	25,500	0	0	30,000	0	0	...	-	...	28,575	14	10	
Total Expenditure ...	48,17,585	15	4	49,99,830	0	0	50,89,630	0	0	...	...	...	48,75,430	10	7	
Closing Balance—																
General Fund ...	2,47,762	3	5	...	...	...	3,79,270	0	0	6,71,624	4	8				
Water and Drainage Fund ...	...	...	...	...	...	...	...	...	...	...	...	...				
Lighting Fund ...	94,074	11	3	...	..	..	1,42,250	0	0	1,66,729	5	7				
Total ...	3,41,836	14	8	1,02,290	0	0	5,21,520	0	0	...	...	...	8,38,344	10	3	
Grand Total ...	51,59,422	14	0	51,02,120	0	0	56,11,150	0	0	...	...	...	57,13,775	4	10	

N. B.—Sums aggregating Rs. 26,96,828-4-4 were transferred from the General Fund to the credit of the Water and Drainage Fund to close the latter account in pursuance of G. O. No. 519 M., Local and Municipal, dated 4th June 1887, up to 31st March 1923.

Statement showing the Liabilities and Assets as closed in the Books on the 31st March 1923 and forming the Opening Balances of 1923–1924.

List of Liabilities or Credit Balances transferred to the ensuing year—	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
BALANCE ON LOANS—									
* Water works Loan of 1869-73							14,30,000	0	0
G. T. Drainage Loan 1887							1,00,000	0	0
Do 1888							1,50,000	0	0
Do 1889							1,50,000	0	0
Waterworks Loan 1889							20,000	0	0
G. T. Drainage Loan 1890							50,000	0	0
Waterworks Loan 1895							4,00,000	0	0
Market Loan 1897							1,00,000	0	0
Plague Loan 1898							2,00,000	0	0
Waterworks Loan 1899							50,000	0	0
Drainage Loan 1899							4,20,000	0	0
Market Loan 1899							1,50,000	0	0
Drainage Loan 1900							7,80,000	0	0
Waterworks Loan 1900							1,50,000	0	0
Plague Loan 1900							1,00,000	0	0
Sewer Loan 1901-02							1,20,000	0	0
Drainage Loan 1901-02							2,00,000	0	0
Do. 1903							5,00,000	0	0
* Do. 1905							4,05,187	12	6
Special Buildings Loan 1907							1,00,000	0	0
* Drainage Loan 1908							2,69,950	3	9
* Do. 1909							2,81,815	7	10
Special Buildings Loan 1909							4,25,000	0	0
Napier Bridge Loan 1909							1,00,000	0	0
Do. 1910-11							50,000	0	0
* Water supply and Drainage Loan 1910-11							76,058	12	6
Special Buildings Loan 1912							3,00,000	0	0
Do 1913							3,42,000	0	0
Do. 1914							2,00,000	0	0
Electric Lighting Loan 1914							50,000	0	0
Do. 1915							1,30,000	0	0
Special Buildings Loan 1915							1,70,000	0	0
Water and Drainage Loan 1916							13,00,000	0	0
Electric Lighting Loan 1916							1,00,000	0	0
† Water and Drainage Loan 1917							2,29,154	5	5
† Drainage Loan 1918							6,02,160	1	7
‡ Water and Drainage Loan 1920							4,28,829	10	3
‡ Water and Drainage Loan 1921							9,26,264	15	5
‡ Special Buildings " 1921							92,626	1	6
Do. " 1921							64,000	0	0
Electric Lighting " 1921							3,05,000	0	0
Do. " 1922							6,95,000	0	0
Do. " 1923							5,00,000	0	0
Water and Drainage Loan 1922							3,00,000	0	0
Deposits to be adjusted							4,02,490	3	4
Unpaid Liabilities							42,640	0	0
List of Assets or Debit Balance transferred to the ensuing year—									
MUNICIPAL BALANCE—									
Revenue ...	8,38,344	10	3						
Loan ...	19,88,933	2	1	28,27,277	12	4			
DEPOSIT BALANCE—									
Cash ...	2,31,872	2	3						
Fixed Deposit ...	95,748	1	1						
Government Securities, etc. ...	1,64,870	0	0	4,92,490	3	4			
SINKING FUND FOR THE LIQUIDATION OF									
Waterworks Loan of 1869-73	16,66,729	12	9						
George Town Drainage Loan of 1887	56,145	6	8						
Do. do. " 1888	78,544	5	2						
Do. do. " 1889	76,944	2	9						
Waterworks " 1889	10,274	13	10						
Drainage " 1890	24,073	8	4						
Waterworks " 1895	1,53,091	4	11						
Market " 1897	35,580	2	9						
Plague " 1899	60,920	5	7						
Waterworks " 1899	14,931	4	2						
Drainage " 1899	1,24,927	7	9						
*Market " 1899	44,763	8	9						
Drainage " 1900	2,19,190	6	8						
Waterworks " 1900	41,704	9	5						
Plague " 1900	27,967	1	8						
Sewer " 1901-02	29,872	2	7						
Drainage " 1901-02	49,117	6	9						
Do. " 1903	1,15,833	11	11						
Special Buildings " 1907	48,290	0	10						
Do. " 1909	1,56,835	13	8						
Napier Bridge " 1909	37,140	6	2						
Do. " 1910-11	16,282	12	10						
Special Buildings " 1912	88,823	13	3						
Do. " 1913	79,810	1	10						
Do. " 1914	44,876	13	7						
Electric Lighting " 1914	11,232	14	10						
Special Buildings " 1915	34,530	13	5						
Electric Lighting " 1915	26,248	9	5						
Do. " 1916	15,354	2	9						
Water and Drainage " 1916	2,00,156	4	9						
Electric Lighting " 1921	5,810	5	0						
Do. " 1922	8,930	3	9						
Special Buildings " 1922	240	0	0	36,05,194	14	6			
Carried Over ...	...	...	...	69,24,962	14	2	1,40,43,177	4	1

APPENDIX I.

Statement showing the Liabilities and Assets as closed in the Books on the 31st March 1923 and forming the opening Balances of 1923-24.

	Amount.	Amount.
	Rs.	Rs.
Brought forward ...	69,24,962	1,40,43,177
Value of Municipal Buildings	45,36,835	...
Do do lands	7,88,211	...
Do tools and plant and materials ...	74,27,281	...
Do furniture	68,727	...
Do live stock	1,15,354	...
Arrears of Taxes, &c.	5,44,194	...
Advances Recoverable	4,69,436	...
Total Assets ...	2,08,75,050	...
Total liabilities ...	...	1,40,43,177

STATEMENT II-A–Details of allotment for expenditure on Public Works executed by the Works Department, and estimated to cost Rs. 100 and upwards.

CAPITAL ACCOUNT.

PART I–NEW WORKS.

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	GRANT I.—*Public Works.*			
	1. New Works.			
	(b) Buildings.			
	Loan Funds.			
1	Construction of model lines for conservancy coolies	15,000	282	Not commenced. Tender called for.
2	Construction of school buildings ...	...	13,570	
	Special Funds.			
3	Re-constructing the Evening Bazaar.	38,520	22,262	In progress.
4	Constructing an infectious diseases hospital at the old Fiji Emigration Depot	50,000	291	Notcommenced. Tenders called for.
	Total ...	1,03,520	36,405	

STATEMENT II-A—Details of allotment for expenditure on Public Works executed by the Special Works Department and estimated to cost Rs. 100 and upwards.

CAPITAL ACCOUNT.

PART 1—NEW WORKS.—*Continued.*

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	GRANT I Public Works.—*contd.*			
	1 New Works.			
	(c) **Drainage.**			
	Ice House Road Area.			
1	Construction of new pumping station including machinery	50,000	17,259	In progress.
2	Relaying Ice House Road sewers with 24, 27 and 30 inches cast-iron sewers ..	1,000	Cr. 9,137	Nearly completed.
3	Relaying cement pipe sewers likely to collapse	20,000	15,861	In progress.
4	Pumping main from pumping station ...	20,000	17,585	Nearly completed.
5	Connecting existing sewers to the new pumping station	1,000	...	
	Napier Park Area.			
6	Construction of new pumping station including pumping machinery, silt and screening wells and connections ...	1,35,000	1,29,938	Completed.
7	Relaying sewers in Triplicane and laying new sewers in insanitary areas including house connections	5,000	5,210	In progress.
8	Napier Park gravitation main ...	3,000	1,386	Completed.
9	Pumping main from pumping station ...	2,000	5,630	do
	Law College Area.			
10	Laying 21 and 30 inches sewers in China Bazaar Road and other necessary sewers.	5,000	15	
	Rayapuram Area.			
11	Completion of sewer-laying in area west of Broadway including house connections and house drainage	15,000	27,431	In progress.
	Tondiarpet Drainage.			
12	Necessary sewer extensions ... }	1,000	550	
13	House Drainage and house connections. }			
	Purasawalkam Drainage area.			
14	Sewers, manholes, &c.	20,000	14,779	In progress.
15	Pumping station including pumping machinery	55,000	22,162	Completed.
16	Pumping main No. 6	16,000	9,824	do
17	Gravitation main No. 5	...	...	
	Carried over ...	3,49,000	2,58,493	

STATEMENT II-A—Details of allotment for expenditure on Public Works executed by the Special Works Department and estimated to cost Rs. 100 and upwards.

CAPITAL ACCOUNT.

PART 1—NEW WORKS.—*Contd.*

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	3,49,000	2,58,493	
	(c) **Drainage.**—*Continued.*			
	Edward Elliots Road Area.			
17-A	Purchase of land for Pumping Station ...	...	Cr. 6,625	
	Miscellaneous.			
18	Supplies and services (Home charges) ...	7,000	9,488	
19	Stores, tools and plant (Suspense Account).	4,00,000	3,98,615	
20	Miscellaneous	10,000	3,330	
	Urgently required works outside the Restricted Programme.			
	Purasawalkam Area.			
21	Periamet intercepting sewers ...	1,30,000	1,44,794	In progress.
22	Extension of gravitation main No. 5 ...	50,000	61,747	In progress.
	Napier Park Area.			
23	Chintadripet sewering	50,000	71,089	In progress.
24	Tiruvatteswaranpet sewering including house connections	...	...	
	South Mylapore Area.			
25	Acquisition of land for pumping station ...	...	5	
26	Construction of wells	...	...	
	North Mylapore Area.			
27	Acquisition of land for pumping station ...	10,000	...	
	Ice House Road Area.			
28	Gravitation main No. 3	...	...	
	Graemes Road Area.			
29	Acquisition of land for pumping station ..	...	...	
	Langs Garden Area.			
30	Pumping main from pumping Station ...	10,000	3	
	Total ...	10,16,000	9,40,939	
	Realization by sale of Stores	cr.2,50,000	cr.2,73,524	
	Net Total ...	7,66,000	6,67,415	

APPENDIX I.

STATEMENT II A—Details of allotment for expenditure on Public Works executed by the Special Works Department and estimated to cost Rs. 100 and upwards

CAPITAL ACCOUNT.

PART 1—NEW WORKS—*Continued.*

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Water Supply.			
1	Filter beds extension	1,00,000	43,483	In progress.
2	Experiments on chlorination and filtration.	50,000	48,292	In progress.
3	Distribution improvement system ...	6,10,000	5,41,157	
4	Cleaning, scraping old mains... ...	5,000	...	
5	Installation of waste detection system ...	5,000	...	
6	Bacteriological laboratory, furniture and fittings	10,000	8,528	Nearly completed.
7	Home charges	10,000	8,087	
8	Stores, tools and plant and contigencies ...	10,000	3,232	
9	Stores (Suspense Account)	1,00,000	...	
	Total ...	9,00,000	6,52,779	
	Realisation by sale of stores ...	cr. 50,000	cr. 33,876	
	Net Total ...	8,50,000	6,18,903	

45

APPENDIX I.

STATEMENT II A.—Details of allotment for expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART 1—NEW WORKS.

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	GRANT I Public Works.			
	1 New Works.			
	(a) Communications.			
1	Rounding off the corner at the junction of Kalmantapam Road and Madah Church Road	300	...	Before S. C. for sanction.
2	Acquisition of lands and buildings for connecting Katchaleswarar Garden 2nd Street with Geils Street	...	...	
3	Connecting Venkatesa Maistry Street with Wall Tax Road	8,500	...	Collector is being addressed to acquire.
4	Rounding off the corner at Blackers Road junction of Dams Road	4,000	...	Council 18-7-22 under correspondence with the Collector.
5	Acquisition of land at Viraraghava Mudaly Street junction of Alangatha Pillai Street.	2,000	...	Before S. C. for sanction.
6	Acquisition of land and buildings for connecting Sherfuddin Garden Street with Aslambi Street	1,200	...	Do.
7	Acquisition of land in R. S. No. 671 of Triplicane for widening Habibulla Sahib Street.	2,700	...	Council 28-3-22. Under correspondence.
8	Acquisition of land in R. S. No. 2339 of Triplicane for widening Venkatesa Naick Street	576	...	Do. do.
9	Rounding off the corner of Ladies Recreation club at Marshalls Road junction of Commander-in-chief's Road.	505	505	Paid in full.
10	Acquisition of half the breadth of the land in R. S. No. 2717 of George Town for widening Pophams Broadway... ...	1,700	...	Award statement is awaited.
11	Acquisition of land in R. S. No. 661 of Triplicane for widening Triplicane High Road ...	1,500	...	Pending S. C.'s sanction for excess valuation statement.
12	Constructing a calvert in Poonamallee High Road	147	147	Council on 29-8-22, paid in full.
13	Constructing foot-path at Thousand Lights in Mount Road between Graems Road and Mount Road	2,800	385	In progress.
14	Acquisition of land for a roadway in Vyasarpadi from Murthinga Iyer lane to Erukkanjeri Road	2,500	...	Under correspondence with the Divisional Councillor.
	Carried over ...	28,428	1,037	

APPENDIX I.

STATEMENT II-A.—Details of allotment for expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART 1—NEW WORKS—*Contd.*

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	28,428	1,037	
	GRANT I Public Works.—*contd.*			
	1 NEW WORKS.—*contd.*			
	(*a*) **Communications** —*Contd.*			
15	Acquisition of land in Edward Elliot's Road acquired by S. W. D. and proposed to be taken over by Works Department ...	7,000	6,626	Paid in full.
16	Rounding off the corner at the southern end of Ayalur Muthiah Mudaly Street ...	2,173	...	Before S. C. for sanction for the excess in the valuation statement.
17	Connecting Ponnappen lane and Krishnappa Maistry Street	563	563	Acquired.
18	Opening lane connecting Hanumantharayan 2nd lane and Narasimha Dasari lane ...	920	...	Considered unnecessary by Government (vide G.O. No. 2340 L., Mis., dated 28-11-22.)
19	Connecting dead ends by forming roadway between Krishnappa Mudaly lane and Kolandai Gramani Street	2,492	2,549	Acquired. Sanction for excess is being obtained.
20	Rounding off the corners at Kennets lane ...	1,766	815	Acquired.
21	Acquisition of land in R. S. No. 2468 of Triplicane for widening Nallathambi Mudali lane	465	466	Acquired.
22	Acquisition of land in R. S. No. 1121 of Vepery for widening Ekambara Kumaraguru Street	200	...	Under correspondence with the party.
23	Acquisition of land in R. S. No. 2588 of Triplicane for opening the blind end of Raja Hanumanthalala Street	1,325	1,326	Acquired.
24	Acquisition of land in R. S. No. 173 of Chintadripet for widening Mangapathi Naick Street	201	201	Do.
25	Acquisition of land in R. S. No. 1447 of Triplicane for connecting Ganapathi Mudali Street with Triplicane High Road. ...	2,000	...	Collector has been addressed.
26	Acquisition of land and wall in R. S. No. 10549 of George Town to connect Cope Venkatachella Iyer Lane with a lane in China Bazaar Road	400	...	Under correspondence.
27	Acquisition of land in R. S. No. 1423 of Egmore for rounding off the corner at Marshalls Road junction of Thiruvengada Naick Street	150	...	To be acquired after completion of the building.
	Carried over ...	48,083	13,583	

46

APPENDIX I.

STATEMENT II-A.—Details of allotment for expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART I—NEW WORKS—*Contd.*

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	48,083	13,583	
	GRANT 1 Public Works—*contd.*			
	1 NEW WORKS.—*contd.*			
	(*a*) **Communications**.—*contd.*			
28	Rounding off the corner at Errabalu Chetti Street junction of Angappa Naick Street.	130	50	Acquired.
29	Acquisition of land in R. S. No 1891 of Choolai for opening a new street ...	270	...	...
30	Acquisition of land in R. S. No. 872/2 of Triplicane for construction of quarters for outdoor staff of Works Department ...	610	610	Acquired.
31	Widening China Bazaar Road at premises No, 122	1,767	...	Dropped
32	Splaying off the corner at Swami Pillai Street junction of Singaperumal Koil Street	622	622	Council 16-5-22. Acquired.
33	Splaying off corners and emergent set-backs under section 232 of the Act ...	2,000	...	
34	Petty Works	500	170	
	Total ...	53,982	15,035	

APPENDIX I.

STATEMENT II-A.—Details of allotment for expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART I—NEW WORKS—*contd.*

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
	GRANT 1 Public Works—*contd.*			
	1 NEW WORKS.—*contd.*			
	(b) Buildings.			
1	Contracting pail depot at DeMellows Road pumping station	14,500	12,698	Council 28-3-22. In progress.
2	Improvements to the sheep slaughter house Perambur	1,200	615	In progress.
3	Constructing a flush-out latrine of 28 seats in Veeran Paracheri, Triplicane ...	...	...	
(a)	Converting the existing sanded latrine into flush-out latrine in Veeran Paracheri ...	2,530	2,379	Completed.
(b)	Installing a flush-out latrine of 4 seats behind Grand Theatre	1,700	1,363	Do.
(c)	Installing a flush-out latrine in Arunachala Pandaram Street	2,500	932	In progress.
4	Constructing 12 bathing fountains in the City	...	...	
(a)	Constructing a bathing fountain in Shaik Davood Street and another in Veerabadra Asari Street	620	316	Commissioner 5-7-22. Building complete.
(b)	Constructing bathing fountains in Ebramji Sahib Street, Post office Street, Coral Merchant Street, North Beach Road, Ammen Kovil Street and Muthu Gramani Street	1,850	205	In progress.
(c)	Construting bathing fountains in Mulakothalam Paracheri, Adam Sahib Street and Barber's Bridge Road	900	618	Do.
(d)	Constructing a bathing fountain in Supariguuta	280	167	Completed.
5	Constructing 12 urinals in the City ...			
	(a) do a urinal in Pillayar Coil Street	275	263	Paid in full.
	(b) do „ in Badriah Street ...	160	131	Completed.
	(c) do „ in General Swami Naick Street ...	235	228	Paid in full
	(d) do „ Thirumalai Pillai Lane	200	35	Further work stopped
	Carried over ...	26,950	19,950	

47

APPENDIX I.

STATEMENT II-A.—Details of allotment for expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART I—NEW WORKS.—*contd.*

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
	Brought forward ...	26,950	19,950	
	GRANT 1 Public Works—*contd.*			
	1 NEW WORKS—*contd.*			
	(b) Buildings.—*contd.*			
	(e) Constructing a urinal in Bagavathal Lane	175	158	Paid in full
	(f) do „ Thatha Muthiappen Street	200	113	Further work stopped
	(g) do „ Venkatesa Naick Street	230	226	Paid in full
	(h) do „ Portuguese Church Street	185	172	Do
	(i) do „ in other Streets ...	1,500	...	
	(j) do „ Moore Market premises	...	241	Commissioner 6-12-22. In progress.
6	Improvements to the Corporation building premises No. 368, Pycrofts Road Triplicane	455	455	Paid in full.
7	Do 369, Pycrofts Road „	1,600	1,482	Do.
8	Do 370 do „	1,800	1,407	Do.
9	Additions to the existing dispensary in Poonamallee High Road ...	1,350	474	In progress.
10	Connecting the drainage of the bathing fountain with sewer in Shaik Davood Street	152	125	Paid in full.
11	Constructing a bathing fountain in Venkatarangam Pillai Street ...	300	...	Materials under collection.
12	Alterations to the milch depot in Basin Bridge Road	7,000	1,934	Further work stopped.
13	Installing a flushing tank in Tondiarpet ...	380	327	Completed.
14	Installing a circular urinal in 12th Division	200	23	Do.
15	Do in Wall Tax Road junction of China bazaar Road ...	337	337	Paid in full.
16	Do in Nattu Pilliar Koil Street.	224	224	Do
	Carried over ...	43,038	27,648	

APPPENDIX I.

STATEMENT II-A—Details of allotment for expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART I—NEW WORKS—*continued.*

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	43,038	27,648	
	GRANT 1 Public Works—*contd.*			
	1 New Works—*contd.*			
	(*b*) **Buildings.**—(*contd.*)			
17	Installing a circular urinal in Triplicane High Road junction of Mufthariunissa Street ...	270	268	Paid in full.
18	Do Peters Road junction of Jani Jhan Khan Road ...	272	271	Do
19	Do Anna Pillai Street junction of Audiappa Naick Street ...	173	173	Do
20	Do Ellis Road junction of Nallathambi Chetti Street ...	232	231	Do
21	Installing a flushing tank for sewer in the City	330	...	Completed (arrear)
22	Installing electric lights in the Infectious Diseases Hospital Royapuram ...	2,250	132	Nearing completion. Cable to be laid
23	Constructing a bathing place at Thatha-muthiappen Street	300	280	Building completed.
24	Shifting toll gates in Perambur and Madawakam	700	696	Paid in full.
25	Improvements to the Lying-in-Hospital, Monegar Choultry Road	1,126	1,121	Do
26	Constructing compound wall on the eastern side of Dhobikhana, Robinson Park ...	4,315	4,297	Do
27	Installation of electric lights and fans in Chintadripet Dispensary	400	...	Not commenced.
28	Petty works	200	168	
	Total ...	53,600	35,285	

48

APPENDIX I.

STATEMENT II-A—Details of allotment for expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART I—NEW WORKS—*contd.*

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
	GRANT 1 Public Works—*contd.*	Rs.	Rs.	
	1 New Works—*contd.*			
	(*c*) **Drainage.**			
1	Storm water drainage—			
	(*a*) Draining the swamps at Washermanpet ...	2,000	1,525	Completed.
	(*b*) Covering side drains in Ice House Road ...	...	152	Do
	(*c*) Covering side drains in Peters Road ...	10,000	...	
2	Antimalaria drainage—			
	(*a*) Main channel	500	-97	In progress.
	(*b*) Hospital plain	5,500	2,105	Do
3	Doing drain connection and shifting syphon boxes in Anal Khan Sahib Street ...	430	...	Completed.
4	Doing drainage connection to the motor lorry Station in Anna Pillai Street ...	142	142	Paid in full.
5	Manufacturing cast iron gratings for covering drains in different places ...	320	296	Do
6	Raising the existing syphon boxes above the road line in the new drainage areas (A, B & C) and in new Triplicane areas:—			
	(*a*) Raising the syphon boxes in the lane joining Theradi Street and Venkatarangam Pillai Street, Triplicane	192	192	Paid in full.
	(*b*) Raising the syphon boxes and providing connections in Arumuga Chetti Street, Triplicane	172	172	Do
	(*c*) Raising the existing syphon boxes above road level in the south range, 26th Division	1,249	1,249	Do
	(*d*) Do. in C area Royapuram ...	494	493	Do
	(*e*) Do. in B area old Washermanpet	580	565	Do
7	Raising syphon boxes above road level in south range			
	(*a*) Do. in 27th Division, Triplicane	750	710	Paid in full.
	Carried over	22,329	7,500	

APPENDIX I.

STATEMENT II-A.—Details of allotment for expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART I—NEW WORKS.—Contd.

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	22,329	7,509	
	GRANT 1 Public Works—contd.			
	1 NEW WORKS—contd.			
	(c) **Drainage**—(Contd.)			
	(b) Constructing tipping depot in Velayuda Chetty Street, Goyathope	176	164	Paid in full.
	(c) Raising syphon boxes above road level in 24th, 25th & 26th Divisions ...	686	659	Do
	(d) Repairing the syphon boxes in 24th & 25th Divisions, Triplicane ...	110	96	Do
	(e) Constructing 4" masonry drain in Mariappa Naick Street off Eldams Road ...	120	105	Do
	(f) Raising syphon boxes above road level in 30th Division Mylapore ...	200	176	Do
	(g) Do. 23rd Division ...	1,070	1,004	Do
	(h) Do. 28th & 29th Divisions ...	740	709	Do
	(i) Do. in Barracks Road, Vepery.	200	184	Do
	(j) Do. in 24th Division Triplicane	750	684	Do
8	Purchasing cast iron silt catcher buckets for syphon boxes in the City ...			
	(a) Constructing masonry side drains in the 2nd, 3rd & 4th Barber's Bridge lanes ...	500	447	Paid in full.
	(b) Laying 4" sewer in Barbers Bridge Road	500	477	Do
	(c) Raising the existing syphon boxes above road level in 'A' area Tondiarpet ...	1,000	871	Completed.
9	Purchase of stoneware syphon covers ...			
	(a) Manufacturing 1,000 reinforced syphon covers ...	250	234	Paid in full.
	(b) Do. 2,400 do. ...	310	254	Do
10	Raising syphon boxes in the different streets in (c) area	400	354	Do
	Carried over ...	29,341	13,927	

49

APPENDIX I.

STATEMENT II-A.—Details of allotment for expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART 1—NEW WORKS.—contd.

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year	Remarks.
		Rs.	Rs.	
	Brought forward ...	29,341	13,927	
	GRANT 1 Public Works—contd.			
	1 NEW WORKS.—contd.			
	(c) **Drainage**—contd.			
11	Covering the big drains in Chella Pillayar Coil Street and Bangaru Naick Street Thiruvateeswaranpet :—			
	(a) Covering the drain in Chella Pillayar Coil Street	897	897	Paid in full.
12	Constructing side drains and stormwater channels in the City			
	(a) Constructing masonry drains on the banks of the Cooum to drain the houses in Perumal Mudali Street ...	996	935	Paid in full.
	(b) Constructing 12" side drain at Rama Naick Street, Nungambakkam ...	786	777	Do
	(c) Constructing 4" side drain at Kumarappa Mudali Street, Nungambakam ...	510	510	Do
	(d) Raising the side drain between Broadway and Francis Joseph Street ...	238	238	Do
	(e) Manufacturing drain covering slabs, 3½' for St. Xavier Street ...	1,550	1,264	Do
	(f) Manufacturing drain covering slabs 6', 5' 4', & 2½' 25 in. each for covering drains,	385	299	Do
13	Installing cast iron ventilating column Tondiarpet	145	130	Do
14	Petty Works	2,000	1,081	
	(a) Constructing an open masonry drain along side of temple wall in Veeraswamy Iyer Street Nungambakkam...	...	124	Do
	(b) Providing additional manholes in Nattusubroya Mudaly Street ...	...	283	Commissioner dated 24-2-23. Completed.
	Total ...	36,848	20,465	

STATEMENT II-A.—Details of allotment for expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART I—NEW WORKS—*contd.*

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year	Remarks.
		Rs.	Rs.	
	GRANT 1 Public Works—*contd.*			
	1 NEW WORKS.—*contd.*			
	(*d*) **Water-supply.**			
I	Purchasing and fixing meters:—			
	(1) Manufacturing 8 cast iron meter doors at Workshop	652	637	Completed.
	(2) Purchase of meters from Messrs. Martin and Co.	157	157	Paid in full.
	(3) Manufacturing 100 cast iron strainers for meters	820	793	Do
	(4) Diverting 2" main from 3" and fixing a meter in the cart stand, Elephant Gate Road	105	117	Do
	(5) Purchase of 196 meters of sizes (150—¾" 40—1" and 6—2") ...	14,496	14,496	Paid in full (S. C. W. dated 19-5 22
	(6) Purchasing 190 disc water meters from Worthington Simpson & Co. ...	6,048	6,048	(Arrear) Paid in full.
	(7) Petty Works	2,000	8,112	S. C./W., dated 19-1-23.
II	Laying and cleaning pipes:—			
	(1) Extending the existing 2" main in Erukkanjeri Road and fixing a public fountain in front of the model school ...	680	660	Paid in full.
	(2) Laying pipe and fixing a public fountain in Bhimanna Mudali Street ...	140	132	Do
	(3) Laying 4" main in Arulananda Mudali Street	160	36	Completed.
	(4) Laying 1" service from Naval Hospital Road and erecting a public fountain in the latrine lane	160	134	Paid in full.
	(5) Laying 3" main in Dharmaraja Koil lane from 4" main in Kalathiappa Mudali Street	600	411	Completed.
	(6) Laying 1" service from Barracks Road and erecting a public fountain in Muktar Sheriff Sahib Street	140	120	Paid in full.
	Carried over ...	26,158	31,853	

STATEMENT II-A.—Details of allotment for expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART I—NEW WORKS—*Contd.*

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	26,158	31,853	
	GRANT 1 Public Works—*contd.*			
	1 NEW WORKS.—*contd.*			
	(*d*) **Water-supply.**—*contd.*			
	(7) Laying 4" main in Egappa Naick Street and Dharmaraja Koil Street, Korukupet	1,220	487	Completed.
	(8) Laying Street main and erecting a public fountain and a hydrant in Thiruvattiur High Road	620	494	Paid in full.
	(9) Laying 4" Main in Murugappa Mudali Street from Irusappa Gramani Street to Kandappa Mudali Street ...	280	15	Completed.
	(10) Laying 4" main in Byram Jung Bahadur Street	220	...	In progress
	(11) Laying 4" main in Arumuga Naick Street	135	...	Completed
	(12) Do. in Kathivakkam Street...	175	36	Do
	(13) Laying pipe and fixing a public fountain in Nallannan Cheri	210	197	Paid in full
	(14) Taking 3" connection from 12" main in Strahans Road and laying 3" pipes for house service in Devaraja Mudali Street	234	...	(Arrear) completed
	(15) Extending the street main and erecting a water tap in the Hindu Burial ground in Sarianarayana Chetty Street ...	124	...	Do do
	(16) Laying 4" main in Karneswarar Pagoda Street, Mylapore	1,000	214	Do do
	(17) Laying 2½" main in Gajapathi Lala Street, Triplicane	160	...	Do do
III	Fixing hydrants in the City:—			
	(1) Fixing a hydrant at the west end of Krishna Iyer Street	120	82	Paid in full.
	(2) Fixing hydrant at motor lorry shed at the Corporation Workshop	200	124	Do
	Carried over ...	30,856	33,502	

STATEMENT II-A.—Details of allotment for expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART I—NEW WORKS—contd.

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	30,856	33,502	
	GRANT 1 Public Works.—contd.			
	1 New Works—contd.			
	(d) Water-supply.—(contd.)			
IV	Fixing public fountains—			
	(1) Erecting two public fountains at Jagannathapuram, Chetput	572	570	Paid in full.
	(2) Erecting a public fountain in Kathiwakkam High Road	140	143	Do
	(3) Erecting a public fountain at Mannappa Mudali Street Junction of Kailasa Chetty Street	230	221	Do
	(4) Erecting a public fountain in Balakrishna Mudali Street, Vyasarpadi ...	130	119	Do
V	Petty Works, (Major)			
	(1) Erecting 3 cattle troughs with re-inforced concrete (one in Royapettah High Road, one in Eldhams Road and the third in Ashtabujam Road) ...	250	234	Do
	(2) Erecting a public fountain at the northern end of Viraraghavan Street, Chaklipalayam	140	127	Do
	(3) Erecting a public fountain at the eastern end of Dasari Street, Chaklipalayam ...	200	176	Do
	(4) Do. in Varadan Street, Chaklipalayam.	160	154	Do
	(5) Do. in the centre of Kandan Street, Chaklipalayam.	250	239	Do
	(6) Making water connection to the public latrine at Lalagunta, west of Thiruvattiyur High Road	140	140	Do
	(7) Making water connection to Varadappa Maistri Street, behind the Corporation Dispensary in Thiruvottiyur High Road.	140	143	Do
	(8) Do. do. at the new pensioners' lines, Washermanpet ...	170	159	Do
	Carried over ...	33,378	35,927	

STATEMENT II-A.—Details of allotment for expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART I—NEW WORKS—contd.

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	33,378	35,927	
	GRANT 1 Public Works.—contd.			
	1 New Works.—contd.			
	(d) Water-supply.—contd.			
	(9) Installing a public fountain in Mallippucheri near Muthu Gramani Street ...	130	117	Paid in full.
	(10) Erecting a public fountain at Alangammal lane, junction of Cemetery Road ...	160	145	Do
	(11) Do. in Halls Garden 1st lane ...	270	258	Do
	(12) Do. do west side...	150	134	Do
	(13) Do. at the centre of eastern border of Moolakothalam cheri.	165	145	Do
	(14) Do. near the school in Moolakothalam cheri ...	110	100	Do
	(15) Do. in the middle of Barracks gate road ...	150	132	Do
	(16) Erecting a public fountain in Nallannan cheri	210	...	Amount otherwise utilised.
	(17) Erecting public fountain in Kumaraswami Chetti lane ...	122	128	Paid in full.
	(18) Constructing a channel and chamber and fixing 24" pipe to the manhole No. 11 in the bed of Red Hills lake ...	5,000	2,996	S. C./W. dated 27-4-23. Completed.
	(19) Petty Works (major and below Rs. 100):	6,000	...	
	(a) Fixing two surface Hydrants in the middle Chinnathamby Mudaly Street.	...	476	Commissioner 25-11-22. Paid in full
	(b) Erecting a public fountain in Appaswamy Mudali Lane.	...	174	Do. 16-10-22. do
	(c) Do in Tondiarpet Cheri	...	288	Do. do
	(d) Laying 4" main in Thalayari Street ...	...	200	Do. 5-10-12. do
	(e) Do a new 4" main in Venkatarangam Pillai Street	...	46	Do. completed.
	Carried over ...	45,845	41,266	

STATEMENT II-A.—Details of allotment for expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART—I NEW WORKS—*Contd.*

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	45,845	41,266	
	GRANT 1 Public Works—*contd.*			
	NEW WORKS.—*contd.*			
	(*d*) **Water-supply.**—*concld.*			
	(*f*) Fixing a public fountain in Tippu Saib Street	...	171	Commissioner 6-11-22. Paid in full.
	(*g*) Do Javahar Hussain Khan Street.	...	172	Do. 2-11-22. do
	(*h*) Laying $1\frac{1}{2}''$ service from Veerabadra Asari Street to the sanded latrine in Harris Cart Depot	...	...	Do. 6-12-22. Not commenced.
	(*i*) Laing 4" main in a portion of Mannar Street and Kalappa Asari Street ...	...	23	Do. 16-11-22. In progress.
	(*j*) Erecting a new fountain in a lane in Veerachetti Street	...	123	Do. 5-12-22. Paid in full.
	(*k*) Fixing a fountain in Batmode cheri from main in Erukanjeri Road	...	800	Do. 6-12-22. do.
	(*l*) Petty works (minor)	...	2,525	
	Total ...	45,845	45,080	
	(*e*) **Miscellaneous.**			
1	Constructing an ornamental parapet wall with masonry pedestal and reinforced balustrade and coping in People's Park ...	3,700	1,208	Nearing completion.
	Total ...	3,700	1,208	

STATEMENT II-A—Details of allotment for expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART II—REPAIRS

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	GRANT 1 Public Works.			
	(2) **Repairs.**			
	(*a*) **Communications & Buildings.**			
1	Labour for roads	1,30,000	1,11,088	
2	Reform of roads including tarring and tar-macadamising	4,10,000	3,83,970	
3	Purchase of two lorries	41,865	41,865	
4	Purchase of tar-macadam mixers ...	...	...	
5	Fuel, repairs etc to road rollers ...	35,000	29,276	
6	Purchase of tar-boilers	...	...	
7	Repairs to roads	80,000	76,859	
8	Purchase of stone crushers	...	...	
9	Repairs to culverts and footpaths ...	...	...	
	(*a*) Relaying curb-stones for the foot-path in the corner of Fraser Bridge Road ...	160	111	Paid in full.
	(*b*) Repairs to culvert in Band Practice Road	130	63	Do.
	(*c*) Extending culvert in Sullivans Garden Road	320	319	Do.
	(*d*) Improvement to the culvert at Olivers Road junction of Apparsamy Coil Street, Mylapore	145	116	Do.
	(*e*) Constructing foot path on the northern side of General Hospital Road from Wall Tax Road	160	...	Completed.
	(*f*) Repairing the culvert at Harrington Road junction of Mc. Nicholls Road ...	416	416	Paid in full.
	Carried over ...	6,98,196	6,44,083	

APPENDIX I.

STATEMENT II-A.—Details of allotment for expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART II—REPAIRS.—*contd.*

No.	Particulars.	Revised Estimate. Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	6,98,196	6,44,083	
	GRANT 1 Public Works—*contd.*			
	(2) REPAIRS.—*contd.*			
	(*a*) **Communications & Buildings.** (*continued.*)			
	(*g*) Making 4 back reinforced benches for Fort Beach Road	160	155	(Arrear) Paid in full.
	(*h*) Petty Works	2,700	364	
	(1) Manufacturing 200 re-inforced slabs 4'×1'×⅓' for covering culvert in Mowbrays Road	..	382	Engineer 11-12-22. Completed
	(2) Rebuilding culvert between Electric post Nos. 16-17, Adam's Road	...	125	Paid in full.
10	Purchase of a steam Road Roller.—	12,880	12,880	Do
11	Repairs to canal bridges	...	...	
	(*a*) Painting Napier Bridge with one coat of 'cuirass' paint	1,900	1,777	Completed.
	(*b*) Repairs to bridges in N. R	1,800	1,796	Paid in full.
	(*c*) Do in 19th & 20th Dns. ...	450	...	Completed.
	(*d*) Petty works	500	197	
12	Tools etc., for road making	10,000	9,315	
13	Repairs to watering carts, fodder for bullocks etc	8,000	6,554	
14	Petrol, repairs etc., to motor lorries ...	15,000	13,979	
15	Avenue maintenance	5,000	4,931	
16	Petty works :— ...	...	...	
	(*a*) Widening Perambore Tank Road ...	182	182	Paid in full.
	(*b*) Shifting tram post at the junction of Esplanade road and China Bazaar Road ...	222	222	Do.
	Carried over ...	7,56,990	6,96,942	

APPENDIX I.

STATEMENT II-A.—Details of allotment for expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART II—REPAIRS—*contd.*

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	7,56,990	6,96,942	
	GRANT 1 Public Works—*contd.*			
	(2) REPAIRS—*contd.*			
	(*a*) **Communications & Buildings**—*contd.*			
	(*c*) Works below Rs. 100	4,500	5,117	
17	Experimental Road making in Poonamallee High Road	15,000	...	Dropped.
	Total ...	7,76,490	7,02,059	
18	Repairs to Municipal Buildings ...			
	(1) Providing wooden partition and altering the counter in the ground floor, Ripon Buildings	278	278	Paid in full.
	(2) Re-lining the large cupola at Workshop.	730	728	Do.
	(3) Removing the worn-out tipper and replacing with new ones in the flushout latrine in Velayuda Chetti Street, Pudupet	150	146	Do.
	(4) Repairing and raising the chimney of the large cupola at Workshop ...	135	129	Do.
	(5) Removing the old 5" pipe and putting on 8" pipe for the blast of cupola at moulders' shop, Workshop... ...	202	64	In progress.
	(6) Fixing 2 electric fans and a light in the Drainage Superintendent's Office, Ripon Buildings	480	485	Paid in full.
	(7) Repairing the female latrine in Maddalan street	105	105	Do.
	(8) Repairs to Hope Lodge, Perambur ...	255	255	Do.
	(9) Constructing trough, removing angle iron and widening doors in the Sheep Slaughter House	450	330	Completed.
	(10) Extending electric lights in the Foundry of Corporation Workshop ...	260	201	Paid in full.
	(11) Reforming Elephant Gate cart stand	450	...	Completed by departmental supply of materials and labour.
	Carried over ...	3,495	2,721	

STATEMENT II-A—Details of allotment for expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART II—REPAIRS.—*Contd.*

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	3,495	2,721	
	GRANT I Public Works—*contd.*			
	(2) REPAIRS—*contd.*			
	(a) **Communications & Buildings.** *continued.*			
	(12) Removing and refixing the brick-nogged partition in the drawing office, 2nd floor, Ripon Buildings	150	136	Paid in full
	(13) Repairs to Bailiff's quarters, Royapuram	147	147	Do.
	(14) Improvements to the linen-room Infectious Diseases Hospital, Royapuram.	257	257	Do.
	(15) Shifting and installing electric lights and fans in the Shroff's room, Revenue Department, Ripon Buildings ...	650	567	Completed.
	(16) Fixing an electric fan in the room of Assistant Engineer, Special Water Works, Ripon Buildings	250	4	Do.
	(17) Plastering with chunam the walls of Ripon Buildings	115	119	Paid in full.
	(18) Whitewashing the Corridor and walls of Ripon Buildings, ...	220	216	Do.
	(19) Pointing the flooring, Ripon Buildings.	650	591	Completed.
	(20) Repairs to office and store of Building Overseer, 22nd Division... ...	161	161	Paid in full.
	(21) Repairs to Sergeant's quarters, People's Park	302	302	Do.
	(22) Cutting lines on the cuddapah slab flooring, Moore Market	233	233	Do.
	(23) Providing rattan blinds to Zoo Superintendent's quarters, People's Park ...	145	123	Do.
	(24) Repairs to the office and stores of Sewer Superintendent, 24th Division ...	308	308	Do.
	(25) Repairs to the Corporation Dispensary	101	101	Do.
	Carried over..	7,184	5,996	

STATEMENT II-A—Details of allotment for expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART—II REPAIRS.—*contd.*

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	7,184	5,996	
	GRANT I Public Works—*contd.*			
	(2) REPAIRS—*contd.*			
	(a) **Communications & Buildings**-*contd*			
	(26) Fixing ceiling plank to a portion of zinc sheet roofing in the verandah of Electric Stores	303	303	Paid in full.
	(27) Repairs to latrines in 5th to 7th Divisions ...	132	132	Do,
	(28) Do 8th to 12th do. ...	272	282	Do.
	(29) Do 11th to 15th do ...	490	489	Do.
	(30) Do 16th to 18th do ...	650	648	Do.
	(31) Do 19th and 20th do ...	300	141	Do.
	(32) Do 21st and 22nd do ...	650	474	Do.
	(33) Do and Sanitary Inspector's office 26th and 27th Divisions ...	450	280	Do.
	(34) Fixing 2 glow lamp posts in Dhobykhana, Chetput	660	246	Completed.
	(35) Connecting the drainage of Lying-in-Hospital with sewer in Old Jail Street...	100	70	Paid in full.
	(36) Repairing the big cupola at moulder's shed, Workshop	960	853	Do.
	(37) Providing iron lids to the gram boiling trough in central gram depot ...	110	96	Do.
	(38) Fixing one electric fan and a light in the mechanical drawing room, Ripon Buildings	270	259	Do.
	(39) Annual repairs and improvement to cart stand, Elephant Gate Road ...	650	649	Do.
	(40) Repairs to male and female latrine, Chetty's Garden	125	125	Do.
	(41) Repairs to office room of zoo Superintendent, People's Park	107	107	Paid in full.
	Carried over ...	13,413	11,100	

STATEMENT II—A Details of allotment for expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART—II REPAIRS—*contd.*

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
	Brought forward ...	Rs. 13,413	Rs. 11,100	
	GRANT I Public Works—*contd.*			
	(2) REPAIRS—*contd.*			
	(a) **Communication & Buildings**-*contd.*			
	(42) Putting up partition in the southern verandah of the 2nd Floor, Ripon Buildings	325	326	Paid in full.
	(43) Repairs to 'C' Depot, Chulai ...	130	125	Do.
	(44) Repairs to latrines, Sanitary Inspector's Office and cart stand 28th and 30th Divisions	1,750	142	Completed.
	(45) Putting up Mangalore tiled shed in rear of Washermanpet Child Welfare Centre	310	310	Paid in full.
	(46) Repairs to Sanitary Inspector's Office Ibramji Sahib Street ...	190	187	Do.
	(47) Repairing the roof of roller shed No. 4 and providing teak wood gate ...	265	246	Do.
	(48) Renewing the Cuddapah slab flooring and washing platform in the Corporation model lines, Washermanpet ..	250	215	Do.
	(49) Erecting corrugated iron shed for moulder's use, Workshop ...	270	251	Do.
	(50) Repairing latrines in Cooum River Road and Budaperumal Naick Street.	300	188	Do.
	(51) Repairing the painted card-boards for the ceiling of Council Chamber Ripon Buildings	125	95	Do.
	(52) Fixing Lightning Conductor for Pallavaram magazine	120	...	Not yet fixed.
	(53) Repairs to lethal chamber Basin Road	170	165	Paid in full.
	(54) Repairs to quarters of the Assistant Superintendent, slaughter House, Perambore.	220	218	Do.
	(55) Repairing Basin Road incinerator ...	700	445	In Progress.
	Carried over ...	18,538	14,013	

STATEMENT II-A—Details of allotment for expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART II—REPAIRS—Contd.

No.	Particulars.	Revised Estimate Grant.	Expediture during the year.	Remarks.
	Brought forward ...	Rs. 18,538	Rs. 14,013	
	GRANT I. Public Works.			
	2. Repairs.			
	(a) **Communications & Buildings**			
	(56) Repairs to old (c) depot drivers lines Washermanpet	1,150	1,017	Paid in full.
	(57) Repairing plotform in rear of fire station, Pudupet	150	...	In progress.
	(58) Repairs to Red Hills bungalow ...	2,250	...	Do.
	(59) Installing electric fan in the office of the Superintendent of cattle depots ...	325	290	Paid in full.
	(60) Painting the 2nd floor of Ripon Buildings	2,850	1,975	In progress.
	(61) Varnishing doors and windows of Ripon Buildings	1,800	...	Not commenced.
	(62) Repairs to Moore Market	980	493	Completed.
	(63) Putting up a lamite sheet partition in the northern verandah of the 2nd floor Ripon Buildings for the use of Electric Department	280	256	Paid in full.
	(64) Enclosing the compound wall on the northern side of the Electric Stores ...	700	555	Do.
	(65) Draining the latrine of North Wall Road into sewer	150	...	(Arrear) completed.
	(66) Rewiring the northern wing of Rajah Sir Ramaswami Mudaliar Lying-in-Hospital	420	179	Do.
	(67) Whitewashing Corporation Workshop and Stores	188	188	(Arrear) paid in full.
	(68) Repairs to pumping stations ...	3,000	2,617	
	(69) Repairs to cattle depots A, B & C ...	6,680	...	
	(70) Petty-works, Repairs to buildings ...	8,000	7,696	
(a)	Repairs to Central Gram Depot ...	...	254	Commissioner 14-11-22. Completed.
(b)	Manufacturing and supplying 6 W. I. tippers for use of F. O. latrines	...	203	Paid in full.
(c)	Repairs to latrine at Nadukuppam ...	...	121	Engineer 22-11-22. Paid in full.
	Carried over ...	47,461	29,857	

APPENDIX I.

STATEMENT II-A—Details of allotment for expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT

PART II—REPAIRS—Contd.

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	47,461	29,857	
	GRANT I. Public works.			
	2. Repairs.			
	Communications & Buildings—Contd.			
(d)	Reconstructing the fallen compound wall of the Royal Theatre...	...	285	Paid in full.
(e)	Reconstruction a shed for the lorry station, near Corporation Workshop	...	469	Engineer 13-12-22. do.
(f)	Repairing the leaky tap of the basins of three floors Ripon Buildings ...	...	142	Do. 26-1-23 do.
(g)	Fixing two glow-lamp posts in front of Ripon Buildings	...	54	Commissioner 24-1-23 completed.
(h)	Dismantling the old gate and blocking up the same with now brick wall in Periamet yard	...	79	Engineer 10-2-23 do.
(i)	Constructing tipping platform to the Flush out latrine in Nariangadu Paracheri ...	...	51	Commissioner 7-2-23. In progress.
(j)	Covering with coir matting fixed with iron rods for the main stair-case. Ripon Buildings	...	...	Engineer 20-2-23. Completed.
	Total ...	47,461	30,937	
	GRANT I. Public works.			
	2. Repairs.			
	(b) **Drainage.**			
1	Labour	1,04,890	1,04,947	
2	Coal, liquid fuel, lubricating oil for the engines and charges of current for electric motor	1,50,000	1,64,169	
3	Repairs to engines and motors ...	40,000	34,109	
4	Fitters staff, coolies, overtime &c., ...	18,000	17,625	
5	Miscellaneous	500	168	
6	Contingencies such as materials for sewer cleaning &c., ...	20,000	20,121	
	Carried over ...	3,33,390	3,41,139	

APPENDIX I.

STATEMENT II-A.—Details of allotment for expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART II—REPAIRS—contd.

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks
		Rs.	Rs.	
	Brought forward ...	3,33,390	3,41,139	
	GRANT I. Public works.			
	2. Repairs.			
	(b) **Drainage**—contd.			
7	Repairs to Kelly's drain	6,200	533	
8	Tools &c., for house drainage and other works	5,000	3,197	
9	Cleaning main drains	1,500	1,126	
10	Repairing masonry drains			
	(1) Connecting drainage and shifting syphon boxes, in Owlia Khan Sahib Street ...	430	422	Paid in full.
	(2) Cleaning silt in Trevelyan Basin Wharf...	4,500	4,133	Do.
	(3) Repairing side drain in Kennett's Lane...	258	258	Do.
	(4) Removing the existing cement pipes and resetting same in Gengu Reddi Street ...	105	105	Do.
	(5) Relaying pipes in Dooming Street Mylapore	150	107	Do.
	(6) Repairing side drain in Godown Street...	111	111	Do.
	(7) Manufacturing and supplying cast iron covers, 2 of 3'–8"×3'–8" 2 of 1'–3"× 1' and 2 of 9'×2' ...	700	660	Do.
	(8) Curbing the existing drain in Savarimuthu Street, Georgetown ...	300	300	Do.
	(9) Removing old 2" cast iron pipe and relaying 6" cast iron pipe at Dasari Street Chaklipalayam	110	56	Completed.
	(10) Repairing side drain in Davidson Street	115	115	Paid in full.
	(11) Connecting the drainage of Ellapada Madha Koil to sewer in Triplicane High Road	130	127	Do.
	(12) Repairing side drains in Graemes Road...	234	234	Do.
	(13) Manufacturing and supplying 1 cast iron grating $2\frac{1}{2}"\times2\frac{1}{2}"\times1\frac{1}{8}"$ and 4 cast iron gratings $3'\times2\frac{1}{8}"\times1\frac{1}{8}"$ for Peddu Naick Street	105	101	Do.
	Carried over ...	3,53,388	3,53,774	

APPENDIX I.

STATEMENT II-A.—Details of allotment for expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART II—REPAIRS—*contd.*

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	3,53,388	3,52,774	
	GRANT I. Public Works.			
	2. Repairs.			
	(b) **Drainage**—Contd.			
	(14) Providing Cast iron man-hole cover in place of old one in Slaughter House Road junction of Mannarsami Coil Street ...	150	135	Paid in full.
	(15) Laying 1" house connection to premises No. 5, Monegar Choultry Road Royapuram.	225	220	Do.
	(16) Improvement to over flow drain opposite to 'C' pumping station ...	350	331	Do.
	(17) Constructing the broken side drain in several places in Krishnappa Naick Agraharam Street	110	110	Do.
	(18) Dismantling and reconstructing side drain in Mangammal Lane, Georgetown ...	220	220	Do.
	(19) Repairing side drain and flooring same in Perumal Mudali Street, Pudupankam ...	200	135	Completed.
	(20) Repairing side drains in Strotten Muthia Mudali Street, George Town	300	283	Paid in full.
	(21) Covering side drains in St. Xavier St, from Pedariar Coil Street to Broadway ...	750	...	Completed.
	(22) Raising a foot high the outer walls of the 1" side drain in Angappa Naick Street.	600	599	Paid in full.
	(23) Removing and relaying the collapsed sewer in Nyneappa Naick Street, Tondiarpet	1,000	1,526	Est. is being revised.
	(24) Connecting the drainage of tar macadam depot with Cooum River Road ...	150	...	(Arrear) completed.
	(25) Petty Works (major and minor) ...	18,000	17,609	
	(a) Constructing 4" side drain in Kumarappa Mudaly Street west end, Nungambakkam.	...	142	Engineer 20-11-22. Paid in full.
	(b) Reconstructing a circular manhole at North madah Street junction of west madah Street Royapuram	...	250	Do. 23-11-22 do.
	(c) Repairing and reconstructing side drain in Pallappen Street	...	120	Do. do. do.
	(d) Raising and covering side drain in continuation of Ponnappen Lane	...	77	Do. do. do.
	Carried over ...	3,75,443	3,74,531	

57

APPENDIX I.

STATEMENT II A—Details of allotment for expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART II—REPAIRS—*contd.*

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	3,75,443	3,74,531	
	GRANT I. Public Works.			
	2. Repairs.			
	(b) **Drainage**—*contd.*			
	(e) Providing storm water gutters in general Hospital Road	...	405	Engineer 27-11-22. completed.
	(f) Manufacturing 50 re-inforced concrete gratings $2\frac{3}{4}\times1\frac{1}{4}'\times\frac{1}{4}''$ for China Bazaar Road	...	130	Do. 15-12-22. Paid in full.
	(g) Repairing open side drain in front of premises Nos 13-14 Bangaru Naick Street.	...	205	Do. 20-12-22. do.
	(h) Repairing side drain in Malayaprumall Street George Town	...	143	Do. 15-1-23. do.
	(i) Manufacturing and supplying &-C. 1 gratings to cover cesspools in Peddu Naick Street	...	122	Paid in full M. E. on 19-4-22.
	Total ...	3,75,443	3,75,536	
	Repairs.			
	(c) **Water-Supply.**			
1	Labour	45,550	42,981	
2	Coal, lubricating oil &c., for Kilpauk pumping station ...	1,00,000	1,20,839	
3.	Repairs to engines &c., do. ...	15,000	17,639	
4	Miscellaneous, Repairs to fountains, &c. ...	47,500	36,205	
5	Fitter staff, coolies, overtime &c., ...	13,000	15,200	
6	Tools &c., contingencies	12,000	7,951	
7	Payment for Red Hills water	35,000	34,073	
8	Repairs to meters and renewal	12,000	11,988	
	Total ...	2,80,050	2,86,876	
	(d) **Miscellaneous.**			
	Petty Works	500	243	
	Total ...	500	243	

STATEMENT III-A—Demand, Collection and Balance Statement of Taxes, &c., for the year 1922–23—(*Current.*)

	Description of Taxes, etc.	Gross Demand.			Remitted on appeal.			Net Demand Column 2 (minus Column 3).			Collection. For the year 1922-23.			Collection. Taxes paid in advance for 1923-24.			Collection. To be refunded.			Percentage of collection to net Demand.	Remission. For vacancy, &c.			Remission. Written off.			Percentage of Remission to net demand.	Balance.			Percentage of Balance to net demand.
	1	2			3			4			5			6			6a			6b	7			8			8a	9			9a
		Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.		Rs.	A.	P.	Rs.	A.	P.		Rs.	A.	P.	
1	Tax on Arts, etc.	5,73,735	2	0	649	6	0	5,73,085	12	0	(a) 138 5,32,381	0 8	0 0	35	0	0	...			92·93	...			1,743	2	0	·30	38,823	2	0	6·77
2	Tax on Buildings and lands	15,91,506	5	2	2,418	1	6	15,89,088	3	8	(a) 55 14,46,418	10 1	5 5	318	1	7	7,828	6	2	92·28	16,944	4	4				1·06	1,25,669	8	6	6·66
3	Tax on Lands	21,486	11	6	...			21,486	11	6	(a) 0 14,601	9 2	2 4	0	6	8	10	3	4		2	11	9					6,882	4	3	
4	Water and Drainage tax on Buildings and Lands	10,34,479	1	4	1,571	11	11	10,32,907	5	5	(a) 36 9,40,172	2 2	10 10	206	12	0	5,088	7	3		11,013	12	7					8,685	3	2	
5	Water and Drainage Tax on Lands	13,966	5	11	...			13,966	5	11	(a) 0 9,490	5 12	10 1	0	4	4	6	10	3		1	12	3					4,473	7	9	
6	Lighting Tax on Buildings and lands	3,18,301	3	11	483	9	7	3,17,817	10	4	(a) 11 2,89,283	2 12	1 1	63	9	11	1,565	10	10		3,388	13	8					25,133	14	6	
7	Lighting Tax on Lands	4,297	5	6	...			4,297	5	6	(a) 0 2,920	1 2	10 8	0	1	4	2	0	8		0	8	9					1,376	7	3	
8	Tax on Vehicles with springs	1,98,424	0	0	...			1,98,424	0	0	(a) 12,669 1,40,794	8 8	0 0	13,646	0	0	...			80·34	...			...			...	38,961	0	0	19·66
9	Tax on Animals	30,902	0	0	...			30,902	0	0	(a) 855 24,005	0 0	0 0	751	0	0	...			80·55	...			...			...	6,012	0	0	19·45
10	Tax on Carts and other Vehicles without springs	46,068	0	0	...			46,068	0	0	(a) 1,181 44,516	0 0	0 0	1,168	0	0	...			99·85	8	0	0	...			·02	60	0	0	0·13
11	Tolls on Vehicles and Animals entering Municipal limits	69,146	11	2	...			69,146	11	2	67,028	6	2	...			...			94·06	...			...			...	4,108	5	0	5·94
12	Payment for occupation of Municipal Land	6,711	6	6	...			6,711	6	6	3,933	10	6	.			...			58·61	...			...			...	2,777	12	0	41·39
13	Rent of Lands and Buildings	47,087	4	5	...			47,087	4	5	40,713	10	4	...			...			86·46	2,192	4	9	...			4·66	4,181	5	4	8·88
14	Tax on timber	1,82,903	10	6	32,687	8	0	1,50,216	2	6	1,47,441	0	6	...			...			98·15	...			...			...	2,775	2	0	1·85
15	Dhobikhana Chetpet)	1,413	0	0	...			1,413	0	0	1,173	0	0	...			...			83·01	...			...			..	240	0	0	16·99
16	Moore Market	42,078	4	2	...			42,780	4	2	40,956	7	2	...			...			[illegible]	..			...				1,823	13	0	·41
17	Licenses, Registration	1,61,060	7	4	...			1,61,060	7	4	(a) 580 1,40,991	0 2	0 4	143	0	0	...			87·90	...			10	8	0	·01	19,478	13	0	12·09
18	Cart stands	1,440	0	0	...			1,440	0	0	1,440	0	0	..			...			100	...			...			...	...			...
19	Private Markets	7,200	0	0	...			7,200	0	0	7,150	0	0	...			...			99·3	...			...			...	50	0	0	·7
20	Slaughter Houses	80,426	5	6	...			80,426	5	6	79,426	5	6	...			...			98·76	...			...			...	1,000	0	0	1·24
21	Smith field Market	2,500	0	0	...			2,500	0	0	2,500	0	0	...			...			100	...			...			...	...			...
22	Elephant Gate cart-stand *	8,202	3	11	...			8,202	3	11	6,582	3	11	...			...			80·25	...			...			...	1,620	0	0	19·75
23	Model cattle yards	415	8	0	...			415	8	0	384	0	0	...			...			92·53	...			...			...	31	8	0	7·47
24	Private scavenging	19,328	2	1	...			19,328	2	1	18,534	11	2	18	5	2	...			95·89	...			...			..	793	6	11	4·11
25	Sale of rubbish	20,555	10	0	...			20,555	10	0	17,588	15	4	...			...			85·57	...			...			..	2,966	10	8	14·43
26	Dhobikhana (Robinson Park)	335	8	0	...			335	8	0	335	8	0	...			...			100	...			...			...	...			...
27	People's Park	2,370	8	7	...			2,370	8	7	2,158	0	7	...			...			91·02	...			...			...	212	8	0	8·98
28	Robinson Park	895	13	7	...			895	13	7	873	13	2	...			...			97·54	...			...			...	22	0	5	2·46
29	Menagerie	13,083	10	9	...			13,083	10	9	13,083	10	9	153	12	0	...			100	...			...			...	...			...
30	Payment for water for non-domestic purposes.	5,84,461	5	0	...			5,84,461	5	0	(a) 368 5,43,913	12 14	0 6	437	3	4	...			93·06	...			...			...	40,178	10	6	6·87
	Total ..	50,85,483	10	10	37,810	5	0	50,47,673	5	10	46,01,080	9	6	16,941	8	4	14,451	6	6	.	33,552	4	1	1,753	10	0	...	4,11,336	14	8	

(a) Pro payment for the year, made in last year.

* Penal interest due from the contractor for 1921-22 has not yet been paid and the matter is under correspondence.

58

STATEMENT III-B.—*Demand, Collection and Balance Statement of Taxes, &c., for the year* 1922-23 (Arrear).

	Description of Taxes, &c.	Arrears of previous years. Rs. A. P.	Balance of last year. Rs. A. P.	Subsequent amendments and additions during the year. Rs. A. P.	Total arrear Demand Columns 2, 3 & 3 (a). Rs. A. P.	Remission on objection. Rs. A. P.	Net Demand (Column 4 *minus* Column 5). Rs. A. P.	Collection. Rs. A. P.	Percentage of collection to net Demand.	Remission: For Vacancy, &c. Rs. A. P.	Remission: Written off. Rs. A. P.	Percentage of total of columns 8 & 9 to Net Demand.	Balance (column 6 *minus* columns 7, 8 and 9). Rs. A. P.	Percentage of Balance to Net Demand	Years to which the Balance relates.
	1	2	3	3 (a)	4	5	6	7	7 (a)	8	9	9 (a)	10	10 (a)	11
1	Tax on Arts etc. ...	12,788 15 1	45,244 2 0	19,596 8 0	77,629 9 1	2,912 14 0	74,716 11 1	54,565 12 0	73·05	...	4493 3 1	6·00	15,657 12 0	20·95	
2	Tax on Buildings & Lands.	20,903 5 9	1,43,049 2 8	8,777 9 8	172730 2 1	...	172730 2 1	134272 0 1		7,140 3 9	...		26,317 14 3		1915-16 to 1921-22
3	Tax on Lands ...	3,476 12 4	5,289 4 9	103 12 0	8,869 13 1	...	8,869 13 1	3,778 10 9		10 14 2	...		5,080 4 2		
4	Water and Drainage Tax on Buildings and Lands ...	13,587 2 9	92,982 0 6	5,705 7 5	112274 14 8	...	112274 10 8	90,526 13 8	*	4,641 2 11	...		17,106 10 1		
5	Water and Drainage Tax on Lands ...	2,259 14 8	3,438 0 7	−67 6 11	5,565 6 2	...	5,765 6 2	2,460 1 11	81·99	7 2 3	...	3·95	3,302 2 0	14·06	
6	Lighting Tax on Buildings and Lands ...	4,180 10 9	28,609 13 4	1,755 8 4	34,546 0 5	...	34,546 0 5	27,854 6 5		1,428 0 9	...		5,263 9 3		
7	Lighting Tax on Lands ...	695 5 8	1,057 13 9	20 12 0	1,773 15 5	...	1,773 15 6	755 11 9		2 2 10	...		1,016 0 10		
8	Tax on Vehicles with springs ...	12,929 4 0	22,259 8 0	6,454 0 0	41,642 12 0	3,178 0 0	38,464 12 0	12,926 12 0	33·63	...	313 8 0	0·82	25,22[illegible] 8 0	65·55	do
9	Tax on Animals ...	4,783 14 3	6,088 8 0	600 0 5	11,472 6 8	1,093 4 0	10,379 2 8	2,619 4 5	25·23	...	301 12 0	2·91	7,458 2 3	71·80	
10	Tax on Carts and other Vehicles without springs	43 0 0	65 0 0	521 10 7	632 10 7	...	632 10 7	618 1 6	97·63	...	...	...	14 9 1	2·37	
11	Payment for occupation of Municipal Lands ...	703 12 0	1,969 6 0	16 10 0	2,689 12 0	...	2,689 12 0	738 4 0	27·29	...	...	...	1,950 8 0	72·71	1918-19 to 1921-22
12	Rent of Lands and Buildings ...	279 10 6	3,654 11 8	68 2 0	4,002 8 2	...	4,002 8 2	3,495 12 1	87·33	...	...	...	506 12 1	12·67	1921-22.
13	Moore Market ...	...	726 11 0	1,170 8 11	1,897 3 11	...	1,897 3 11	637 9 2	33·66	...	18 5 0	·94	1,211 5 9	65·4	
14	Tax on Timber ...	...	3,573 6 0	...	3,573 6 0	...	3,573 6 0	3,573 6 0	100	...	...	...	...	...	
15	Dholikana (Chetput) ...	...	23 8 0	...	23 8 0	...	23 8 0	23 8 0	100	...	...	...	...	...	
16	Licenses Registration ...	1,037 0 0	18,945 4 0	991 8 0	20,973 12 0	...	20,973 12 0	14,123 4 0	67·34	...	675 8 0	3·22	6,175 0 0	29·41	
17	Cart Stands ...	...	180 0 0	...	180 0 0	180 0 0	...	...	...	...	...	...	...	...	
18	Grass Farm ...	1 184 13 6	...	−189 3 6	995 10 0	...	995 10 0	155 2 8	15·58	...	...	...	840 7 4	84·42	
19	Tolls on vehicles and animals entering municipal limits.	...	11,613 7 4	...	11,613 7 4	...	11,613 7 4	11,613 7 4	100	..	...	...	...	...	
20	Payment for water for non-domestic purposes...	1,925 0 0	36,398 10 0	1,252 7 0	39,576 1 0	...	39,576 1 0	37,268 9 0	94·18	...	...	...	2,307 8 0	5·82	
21	Model cattle yards ...	...	67 0 0	...	67 0 0	...	67 0 0	67 0 0	100	...	...	...	...	...	
22	Private Scavenging ...	743 10 8	3,209 6 2	−709 6 3	3,243 10 2	...	3,243 10 2	2,289 4 8	70·56	...	...	...	954 5 6	29·44	
23	Sale of Rubbish ...	...	112 12 0	39 10 5	152 6 5	...	152 6 5	152 6 5	100	...	...	...	...	...	
24	Elephant Gate Cart Stand.	1,447 8 6†	...	...	1,447 8 6	...	1,447 8 6	...	...	...	...	...	1,447 8 6	...	
25	Malaria ...	4 286 11 2	...	...	4,286 11 2	..	4,286 11 2	806 11 2	18·82	...	...	...	3,480 0 0	81·18	
26	Smithfield Market ...	3 3 3	...	...	3 3 3	...	3 3 3	3 3 3	100	...	...	...	...	...	
27	Income from Slaughter Houses ...	8,064 0 6	...	...	8,064 0 6	..	8,064 0 6	...	...	...	...	...	8,064 0 6	...	
28	Peoples Park ...	...	260 0 0	...	260 0 0	...	260 0 0	260 0 0	100	...	...	...	...	...	
	Total ...	95,323 10 11	428820 7 9	46,242 15 11	570387 3 7	7,364 2 0	563023 0 7	410582 [illegible] 3	...	13,229 10 8	5802 4 1	...	133408 15 7	...	

59

Statement III C.—Compares the receipts from the levy of tax on timber and shows the rise and fall in Imports generally.

Period of operation.	Articles imported.	By Sea collected by the Madras Port Trust since 1st April 1910 Rs. A. P.	By Madras and S M. Railway. Rs. A. P.	By S. I Railway. Rs. A. P.	By Buckingham Canal North. Rs. A. P.	By Buckingham Canal South. Rs. A. P.	By Toll-gates collected by the Toll-farmer. Rs. A. P.	Total of Columns 3 to 8. Rs. A. P.	Sums with the collecting agencies at the end of the previous year. Rs. A. P.	Total of Columns 9 and 10. Rs. A. P.	Sums with the collecting agencies at the end of the year. Rs. A. P.	Refunds in the year. Rs. A. P.	Net (Columns 11 minus columns 12 and 13. Rs. A. P.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1919—20	Timber ...	1,25,350 0 0	22,297 8 0	1,924 5 3	12 8 0	...	117 8 0	1,49,701 13 3	2,001 4 0	1,50,931 13 3	1,922 14 0	20,051 4 0	1,28,957 11 3
	Inferior Red wood ...	...	260 12 0	...	...	...	32 0 0	292 12 0	71 8 0	336 8 0	50 9 3	...	275 15 9
	Junglewood Posts, etc.	...	4,601 4 0	142 8 0	14 10 0	307 8	1,277 0 0	6,342 4 0	300 6 0	6,708 8 0	110 8 0	...	6,598 0 0
	Firewood ...	...	5,690 3 6	630 13 9	11 960 2 6	5,540 12 0	2,515 11 6	26,337 12 3	735 14 8	23,116 1 9	...	112 12 6	28,003 5 3
	Total ...	1,25,350 0 0	35,189 11 6	2,697 11 0	11,987 4 6	5,848 4 0	3,942 3 6	1,82,675 3 6	3,109 0 8	1,86,082 15 0	2,083 15 3	20,164 0 6	1,63,834 15 3
1920—21	Timber ...	1,05,058 12 0	15,787 8 0	1,366 4 0	...	...	148 12 0	2,12,361 4 0	1,922 14 0	2,14,284 2 0	1,505 0 0	46666 12 0	1,66,112 6 0
	Inferior Red wood ..	...	302 0 0	9 8 0	...	...	44 0 0	255 8 0	50 9 3	406 1 3	60 8 0	...	345 9 3
	Junglewood Posts, etc.	...	9,083 12 0	340 8 0	36 11 0	287 2 0	1,747 10 3	11,495 11 3	110 8 0	11,606 3 3	420 2 0	...	11,186 1 3
	Total ...	1,05,058 12 0	25,173 4 0	1,716 4 0	36 11 0	287 2 0	1,940 6 3	2,24,212 7 3	2,083 15 3	2,25,296 6 6	1,985 10 0	46,666 12 0	1,77,644 0 6
1921—22	Timber ...	1,65,145 0 0	22,040 0 0	1,241 4 0	...	...	123 12 0	1,88,550 0 0	1,505 0 0	1,90,055 0 0	2,558 12 0	38,128 6 0	1,49,367 14 0
	Inferior Red wood ..	...	701 8 0	10 0 0	...	...	13 0 0	727 8 0	60 8 0	788 0 0	15 8 0	...	772 8 0
	Junglewood Posts, etc.	0 12 0	4,652 2 0	791 10 0	7 8 0	274 15 0	1,795 13 1	7,522 7 1	420 2 0	7,942 9 1	999 2 0	...	6,943 7 1
	Total ...	1,65,145 12 0	27,396 10 0	2,042 14 0	7 8 0	274 15 0	1,932 9 1	1,96,799 15 1	1,985 10 0	1,98,785 9 1	3,573 6 0	38,128 6 0	1,57,083 13 1
1922—23	Timber ...	1,55,395 0 0	18,127 8 0	1,032 8 0	...	...	318 12 0	1,74,903 12 0	2,558 12 0	1,77,462 8 0	2,228 12 0	32,687 8 0	1,42,546 4 0
	Inferior Red wood ...	...	735 8 0	5 8 0	...	...	6 0 0	747 0 0	15 8 0	762 8 0	81 0 0	..	681 8 0
	Casuarina Posts, etc ...	...	5,328 12 0	34 12 3	19 8 0	131 10 0	1,429 4 3	7,252 14 6	999 2 0	8,252 0 6	465 6 0	..	7,786 10 6
	Total ...	1,55,395 0 0	24,191 12 0	1,411 12 3	19 8 0	131 10 0	1,754 0 3	1,82,903 10 6	3,573 6 0	1,86,477 0 6	2,775 2 0	32,687 8 0	1,51,014 6 6

APPENDIX I. Table No. 1.

Statement showing the current demand, collection, remission and balance under the combined property taxes, as compared with the corresponding figures for the years 1920–21 and 1921–22.

Year.	Gross Demand. Rs.	A.	P.	Remitted on appeal Rs.	A.	P.	Net Demand. Rs.	A.	P.	Collection. Rs.	A.	P.	Remission and written off. Rs.	A.	P.	Balance. Rs.	A.	P.	Percentage of collection to net demand
1920-1921 ...	24 54,977	7	1	...	...	...	24,54,977	7	1	22,70,667	0	6	10,347	5	6	1,73,963	1	1	92 91
1921-1922 ...	27,11,896	0	6	2,729	0	8	27,09,166	15	10	24,19,879	5	10	15,361	6	5	2,74,426	3	7	90.17
1922-1923 ...	29,84,037	1	4	4,473	7	0	29,79,563	10	4	27,62,990	13	7	31,351	15	4	2,45,220	13	5	92·28

Table No. 2.

Statement showing the demand, collection, remission and balance under the combined arrear property taxes on buildings and lands as compared with the corresponding figures for the years 1920–21 and 1921–22,

Year.	Outstanding balance at the beginning of the year. Rs.	A.	P.	Subsequent amendments and additions. Rs.	A.	P	Total demand. Rs.	A.	P.	Collection. Rs.	A.	P.	Remission and written off Rs.	A.	P.	Balance. Rs.	A.	P.	Percentage of collection to net demand.
1920-1921 ...	1,14,020	14	7	11,528	14	1	1,25,549	12	8	1,03,362	14	8	1,219	3	11	20,967	10	1	82·33
1921-1922 .	1,94,930	11	2	14,300	6	9	2,09,231	1	11	1,62,434	3	0	2,693	11	0	44,103	3	11	79·22
1922-1923 ...	3,18,529	7	6	16,430	8	4	3,35,759	15	10	2,64,643	12	7	13,229	10	8	58,096	8	7	83·21

Table No. 3.

Statement showing the number of vehicles and animals assessed for the year 1922–23 as compared with that of 1921–22.

Description of Vehicles and Animals.	Number assessed in 1921–22.	Number assessed in 1922–23.	Percentage of increase or decrease.	Number of license issued in 1922–23.
I (a) Motor or steam vehicle with metal tyres constructed to carry two tons or more.	2	2		....
(b) Trailer attached to the above ...	1	...		...
II (a) Motor or steam vehicle with rubber tyres constructed to carry 2 tons or more.	25	29		...
(b) Trailer attached to the above ...	3	2		...
III (a) Motor or steam vehicle with pneumatic tyres constructed to carry two or more.	....	2		...
(b) Trailer attached to the above. ...	...	...		...
IV Motor or steam vehicle constructed to carry one ton or less than two tons ...	52	61		...

60 5729

Description of Vehicles and Animals.	Number assessed in 1921–22.	Number assessed in 1922–23.	Percentage of increase or decrease.	Number of license issued in 1922–23
V Tram car, ...	...	152		...
VI (a) Motor-bus or charabanc constructed to carry 15 or more persons ...	...	11		2
(b) Motor-bus or charabanc constructed to carry less than 15 persons but more than 7 persons	253	216		...
(c) Four wheeled motor vehicle constructed to carry not more than 7 persons but more than 3 persons and plying for hire.	....	155		....
VII Four-wheeled motor vehicle constructed to carry not more than 7 persons but more than 3 persons and not plying for hire.	2,152	2355	+9·44	165
VIII Four-wheeled Motor Vehicle constructed to carry 3 or less persons.	205	233	+13·66	36
IX Motor tricycle and motor bicycle with or without side-car. ...	811	889	+9,62	207
X Four-wheeled vehicle constructed to be drawn by one or more animals ...	1,887	1756	—6·94	6
XI Two wheeled Vehicle constructed to be drawn by one or more animals	2,664	2789	+4·69	13
XII Ordinary bicycle or tricycle	4,281	4196	—1·98	962
XIII (a) Perambulator	57	56	—1·75	...
(b) Jinrickshaw	3,339	3679	+10·18	4
(c) Hand cart with springs	114	101	—11·40	59
XIV Elephant	3	3		...
XV Camel	...	...		...
XVI Horse or mule not under 12 hands	3,490	3445	—1·29	9
XVII Horse or mule under 12 hands ...	370	407	+10·00	2
XVIII (a) Bullock or bull	7,402	7058	—4·65	18
(b) Male buffalo	68	61	—10·29	....
(c) Ass	2	3	+50·00	...
XIX Dog	3,695	3436	—7·00	....

Figures in Columns 2 and 3 show the total number of assessments made in both the half years of 1921-22 and 1922-23 respectively.

Table No. 4.

Statement showing the constitution of the Corporation of Madras on 31st March 1923

1	2	3	4	5	6								7
					Number of Members of Constitution.								
					(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	
Name of District	Serial No. of Municipality.	Name of Municipality.	Act under which constituted.	Population within the Municipal limits.	Ex-officio.	Nominated.	Elected.	Total.	Official.	Non-Officials.	Europeans & Anglo-Indians.	Indians.	Remarks.
Madras.	1	Corporation of Madras	The Madras City Municipal Act IV of 1919.	526,011	Nil	19	30	49	1	48	8	41	

Statement of Loans for 1922-1923

Amount of loan and rate of interest.		For what purpose and terms on which obtained and the year in which taken.	Date of Government Sanction.	Amount paid. Up to 31st March 1922. Number of years.	Amount paid. Up to 31st March 1922. Amount.	Amount paid. In 1922-1923.	Amount transferred to Sinking Fund. Up to 31st March 1922. Number of years.	Amount transferred to Sinking Fund. Up to 31st March 1922. Amount.	Amount transferred to Sinking Fund. In 1922-1923.	Invested. In Government Securities, etc.	Invested. In Savings Bank.
1		2	3	4	5	6	7	8	9	10	11
								Rs.	Rs.	Rs.	
14,30,000	4 p. c.	Waterworks Project.—Repayable in 50 years by a Sinking Fund at 2 per cent. per annum. Taken in 1869-74.	No. 2327 dated 17th July 1869, P. W. D., and No. 1279, dated 11th September 1873, P. W. D.	...	...	...	...	15,79,600	83,800	16,63,400	
1,00,000	6 p. c.	Construction of Drains and Sewers for the Drainage of Georgetown—Repayable in 50 years by a Sinking Fund of Rs. 820 per annum. Taken in 1887.	No. 765 M., dated 11th August 1887. L. & M.	...	...	...	35	53,100	2,700	55,800	
15,00,000	5 p. c.	Do. do. do. Rs. 1,200 do. do. 1888	No. 852 M., dated 4th August 1888. L. & M.	...	...	...	34	74,300	3,800	78,100	
1,50,000	5 p. c.	Do. do. do. Rs. 1,200 do. do 1889	No. 1193 M., dated 18th September 1889. L. & M.	...	...	...	33	72,700	3,900	76,600	
20,000	5 p. c.	Extension of Water-supply.—Repayable in 50 years by a Sinking Fund of Rs. 170 per annum. Taken in 1889.	No. 1427 M., dated 25th October 1889 L. & M	...	...	...	33	9,700	500	10,200	
50,000	5 p. c.	Construction of Drains and Sewers for the Drainage of Georgetown—Repayable in 50 years by a Sinking Fund of Rs. 400 per annum Taken in 1890.	No. 1562 M., dated 18th October 1890.	...	...	...	32	22,700	1,300	24,000	
4,00,000	4 p. c.	Extension of Water-supply.—Repayable in 50 years by a Sinking Fund of Rs. 3,050 per annum Taken in 1895.	No. 16 M., dated 8th January 1895.	...	...	...	27	1,44,200	8,000	1,52,200	
1,00,000	4 p. c.	Construction of market.—Repayable in 50 years by a Sinking Fund of Rs. 700 per annum. Taken in 1897.	No. 883 M., Mis., dated 13th April 1897.	...	...	...	26	33,600	1,800	35,400	
2,00,000	4 p. c.	To repay the Government Loan of 1899.—Repayable in 50 years by a sinking Fund of Rs. 1,520 per annum. Taken in 1899	No. 2215 M., Mis., dated 21st December 1898.	...	...	..	23	56,900	3,600	60,500	
50,000	4 p. c.	For cleaning water-pipes do Rs. 380 do. do.	No. 1630 M., Mis., dated 19th September 1898.	...	...	...	21	13,000	900	14,800	
4,20,000	4 p. c.	For drainage works do „ 3,120 do do.	No. 389 M., dated 17th March 1899, L. & M.	...	...	...	23	1,16,800	7,500	1,24,300	
1,50,000	4 p. c.	Construction of market do. „ 1,140 do do.	No. 520 M. Mis., dated 24th April 1899, L. & M.	...	...	...	22	41,800	2,600	44,400	
7,80,000	4 p. c.	For drainage works do. „ 5,930 do. Taken in 1900	No. 589, M., dated 17th March 1899, L. & M.	...	...	...	22	2,01,000	13,400	2,18,000	
1,50,000	4 p. c.	For cleaning water-pipes do. „ 1,140 do. do.	No. 1530 M., Mis., dated 10th October 1899 and No 758, M., dated 2nd June 1900, L. & M.	...	...	..	22	38,900	2,500	41,400	
1,00,000	4 p. c.	To meet plague charges „ 760 do. do.	No. 757 M Mis., dated 1st June 1900 L. & M.	...	...	...	22	26,000	1,800	27,800	
1,20,000	4 p. c.	For substitution of cast-iron pipes for a portion of Sewer No. II Repayable in 50 years by a Sinking Fund of Rs. 910 per annum Taken in 1901-02	No. 1089 M., Mis., dated 30th July 1901, L. & M.	...	...	...	21	27,700	2,000	29,700	
2,00,000	4 p. c.	For drainage works do. 1,520 do. 1902	No. 150 M., Mis., dated 10th February 1902 L. & M.	...	...	...	20	45,600	3,100	48,700	
5,00,000	4 p.c.	For drainage works—for a portion of Sewer No. II. Repayable in 50 years by a Sinking Fund of Rs. 3,890 per annum. Taken in 1903.	No. 35 M. Mis., dated 21st January 1903 and No. 869 M. Mis., dated 25th June 1903.	...	...	...	10	1,07,200	7,900	1,15,100	...
† 7,00,000	4 p.c.	Do. Repayable in 30 years by sixty equal half-yearly instalments of Rs. 20,137 each. Taken in 1905.	No 2446 M., dated 30th November 1905.	16	2,71,447-12-6	23,364-7-0	...	...	...	...	...
1,00,000	4 p.c.	For special buildings. Repayable in 30 years by a Sinking Fund of Rs 2,100 per annum. Taken in 1906-07.	No. 31 M., dated 10th January 1907.	...	...	...	15	41,100	3,800	47,900	...
† 4,00,000	4 p.c.	For improvement of water supply and drainage works. Repayable in 30 years by sixty equal half-yearly instalments of Rs. 11,507 each. Taken in 1908-09.	No. 1983 M., dated 10th November 1908	13	1,18,184-14-4	11,864-13-11	...	...	...	...	...
† 4,00,000	4 p.c.	Do. do Taken in 1909-10.	No. 1650 M., dated 16th September 1909.	12	1,06,780-11-11	11,404-3-8	...	...	...	...	...
4,25,000	4 p.c.	For special buildings. Repayable in 30 years by a Sinking Fund of Rs. 8,920 per annum. Taken in 1909-10.	No. 1289, M. dated 12th August 1909	...	...	...	13	1,41,400	14,200	1,56,600	...
1,00,000	4 p.c.	For Napier Bridge. Repayable in 30 years by a Sinking Fund of Rs. 2,100 per annum Taken in 1909-10.	Do. do.	...	...	...	13	33,500	3,200	36,700	...
50,000	4 p.c.	For Napier Bridge. Repayable in 30 years by a Sinking Fund of Rs. 1,040 per annum.	Do. do.	...	...	...	11	14,500	1,600	16,100	...
3,00,000	4 p.c.	For Special buildings. do. do. Rs. 6,300 per annum.	No 2209 M., dated 14th December 1911.	...	...	...	10	78,900	9,100	88,000	...
† 1,00,000	4 p.c.	For Improvement of water-supply and drainage. Repayable in 30 years by sixty equal half-yearly instalments of Rs. 2,376 each.	No. 2101 M., dated 29th November 1911.	10	21,308-12-10	2,632-6-8	...	...	...	...	...
3,42,000	4 p.c.	For special buildings. Repayable in 30 years by a Sinking Fund of Rs. 7180 per annum.	No. 1891 M., dated 15th August 1913	...	...	...	8	69,200	9,700	78,900	...
2,00,000	4 p.c.	Do. do. Rs. 4,160 per annum.	No. 422 M., dated 2nd March 1914.	...	...	...	8	38,700	5,600	44,300	...
50,000	4 p.c.	For Electric Lights do. Rs. 1,040 per annum.	Do. do.	...	...	...	8	9,600	1,500	11,100	...
1,30,000	4 p.c.	Do. do. Rs. 2,700 per annum.	No. 2588 M., dated 26th December 1914.	...	...	...	7	22,400	3,400	25,800	...
* 1,70,000	4 p.c	For special buildings do. Rs. 3,540 per annum.	Do. do.	...	...	...	7	29,500	4,500	34,000	...
13,00,000	5 p.c.	For improvement of water-supply and drainage. Repayable in 30 years by a Sinking Fund of Rs. 27,040 per annum.	No. 508 M., dated 25th August 1916	...	...	...	6	1,64,500	33,100	1,97,600	...
1,00,000	5 p.c.	For Extension of Electric lighting. Do. Rs. 2,080.	Do.	...	...	...	6	12,600	2,500	15,100	...
† 4,00,000	6 p.c.	For improvement of water-supply and drainage. Repayable in 20 equal half-yearly instalments of Rs. 26,886 each.	No. 1107 M., dated 13th July 1917.	4	1,32,554-8-2	38,291-2-5	...	...	...	...	...
† 9,00,000	6 p.c	For improvement of drainage. Repayable in 20 equal half-yearly instalments of Rs. 60,493 each.	No 1421 M., dated 6th September 1918.	3	2,16,652-14-8	81,186-15-9	...	...	...	...	...
* 5,00,000	6½ p.c	For improvement of water-supply and drainage Repayable in ten years by 20 equal half-yearly instalments of Rs. 34,389 each.	No. 607 L. & M. Mis., dated 30th March 1921.	1	36,867-8-3	39,302-13-6	...	...	...	...	...
* 10,00,000	6½ p.c	Do. of Rs. 68,778 each.	No. 2207 L. & M. dated 9th November 1921.	...	...	73,735-0-7	...	...	...	...	...
* 1,00,000	6½ p.c.	For School buildings Do. of Rs. 6,878 each.	Do. Do. Do.	...	...	7373-14-6	...	...	...	...	...
3,05,000	7 p.c.	For extension of electric lighting Repayable in 30 years by a Sinking Fund of Rs 4,591 per annum.	No. 1611 L. & M. dated 12th August 1921.	...	...	...	1	1,100	4,600	5,700	...
6,95,000	7 p.c.	Do. do. Rs. 10,120	No. 290 L.&M. dated 13th February 1922.	...	...	...	...	...	8,800	8,800	...
64,000	7 p.c.	For Special buildings Repayable in 30 years by a Sinking Fund of Rs 962 per annum.	No. 290 L. & M. dated 13th February 1922.	...	...	...	...	...	200	200	...
5,00,000	7 p.c.	For Electric lights do Rs. 7526	No. 327 L &M. Mis dated 5th Feb 1923	...	...	...	...	...	...	...	...
3,00,000	6½ p.c	For improvement of water supply and drainage Repayable in 10 years by 20 half yearly equal instalments of Rs. 20,634 each.	No. 613 L &M. Mis dated 10th March 1923	...	...	...	...	...	...	...	...
1,47,01,000				...	9,06,797-2-8	2,89,155-12-7	...	33,29,300	2,56,900	35,86,200	...

* Represents the value of securities purchased for the annual allotment shown in Statement II *plus* interest realized on previous investments on open market loans.

† Loans from Government.

61

Dr. *General Fund*—[Vide *G. O. No.* 244, *dated* 13*th February* 1882.] Cr.

	Rs.	A.	P.		Rs.	A.	P.
To Grant I.—Public Works ...	9,34,470	4	3	By Opening Balance ...	7,73,110	1	5
" " II.—Education ...	1,76,150	0	0	" Municipal Rates and Taxes ..	26,92,785	0	8
" " III.—Sanitation and Medical Services ...	10,34,581	14	7	" Revenue derived from Municipal property and powers apart from Taxation ...	6,66,808	15	11
" " IV.—Miscellaneous Municipal purposes ...	2,34,106	7	1	" Grants and Contributions ...	48,430	14	4
" " V.—Supervision and Management ...	1,11,872	5	7	" Miscellaneous ...	35,859	13	10
" Repayment of Debt ...	47,123	14	6	" Extraordinary and Debt ...	96,986	0	0
" Interest on Loan ...	96,294	1	6	" Advances Recovered ...	57,408	13	11
Advances recoverable ...	56,420	4	0	Transferred from Lighting Fund Account ...	...	...	...
" Refund of other than Current Collections ...	93,571	14	1	Do. Revenue Account ...	...	...	...
" Discount on Loan ...	...	...	...				
" Pensions and Gratuities ...	28,555	14	10				
" Transfer to Water and Drainage Fund ...	1,81,145	5	8				
" Transfer to Lighting Fund Loan a/c	...	...	...				
" Closing Balance Revenue Account ...	6,71,624	4	8				
Do. Loan Account ...	5,66,542	15	4				
Total ...	42,32,479	10	1	Total ...	42,32,479	10	1

Dr. *Water and Drainage Fund*—[Vide *G. O. No.* 244, *dated* 18*th February* 1882.] Cr.

	Rs.	A.	P.		Rs.	A.	P.
To Grant I.—Public Works—							
New Works—							
Buildings ...	...	...	...	By Opening Balance ...	16,24,691	0	8
Drainage ...	6,87,881	8	9	" Municipal Rates and Taxes—			
Water-supply ...	6,63,984	15	4	Water Tax on Buildings and Lands ...	10,86,508	15	10
Repairs—				Water Tax on Lands ...	11,954	11	7
Buildings ...	...	...	...	By Revenue derived from Municipal Property and powers apart from taxation ...	54,226	14	0
Drainage—Repairs to Works, etc. ...	3,75,536	1	0				
Establishment ...	61,227	15	8	By Grants and Contributions— From Government—			
Water-supply—Repairs to Works, etc. ...	2,86,876	12	9	Improvement of Water-supply and Drainage ...	3,00,000	0	0
Establishment ...	39,030	1	0				
Establishment—General ...	1,02,141	14	6	Sanitary Works ...	...	...	...
To Grant IV.—Mis. Municipal purposes—				By Miscellaneous—			
				Payment for Water for non-domestic purposes ..	5,80,869	10	10
Other Charges—				Sundry Receipts—Waterworks ...	27,171	0	0
Stores ...	5,690	15	1	Workshop Receipts ...	9,954	3	0
Workshops ...	21,260	12	9	Other items ...	2,17,425	7	3
To Grant V.—Supervision and Management ...	1,59,253	12	0	" Extraordinary and Debt— Loan ...	5,00,000	0	0
" Repayment of Debt—				Interest on Sinking Fund— Waterworks Loan of 1869-78 ...	...	...	...
Sinking Fund ...	3,61,131	14	1	" Advances Recovered ...	14,933	6	2
Interest ..	4,47,636	5	1	" Transferred from General Fund Revenue Account ...	1,81,145	5	8
Advances recoverable ...	2,53,780	15	4				
Refund of other than Current Collections ...	...	...	...				
Transferred to General Fund Revenue Account ...	...	...	...				
Closing Balance Loan Account ...	8,93,446	11	8				
Total ...	43,58,880	11	0	Total ...	43,58,880	11	0

62

Dr. *Lighting Fund*—[*Vide G.O.* No. 244, *dated* 18*th February* 1882.] Cr.

	Rs.	A.	P.		Rs.	A.	P.
To Grant I— Establishment—General ...	3,058	15	7	By Opening Balance—	1,82,684	6	8
" Grant IV— Lighting—Establishment, &c. ...	5,46,758	10	1	" Municipal Rates and Taxes—			
				Lighting Tax on Buildings and Lands— ...	3,18,925	13	7
				Lighting Tax on Lands ...	3678	6	2
Other charges— Stores ...	793	14	5	Miscellaneous—	1358	14	5
Workshops ...	28,41[illegible]	8	1	Refund from expenditure of previous years ...	...	...	...
" Grant V— Supervision and Management ...	23,206	10	4	Workshop Receipts ...	1106	0	4
Repayment of Debt— Sinking Fund ...	19,297	...	...	Extraordinary and debt ...	8,39,400	...	...
Interest ...	55,533	2	0	Transferred from General Fund ...	...	...	...
" Refund of other than Current Collections ...	...	...	...				
" Transfer General Fund ...	...	...	...				
" Closing Balance (Revenue account) ...	1,66,720	5	7				
Do. (Capital do) ...	5,28,943	7	1				
Total ...	13,47,153	9	2	Total ...	13,47,153	9	2

Revenue and Capital Accounts for 1922–23 *as compared with the Revised Estimate for* 1922–23.

	Revenue Account.		Capital Account.		Total.	
	Actuals 1922—23.	Revised Estimate. 1922—23	Actuals 1922—23.	Revised Estimate 1922—23.	Actuals 1922—23.	Revised Estimate. 1922—23.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Receipts—						
Opening Balance	3,41,837	3,41,840	22,38,649	21,59,550	25,80,486	25,01,390
Municipal Rates and Taxes	40,34,853	40,52,600	...	...	40,34,853	40,52,600
Revenue derived from Municipal property and powers apart from Taxation ...	5,43,299	5,41,210	69,186	54,760	6,12,485	5,95,970
Grants and Contributions	48,431	48,470	3,00,000	5,00,000	3,48,431	6,48,470
Miscellaneous	6,54,961	5,16,050	2,17,425	...	8,72,386	5,16,050
Extraordinary and Debt	32,986	32,980	12,03,400	15,03,400	12,36,386	15,36,380
Advances Recovered	57,409	78,000	14,933	16,120	72,342	94,120
Transferred from Revenue Account ...	...	...	...	...	...	...
Total ...	57,13,776	56,11,150	40,43,593	43,33,830	97,57,369	99,44,980
Charges—						
Grant I—Public Works	17,53,755	19,19,690	14,00,454	18,14,740	31,54,209	37,34,430
II—Education	1,76,150	1,76,150	...	...	1,76,150	1,76,150
III—Sanitation and Medical Services...	10,34,582	10,78,990	...	...	10,34,582	10,78,990
IV—Miscellaneous Municipal Purposes.	4,11,027	4,57,590	4,00,425	7,00,000	8,11,452	11,57,590
V—Supervision and Management ...	2,94,332	2,95,700	...	...	2,94,332	2,95,700
Repayment of Debt	4,27,553	4,27,520	...	...	4,27,55[illegible]	4,27,520
Interest on Loans	5,99,464	6,18,960	...	...	5,99,464	6,18,960
Advances Recoverable	56,420	5,030	2,53,781	2,100	3,10,201	7,130
Refund of other than Current Collections.	93,572	80,000	...	...	93,572	80,000
Pensions and Gratuities	28,576	30,000	...	...	28,576	30,000
Transferred to Revenue Account ...	...	...	...	79,110	...	79110
Closing Balance	8,38,345	5,21,520	19,88,933	17,37,880	28,27,278	22,59,400
Total ...	57,13,776	56,11,150	40,43,593	43,33,830	97,57,369	99,44,980

APPENDIX I

Statement showing the expenditure incurred by the Corporation of Madras during the year 1922-23 from the special grants received from Provincial Funds.

Opening balance.	No. and date of Government Order sanctioning the grant for the year.	Purpose for which grants were made.	Amount of grant received during the year	Expenditure during the year out of the grant shown in col. 4	Balance of grant at the close of the year (col. 4 minus col. 5)	Expenditure during the year out of the balance of grants sanctioned in previous years shown in col. 1	Balance of such grants remaining unutilized at the close of the year (col. 1 minus col. 7).	Closing balance (col. 6 plus col. 8.)	REMARKS.
1	2	3	4	5	6	7	8	9	10
Rs.			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
6,24,691	G. O. Mis. No 558 dated 6-3-23. ...	For improvement of Water supply and Drainage.	3,00,000	3,00,000	..	6,24,691	...	...	
13,784	...	For acquisition of land in Suparigunta, etc. ...	...	...	...	...	...	13,784	
42,267	...	For constructing storm water drains in connection with Anti-Malarial Drainage works ...	...	...	...	3,685	38,582	38,582	

Statement showing the expenditure on works in charge of the Special Engineer for the last fifteen years since his Department was created.

Particulars.	1908-09.	1909-10.	1910-11.	1911-12.	1912-13.	1913-14.	1914-15.	1915-16.	1916-17.	1917-18.	1918-19.	1919-20.	1920-21.	1921-22.	1922-23.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Water-supply :—New Works ...	94,108	2,06,778	3,47,217	4,81,338	6,63,591	17,28,867	6,36,480	4,64,176	8,39,720	71,333	33,236	6,247	2,27,266	1,51,740	6,28,459	65,80,361
Drainage:—New Works ...	67,240	86,216	4,18,032	5,37,049	4,69,810	3,20,136	3,03,622	3,66,175	6,14,650	5,24,440	5,10,515	3,15,601	3,47,443	7,40,295	7,35,590	71,65,314
Drainage Maintenance. (1) Pumping Stations	...	86,324	1,14,889	1,21,774	1,42,912	1,46,546	1,85,870	1,80,974	68,285	...	...	...	...	...	...	10,47,574
Drainage Maintenance. Sewer cleaning.	...	15,303	21,344	14,385	18,270	...	...	...	...	...	...	...	...	...	...	69,302
(2) Water-supply:—Repairs, Kilpauk Pumping Station.	...	...	...	...	...	...	20,312	87,007	35,302	...	...	...	...	...	...	1,43,121
Works executed and the cost charged to Revenue account ...	...	7,030	9,863	8,864	1,378	13,380	6,152	..	39,705	28,364	52,824	61,909	48,768	32,958	1,677	3,18,762
Private work executed.	...	455	1,013	729	1,354	23,298	72,337	3,736	...	...	...	...	...	...	...	1,02,922
Anti-Malaria Works executed ...	...	...	...	...	...	...	...	22,134	8,875	18,589	25,521	34,866	1,694	9,138	2,008	1,22,325
Total ...	1,61,348	4,03,006	9,12,358	11,61,139	12,97,310	22,31,727	12,25,273	14,24,502	16,06,587	6,42,731	6,22,096	4,18,623	11,25,171	9,43,126	13,67,734	[illegible]

1 and 2 handed over to Works Department on 1st August 1916.

63

APPENDIX II.—TABLE No. 2

SPECIAL WORKS DEPARTMENT.

Expenditure under Capital Account.

Particulars.	Total Expenditure up to 31-3-23. Rs.	A.	P.	Expenditure for 1922-23. Rs.	A.	P.
Drainage Section.						
New Drainage Works "Special"	91,67,831	4	7	9,37,609	9	3
Establishment—						
General Branch	3,39,189	11	10	26,243	5	1
Design and Construction	5,06,503	3	0	40,901	11	8
Famine Allowance	5,775	0	4	....	...	...
Conveyance Allowance	24,361	14	1	1,029	5	2
Charge Allowance	2,739	6	2	....	...	...
Sewer No. II	568	1	9	...	...	..
George Town Drainage	889	0	0	...	...	..
Miscellaneous	2,10,661	6	7	3,330	5	0
Total for Drainage Works	1,02,58,519	0	4	10,09,113	4	2
Sales of Stores	30,92,706	9	7	2,73,528	12	7
Net Expenditure	71,65,812	6	9	7,35,589	7	7
Water-works Section.						
New Water-supply Works "Special"	35,19,323	3	1	1,00,142	0	11
Establishment—						
General Branch	1,55,945	0	11	9,130	12	4
Construction	1,76,246	13	11	...	....	....
Famine Allowance	1,096	4	9	...	...	...
Travelling Allowances to Officers	5,708	10	11	424	2	7
Charge Allowance	802	15	9	....	....	...
Miscellaneous	71,507	9	10	3,231	9	9
Distribution Scheme—						
Works—	33,28,739	2	10	5,49,406	11	2
Establishment	92,207	3	2	...	...	....
Famine Allowance	258	7	4	...	....	....
Conveyance Allowance	4,362	6	1	...	...	...
Total for Water-works	73,56,598	0	7	6,62,335	4	9
Sales of Stores	7,76,236	0	6	33,875	11	3
Net Expenditure	65,80,362	0	1	6,28,459	9	6
Summary of Expenditure.						
Drainage Works	1,02,58,519	0	4	10,09,113	4	2
Water-works	73,56,598	0	7	6,62,335	4	9
Total	1,76,15,117	0	11	1,671,448	8	11
Deduct Sales of Stores	38,68,942	10	1	3,07,399	7	10
Net Expenditure	1,37,46,174	6	10	13,64,049	1	1

APPENDIX II—TABLE No. 3

CONSTRUCTION WORKS—DRAINAGE SECTION.

Departmental Sewer Laying. Branch sewers.

Diameter of Pipes.	Total to 31st March 1923. Purasawalkam Area. Lineal feet.	No.	Napier Park Area. Lineal feet.	No.	Royapuram Area. Lineal feet.	No.
24" Sewer C. I.	...	...	...	...	905	...
24" „ S. W.	966	....	...	...	938	...
21" „ C. I.	719	....	651	...	...	....
18" „ C. I.	881	...	...	..	...	....
18" „ S. W.	2,368	...	...	....	932	....
16" „ C. I.	2,386	...	...	...	...	...
15" „ S. W.	953	...	...	...	1,417	...
12" „	4,998	....	...	...	3,558	...
9" „	21,546	...	2,905	...	35,441	...
6" „	24,422	...	4,276	....	46,709	...
Manholes	...	297	....	30	...	556
Lampholes	...	...	...	....	...	....
Flushing shafts	...	...	...	12	...	...
Total	59,239	297	7,832	42	89,950	556
Value of work executed Rs.	4,81,424	...	1,83,118	...	4,60,783	...

APPENDIX II—TABLE No. 4

Construction of Additional filter beds in Kilpauk. The value of Work done at revised estimate rates and actual cost and materials obtained are as follows:

Bill No.	Particulars.	Cost as per revised estimate rate up to 28-2-23.	Actual cost up to 28-2-23.
		Rs.	Rs.
1	Filter beds ...	67,076	66,295
5	Automatic outlet Regulator chamber ...	3,133	3,581
6	Outlet Connection ...	5,009	5,216
7	Scourout drain & Scourout Connection ...	5,907	5,495
8	Filtered water conduit ...	14,121	12,781
9	Filtered water tank ...	33,862	28,586
10	Filtered water inlet chamber ...	4,123	4,169
11	Filtered water outlet Chamber ...	4,813	4,608
12	Connections to 48" steel main ...	4,842	5,491
13	Compound wall ...	8,548	7,322
14	Miscellaneous—Road Making ...	22,243	22,243
	Experimental filters ...	10,452	10,438
	Chlorinating plant ...	10,179	12,049
	Bacteriological laboratory ...	7,269	7,945
	Contingencies ...	2,638	2,889
	Rapid filtration ...	17,983	17,983
	Water Analysis ...	755	755
	Experimental double filter ...	1,166	1,132
	Materials on ground as per overseer's Statement.	16,228	16,228
	Stock at Stores ...	80,710	80,710
	Tools & Plant, Building &c. ...	9,148	9,148
	Brick-making ...	9,576	9,576
	Collection of Sand ...	18,968	18,968
	Overhead Charges ...	2,093	2,093
	Establishment ...	20,155	20,155
	Total ...	3,80,987	3,75,856

65

APPENDIX II—TABLE No. 5

SPECIAL WORKS DEPARTMENT, DRAINAGE SECTION

Statement of Contracts awarded in connection with Special Drainage and Water-Supply.

Contract No.	Description of Works	Amount of Estimate. Rs.	A.	P.	Name of Contractor.	Amount of Contract. Rs.	A.	P.	Value of work executed up to 31st March 1923. Rs.	A.	P.	Amount of Security lodged. Rs.	A.	P.	Date of order to commence. D.	M.	Y.	Date of Completion. D.	M.	Y.	Remarks.
	Construction.				**Drainage Works**																
	(Contract Nos. 1, to 7 completed.)																				
	Materials and Machinery.																				
	(Contract Nos. 3,5,6,12,14,15,17, 18,19,21,22-a,23,24,24-a,26,27, 29,30, 34, and 36, completed).																				
M.M No 31	Pumping Machinery for Purasawakkam Pumping Station ...	90,000	0	0	Campbell GasEngine Company Ltd. ...	1,60,538	0	0	1,56,131	4	0	5,000	0	0	8	2	21				Nearly completed.
32	Pumping Machinery for Napier Park Pumping Station ...	1,87,000	0	0		3,23,045	0	0	3,21,416	3	0	5,000	0	0	31	1	21				Do.
33	Pumping Machinery for Ice House Road Pumping Station ...	1,11,000	0	0																	
35	Cast iron silt catcher Buckets ...	15,000	0	0	The Madras Engineering Works ...	1,27,693	0	0	1,21,941	3	0	5,000	0	0	31	1	21				Do.
						16,235	0	0	13,808	12	0	300	0	0	4	5	0				In progress.
41	Stone-ware pipes	4,15,746	8	0	Thomas Wragg and Sons ...	4,15,746	8	0	3,65,199	7	3	2,000	0	0							Do.
	Piece works—Tondiarpet.																				
	(Contract Nos, 1, to 21 completed.)																				
	Contract P.M.No. 1&3 completed Contract N. P. No, 1 completed. Contract R.M.No. 1&2 completed Contract D.P.M.No. 1 completed.																				
	Materials Contract.																				
	Contract Nos. 1 to 17 completed.																				
18	Supply of Cement ...	38,827	1	4	The South Indian Export Co., Ld. ...	38,827	1	4	38,827	1	4	500	0	0							Completed.
	Excavation Work.																				
	Periamet intercepting sewer ...	23,663	10	3	T. C. Subramania Maistry ...	23,663	10	3	23,663	10	3										In progress.
	Chintadripet Sewer ...	3,568	11	10	R. Narayana Maistry	3,568	11	10	3,568	11	10										Do.
	Extension of Gravitation Main Work ...	8,484	7	7	T. C Subramania Maistry ...	8,484	7	7	8,484	7	7										Do.
	Total ...	8,93,290	7	0		11,17,801	7	0	10,53,040	12	3	17,800	0	0							
	Construction.				**Water Works ...**																
	(Contract Nos. 1,2-a,3-a,4, to 12, completed and 2 & 3 cancelled.)																				
	Materials and Machinery.																				
	(Contract Nos. 1,2,4,7 to 11,13. 16,20,22-a, 28, 40 and 42 completed, 22 not awarded).																				
M.M N. 38	[illegible]erimental chlorinating plant [illegible]	7,800	[illegible]	[illegible]	The Paterson Engineering Co.	7,800	0	0	7,800	0	0	500	0	0							Completed.
39	Cast iron pipes, specials, etc. ...	5,53,532	10	1	The South Indian Export Co. ... The Madras Engineering Works ...	5,53,532	10	1	5,14,817	11	1	6,000	0	0							Nearly completed. Do
	Materials.																				
	(Contract Nos. 1 to 9 and 12 completed and 9and 10 cancelled.)																				
13	Supply of Tarred Yarn ...	2,670	0	0	M. Hateem & Co ...	2,670	0	0	2,670	0	0	500	0	0							Completed.
	Do. Pig lead ...	10,500	0	0	The Oriental Engineering & Electric Co ...	10.500	0	0	9,823	14	0	500	0	0							In progress,
	Total ...	5,74,502	10	1		5,74,502	10	1	5,35,111	9	1	7,500	0	0							
	Grand Total ...	14,67,793	1	1		16,92,304	1	1	15,88,152	5	4	25,300	0	0							

Messrs. Burn & Co's stoneware pipes (Indian)
Abstract statement of breakages and cost per foot.

No	Supply. When made.	Length paid for.	Length accepted as sound.	Percentage of broken pipes to sound pipes	Total cost per wagon load including charges for freight, unloading & carting to Stores.			Total cost per L.ft. on quantity paid for.			Total cost per L.ft. of accepted length.		
			4 inches pipes.										
		L. ft.	L. ft.		Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
1	Between March 1918 and May 1919	45,506	42,500	7·07	21,993	11	9	0	7	8	0	8	3
2	„ February and November 20	12,000	11,492	4·42	6,614	4	9	0	8	10	0	9	2
3	„ April 1921 and March 1923	14,974	14,448	3·64	8,760	3	6	0	9	4	0	9	8
	Total ...	72,480	68,440	5·90	37,368	4	0	0	8	3	0	8	9
			6 inches pipes.										
1	Between March 1918 and May 1919	62,548	55,053⅝	13·61	43,297	2	9	0	11	1	0	12	7
2	„ February and November 1920	16,000	13,272	20·55	12,652	0	8	0	12	8	0	15	3
3	„ April 1921 and March 1923	16,782	14,434	16·27	14,888	2	8	0	14	2	1	0	6
	Total ...	95,330	82,759⅝	15·19	70,837	6	1	0	11	11	0	13	8
			9 inches pipes.										
2	Between February and November 1920	7,880	6,615	19·12	11,975	2	7	1	8	4	1	13	0
3	„ April 1921 and March 1923	9,414	7,828	20·23	16,024	6	4	1	11	3	2	0	9
	Total ...	17,294	14,443	19·74	27,999	8	11	1	9	11	1	15	0
			18 inches pipes.										
2	Between February and November 1920	260	172	51·16	1,550	1	10	5	15	5	9	0	2
		260	172	51·16	1,550	1	10	5	15	5	9	0	2
			4″ × 4″ Oblique junctions										
2	Between February and November 1920	400	No. 364	9·89	1,156	0	10	3	2	10	3	3	0

APPENDIX II—TABLE No. 7

PUMPING MAIN No. 6.

Laying 36-inch Diameter Cast Iron Pipes—Departmental.

	Trench excavated.	Pipes laid.	Manholes.	Air valves.	Washouts.	Expenditure on work done
	L. Ft.	L. Ft.	No.	No.	No.	Rs.
Progress up to 31st March 1923 ...	14,830	14,830	4	1	3	4,87,476

TABLE No. 8

THE WASHERMANPET SWAMP—DRAINAGE.

Departmental, Concrete Channel.

——	Trench excavated.	Concrete laid.	Completed channel.	Expenditure.
	L. Ft.	L. Ft.	L. Ft.	Rs.
Progress up to 31st March 1923 ...	4,574	4,574	4,574	21,220

TABLE No. 9

ICE HOUSE ROAD—DRAINAGE AREA.

Intercepting Sewer.

	30" C. I. Pipe Sewer.	27" C.I. Pipe Sewer.	24" C.I. Pipe Sewer.	Manholes.	Expenditure.
	L. ft.	L. ft.	L. ft.	No.	Rs.
Progress up to 31st March 1923 ...	824	1,078	451	15	58,401

67

APPENDIX II.—TABLE No. 10.

ICE HOUSE ROAD DRAINAGE AREA.

PUMPING MAIN.

Laying 18 inch. Diameter C. I. Pipes.

	Trench excavated	Pipes laid.	Bends.	Valves.	Hatch box.	Branch.	Expenditure on work done.
	L. ft.	L. ft.	No.	No.	No.	No.	Rs.
To 31st March 1923.	560	518	3	1	1	1	18,081

TABLE No. 11.

ICE HOUSE ROAD DRAINAGE AREA.

SEWER LAYING.

Venkatarangam Pillai Street.

	6 inch.	9 inch.	12 inch.	15 inch.	Man holes built.	Lamp holes built.	House connections made	Expenditure on work done.
	L. ft.	L. ft.	L. ft.	L ft.	No.	No.	No.	Rs.
To 31st March 1923.	214	510	400	636	13	1	41	62,406

TABLE No. 12.

URGENTLY REQUIRED DRAINAGE WORKS.

NAPIER PARK AREA.

Chintadripet Section.

Statement showing work done, its estimated value and the actual cost incurred up to 31st March 1923.

Description of work.	Length laid.	Estimated cost.	Actual expenditure.	Remarks.
		Rs.	Rs.	
6 inch S. W. pipe sewers L. ft. ..	4,276	16,556	7,982	
9 ,, do	2,005	27,862	16,980	
24 ,, C. I. pipe sewers	651	34,528	34,265	
Manholes .... No. ...	42	8,251	5,775	
Miscellaneous	...	14,288	6,087	
Total ...		1,01,510	71,089	

Savings on estimate ... Rs. 30,421

APPENDIX II.—TABLE No. 13.

URGENTLY REQUIRED DRAINAGE WORKS.

PURASAWAKAM AREA.

Laying of 27" and 24" C. I. intercepting Sewers

PERIAMET.

	Trench excavated.	Pipes laid.	Manholes.	Air valves.	Washouts.	Expenditure on work done.
	L. Ft.	L. Ft.	No.	No.	No.	Rs.
To 31st March 1923 ...	3,714	3,714	18	...	...	2,78,476

TABLE No. 14.

Extension of Gravitation Main No. 5.

	Trench excavated.	Sewers constructed.	Manholes built.	Expenditure on work done.
	L. Ft.	L. Ft.	No.	Rs.
To 31st March 1923 ...	1,912	1,912	7	62,133

APPENDIX II.—TABLE No. 15

SPECIAL WORKS DEPARTMENT.

Value of tools and plant and materials on 31st March 1922 (as given in the Administration Report for 1921-22) compared with the estimated value on 31st March 1923.

	31st March 1922	31st March 1923
	Rs.	Rs.
Drainage and Water Works Stores.		
Tools and plant	72,701	73,334
Materials	6,49,932	9,02,536
Amount to be written off with the sanction of the Standing Committee for loss, wear and tear and depreciation		709
Total ...	7,22,633	9,76,579
Deduct value of Stoneware Pipes, &c. purchased during the year ...		2,53,946
		7,22,633
Water Distribution Works Stores.		
Materials and Tools and plant		5,27,128
Amount to be written off with the sanction of the Standing Committee for loss, wear and tear and depreciation		70
Total ...		5,27,198
Deduct value of cast iron pipes etc. already charged to Work ...		3,96,384
		1,30,814

SPECIAL WORKS DEPARTMENT.

Cost of Design and Supervision.

Water-Works Section.

Year.	Design. Engineers.	Design. Subordinates.	Design. Total.	Construction. Engineers.	Construction. Subordinates.	Construction. Total.	Value of work designed.	Percentage of Designing Establishment on value of work designed.	Value of work executed	Percentage of supervision on value of work executed
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.	Rs.
1908—09	21,131	5,876	27,007	1,800	700	2,500	62,79,500		64,602	3·87
1909—10	17,640	9,664	27,304	4,600	2,300	6,900			1,72,574	3·99
1910—11	12,108	9,406	21,514	12,108	9,407	21,515			3,04,188	7·07
1911—12	12,624	10,441	23,065	12,625	10,441	23,066			4,35,207	5·30
1912—13	11,983	9,853	21,836	11,984	9,853	21,837			6,19,918	3·52
1913—14	9,955	15,121	25,076	9,955	15,122	25,077			16,78,214	1·49
1914—15	9,900	18,929	28,829	9,900	18,930	28,830	5,30,000		5,78,821	4·98
1915—16	9,980	10,543	20,523	9,980	10,542	20,522			4,23,431	4·85
1916—17	7,134	9,731	16,865	7,135	9,731	16,866			8,05,989	2.09
1917—18	5,832	6,744	12,576	5,832	6,745	12,577			46,184	27·23
1918—19	...	...	...	630	896	1,526			31,710	4·81
1919—20	...	...	...	...	...	...	7,20,000		6,247	...
1920—21	...	...	...	...	7,002	7,002	...		2,20,264	3·18
1921—22	...	...	...	...	14,658	14,658	...		1,37,032	10·69
1922—23	...	...	...	...	9,555	9,555	...		6,18,905	1·54
Total ...	1,18,287	1,06,308	2,24,595	86,549	1,25,882	2,12,431	75,29,500	2·93	61,43,336	3·46
DRAINAGE SECTION.										
1908—09	17,801	7,418	25,219	1,600	800	2,400	9,82,910		39,621	6·06
1909—10	19,500	10,278	29,778	2,400	1,200	3,600	18,18,945		52,837	6·81
1910—11	12,777	8,859	21,636	12,777	8,859	21,636	38,610		3,74,760	5·77
1911—12	18,015	13,057	31,072	18,015	13,057	31,072	84,475		4,74,905	6·54
1912—13	15,437	15,716	31,153	15,437	15,716	31,153	1,21,03,440		4,07,505	7·64
1913—14	17,399	16,217	33,616	17,400	16,217	33,617	...		2,52,903	13·29
1914—15	14,820	21,464	36,284	14,820	21,463	36,283	12,12,500		2,31,055	15·70
1915—16	18,250	21,332	39,582	18,250	21,331	39,581	2,81,470		5,87,012	6·74
1916—17	18,819	12,391	31,210	18,820	12,392	31,212	60,650		5,52,228	5·65
1917—18	11,555	19,067	30,622	11,554	19,067	30,621	94,870		4,63,197	6·61
1918—19	22,320	15,846	38,166	22,320	15,846	38,166	1,35,000		4,34,183	8·84
1919—20	20,445	17,374	37,819	20,445	17,374	37,819	1,85,200		2,89,219	13·07
1920—21	18,142	15,624	33,766	18,142	15,624	33,766	...		7,79,911	4·33
1921—22	14,238	20,163	34,401	14,238	20,163	34,401	...		6,80,493	5·05
1922—23	13,116	20,970	34,086	13,117	20,970	34,087	...		6,67,416	5·10
Total ...	2,52,634	2,35,776	4,88,410	2,19,335	2,20,079	4,39,414	1,69,98,070	2·87	62,87,245	6·98

69

NAPIER PARK DRAINAGE AREA.

Statement showing sewer laying done up to 31st March 1923 and its value at Main Drainage Estimate Rates, also the actual cost incurred.

Description of work.	Unit.	Quantity executed.	Value of Work done as per estimate rates.	Actual cost.
Sewers.			Rs.	Rs.
6 inch	L. Ft.	30,319	50,748	42,859
9 ,, ...	,,	18,058	58,955	50,927
12 ,, ...	,,	853	4,657	3,547
18 ,, ...	,,	167	2,424	1,638
Manholes	No.	432	37,227	26,760
Miscellaneous	,,		73,112	57,387
		Total ...	2,27,123	1,83,118
		Savings on Estimate Rs....		44,005

APPENDIX II—TABLE No. 18.

ROYAPURAM DRAINAGE AREA

Statement showing work done up to 31st March 1923 with the value thereof at Revised Estimate rates, and the actual cost incurred.

Description of work.	Unit.	Quantity executed.	Value of work executed at estimate rates	Actual cost.	
			Rs.	Rs.	
Upto 31st March 1920			†2,24,920	2,12,866	† At Main Drainage rates.
Work done from April 1920 to 31st March 1923.					
6 inch sewers ...	L. feet.	16,729	*53,080	34,329	* At Revised rates.
9 „ „ ...		13,352	81,075	49,642	
12 „ „ ...		1,456	11,560	18,916	
15 „ „ ...		573	7,130	11,316	
18 „ „ ...		...	...	...	
21 „ „ ...		....	...	....	
Manholes ...	No.	230	21,335	22,936	
Miscellaneous ...	„	...	1,61,705	1,10,798	
Total ...			3,35,885	2,47,917	
Grand Total ...			5,60,805	4,60,783	

Savings on estimate, Rs. 1,00,022

70

APPENDIX II—TABLE No. 19

TONDIARPET DRAINAGE AREA.

Sewer Extensions.

	Lineal feet of sewers laid. 6" Dia.	9" Dia.	12" Dia.	Total length laid.	Man-holes built	House connections.	Expenditure.
	L. ft.	L. ft.	L. ft.	L. ft.	No.	No.	Rs.
Progress up to 31st March 1923 ...	917	920	1,114	2,951	16	...	33,717

TABLE No. 20

PURASAWAKKAM DRAINAGE AREA.

Statement showing work done up to 31st March 1923 and its value at Revised Estimate rates, also the actual cost incurred.

Description of work.	Unit.	Quantity executed.	Value of Work done as per Revised Estimate rates.	Actual cost.
Up to 31st March 1920			Rs. 3,96,150	Rs. 3,30,219
Work done from April 1920 to 31st March 1923				
6 inch Sewer, S. W. ...	L. Ft.	18,414	62,205	36,126
9 „	„	9,802	79,900	38,424
12 „	„	...	...	...
15 „	„	...	...	...
16 „ C. I. Sewer	„	...	...	...
18 „ Sewer, S. W. ...	„	...	....	...
18 „ C. I. Sewer ..	„	....	...	...
21 „	„	496	22,945	25,012
24 „	„	....	...	...
Manholes ...	No.	196	23,850	25,557
Miscellaneous ...	„	....	19,047	26,086
Total ...		...	2,07,947	1,51,205
Grand Total ...		....	6,04,097	4,81,424
Savings on Estimate ...		Rs.	1,22,673	

APPENDIX II—TABLE No. 21

SPECIAL WORKS DEPARTMENT.

Statement showing the works executed and the cost charged to Revenue Account, etc., during 1922—23.

No.	Description of Work.	Amount of Estimate.	Expenditure during the year.	Expenditure up to 31st March 1923.
		Rs.	Rs.	Rs.
1	Investigating the existing sewers and preventing flooding in Moore Street, George Town.	5,800	....	5,326
2	Improvement of Kelly's drain in George Town.	27,942	...	27 942
3	Anti-malaria and Storm water Drainage in Purasawakkam ...			
	Engineering staff, etc. ...	25,000	...	21,635
	(a) Strahan's Road Scheme ...	8,745	...	7,808
	(b) Brick-kiln Road Scheme, North Portion.	2,570	...	2 060
	Do. do. South Portion.	2,600	...	2,509
	(c) Demaster's Road ...	11,230	..	7,825
	(d) Main Channel &c. ...	71,790	2,008	82,071
4	Storm-water Drainage in South Triplicane ...	48,150	...	41,[illegible]
5	Do. do. in Stringer's Street ...		...	[illegible]
6	Construction of Storm-water drains across the Salt Depot in Wall Tax Road	33,600 }		
7	Do. do. in Basin Bridge ...	11,930 }	...	44,509
8	Do. do. in Egmore ...	39,550	..	34,388
9	Do. do. in Washermanpet...	25,000	1,525	21,219
10	Do. do. in Triplicane High Road ...	31,800	...	21,387
11	Do. do. in Ice House Road.	62,800	152	50,111
	Total ...	4,08,557	3,685	3,69,482

APPENDIX II—TABLE No. 22

SPECIAL WORKS DEPARTMET.

The total expenditure on the new water and drainage works from their commencement up to 31st March 1923 was as follows :—

		Rs.	
WATERWORKS—			
Roughing Filter	... ...	5,948	
Conduit	....	6,59,389	
Filters {Old Rs. 3,94,630 / New „ 1,04,108}	... ...	4,98,738	
Filtered Water Tanks—			
Auxiliary Work. {Old Rs. 4,86,778 / New „ 2,10,621}	... ...	6,97,399	
Pumping Station ...	... ...	5,20,357	
Elevated Tank ...	... ...	2,83,852	
Distribution system {Old Rs. 26,51,675 / New „ 5,93,743}	... ...	32,45,418	
Filtration Experiments	... ...	42,847	
Miscellaneous	... ...	1,80,417	
Establishment (Design and Execution)	... ...	4,45,508	
	Total ..		65,80,361
DRAINAGE WORKS—			
Pumping Stations	... ...	15,79,441	
Pumping Mains	... ...	6,42,819	
Gravitation Mains	... .	6,17,182	
Sewers including house connections / Less—Damages received from Messrs. Doulton & Co.,	... {25,81,675 / 2,17,425}	23,14,250	
Sewage Farm	... ...	1,31,789	
Miscellaneous	... ...	2,95,407	
Establishment (Design and Execution)	... ...	8,88,872	
Storm Water Drain	... ...	18,058	
		...68,17,259	
Stores on hand	... ...	6,81,130	
	Net total ...		69,48,389
Stormwater and Anti-malaria Works	... ...		5,39,569
	Grand Total ...		1,40,68,259

Note—Establishment charges include design of the Comprehensive Water and Drainage schemes, not yet completed.

Table showing sizes and length of water pipes laid during the year 1922–1923.

Serial No.	Name of Street.	Division.	Cast Iron Pipes Laid.	
			Size.	Ft.
1	Arunachella Mudaly Street ...	13	4′	502
2	Davidson Street	8	4″	717
3	Perumall Koil Garden Street ...	13	4″	269
4	Chellappa Mudaly Street ...	18	6″ 4″	675 854
5	Edward Park Lane or Venkatasa Naick Street ...	18	6″	621
6	Palli Street ...	23	4″	572
7	Kutti Naick Street	...	4″	575
8	Sivaraman Street ...	26	4″	495
9	Moore Street ...	5	4″	573
10	Somasundra Mudali Street ...	10	4″	271
11	Natupillaiyar Koil Street ...	10	4″	332
12	Subraya Pillai Street ...	12	4″	558
13	Veerappen Street ...	13	4″	479
14	Periya Naiyakaran Street ..	13	4″	408
15	Chinna Naiyakaran Street ...	13	4″	412
16	Narayana Mudaly Lane ...	11	4″	246
17	Vinayaga Maistry Street ...	13	4″	597
18	Chellappa Gramany Street ...	18	4″	329
19	Kolanda valuen Street ..	18	4″	409
20	Muthiyaloo Naicken Street ...	18	4″	601
21	Thandava Achary Street ..	18	4″	526
22	Sami Reddi Street ...	20	4″	1,477
23	Narayana Dass Parachari Street ...	20	4″	114
24	Malapathy Muthu Naick Street ...	22-B	4″	328
25	Rama Naicken Street ...	22-B	4″	338
26	Nava Veerusamy Iyer Street ...	22-B	4″	387
27	Willingdon's Bridge ...	24	7″	47′ & 8″
28	Sundaramoorthy Vinayagar Koil Street ...	26	4″	601

Table showing sizes and length of water pipes laid during the year 1922—1923.

Serial No.	Name of Street.	Division.	Cast Iron Pipes Laid	
			Size.	Ft.
29	Ellamen Koil Street ...	26	4″	140
30	Kandappa Mudali Street ...	26	4″	235
31	Thanikachellam Pillai Street ...	26	4″	345
32	Vadugu Edayar Street ...	29	4″	479
33	Olivers Road ..	29	4″	2,235
34	Emi Street ...	3	4″	680
35	Audiappen Street ...	3	4″	305
36	Venkatesa Maistry Street ...	7	4″	906
37	Old Jail Street ...	10	4″	2,260
38	Astabujam Street ...	17	4″	1,402
39	Siddulu Chetty Lane ...	...	4″	240
40	Sundarapillai Lane ...	18	4″	709
41	Perianna Mudaly Street ...	19	4″	1,066
42	Irrusappan Street ...	...	6″	217
43	Karpoora Mudaly Street ...	...	6″	662
44	Kattur Sadayappen Street ...	...	6″	212
45	Egambara Kumaraguru Street ...	...	4″	595
46	Sterling Road ...	22	7″	3,106
47	Village Road ...	...	7″	2,060
48	Anderson Road ...	...	4″	1,307
49	Iya Mudali Street ...	23	4″	1,091
50	Habibulla Sahib Street ...	24	4″	847
51	do. 1st Lane ...	...	4″	226
52	do. 2nd Lane ...	...	4″	157
53	do. 3rd Lane ...	...	4″	621
54	do. 4th Lane ...	...	4″	225
55	Meer Sahib Street ...	25	4″	423
56	do. Lane ...	...	4″	363

APPENDIX II—TABLE No. 23—(*Continued.*)

Table showing sizes and length of water pipes laid during the year 1922—1923.

Serial No.	Name of Street.	Division.	Cast Iron Pipes Laid.	
			Size.	Ft.
57	Venkatesa Naicken Street ...	25	4″	319
58	Tank Square Street ...	26	4″	557
59	Swami Pillai Street ...	26	4″	366
60	Sirdar Jung Garden 2nd Lane ...	27	4″	355
61	Irrusappa Gramani Street ...	28	4″	1,219
62	Kandappa Mudali Street ...	28	4″	509
63	Peria Malayappa Street ...	28	4″	866
64	Paripurna Vinayagar Koil Street ...	28	4″	974
65	Alwarpet Street	29	4″	821
66	San Thome High Road ...	30	5″	1,149
67	Dombarichan Kollai Street ...	...	4″	792

APPENDIX II—TABLE No. 24.

WORKS DEPARTMENT.

Statement showing the value of pumping station buildings, and plant, as given in the Administration Report for 1921-22 compared with the estimated value on the 31st March 1923.

Name of Pumping Stations.	Particulars.	Value in books on 31st March 1922.	Estimated value on 31st March 1923.
		Rs.	Rs.
Rayapuram.	Buildings	10,670	10,670
	Machinery	82,157	78,050
Law College.	Buildings	15,000	15,000
	Machinery	58,059	53 647
Langs garden.	Buildings	7,260	7,260
	Machinery	9,722	9,236
Napier Park.	Buildings	10,700	10,700
	Machinery	1[illegible],558	14,781
Ice House Road.	Buildings	8,[illegible]20	2,5[illegible]0
	Machinery	11,[illegible]18	10,563
Mylapore.	Buildings	3,570	3,570
	Machinery	8,635	8,204
Demellows Road.	Buildings	2,500	2,400
	Machinery	10,148	9.641
Tondiarpet.	A Buildings	11,855	11,855
	A Machinery	16,470	15,647
	B Buildings	13,590	13,590
	B Machinery	26,150	24,843
	C Buildings	11,450	11,450
	C Machinery	16,529	15,703
Night soil Depot.	Buildings	5,460	5,460
	Machinery	1,920	1,824
Pycrofts Road.	Buildings	2,500	2,500
	Machinery	5,049	4,797
Vepery.	Buildings	500	500
	Machinery	1,425	1,354
Kilpauk.	Buildings	16,6289	1,66,289
	Machinery	29,5662	2,58,271
	Elevated Tank	15,7260	1,57,260
	„ Masonry & Foundation	82,893	82,893
	Total ...	10,63,619	10,46,478
	Amount to be written off with the sanction of the Standing Committee for loss, wear and tear and depreciation	...	22,141
	Deduct value of Buildings and Machinery added during the year ...	...	...
	Total ...		10,68,619

APPENDIX II—Table No. 25.

Table showing the sizes and lengths of water pipes laid during the year 1922–23.

Divisions.	¾″	1″	1¼″	2″	2½″	3″	4″	5″	6″	Remarks.
	ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.	
1 to 4 ..	....	....	...	...	...	284	1,580	...	...	
5 to 7 ..	....	....	...	...	...	...	...	...	...	
8 to 10 & 12.	....	180	...	...	...	..	...	...	....	
11 & 13 to 15	121	121	...	81	33	...	384	...	792	
16 to 18 ...	90	765	1,900	2,000	....	270	...	...	...	
19 to 21 (a) ...	...	...	...	300	...	...	4 290	...	100	
21 & 22 / B ...	...	...	....	...	...	..	....	...	...	
23 to 25 ...	...	...	....	....	....	135	1,014	...	...	
26, 27, 22 (a)	...	...	....	...	....	..	...	...	...	
28 to 30 ...	...	...	...	...	....	...	2,324	...	...	
Total ...	211	1 066	1,900	2,381	33	689	9,592	...	892	

Works Department.

Cost of Pumping at Pumping Stations.

From April 1922 to March 1923.

Name of Pumping Stations.	Royapuram.	Law College.	Langs Garden.	Napier Park.	Ice House Road.	Mylapore.	Demellows Road.	A.	B.	C.	Kilpauk.
	1	2	3	4	5	6	7	8	9	10	11
TYPE OF MACHINERY	Worthington triple expansion direct acting steam pumps.		Worthington compound direct acting Steam Pumps.		Simple steam Engines and Centrifugal Pumps.	Oil and portable Engines & Centrifugal Pumps.	Electric Motors & Centrifugal Pumps	Oil Engines & Centrifugal Pumps.			Worthington triple expansion High duty direct acting steam Pumps
Gallons pumped in millions for 12 months ...	1702·76	402·23	142·66	95·06	122·91	55·60	342·05	711,59	574·58	68·07	5058·10
P. H. P. Hours in thousands for 12 months ...	302·86	69·34	20·21	24·33	14·91	15·44	59·07	61·51	58·00	6·03	1602·03
Gallons pumped per minute on an average per month ...	3576·59	865·86	355·08	812·95	520·89	222·79	880·68	1296·36	1109·04	145·09	13790.67
Average Head in feet per month ...	32·77	37·14	41·97	49·30	34·00	34·01	33·51	18·52	21·65	18·35	66·91
Average Pump Horse power per month P. H. P. ...	36·25	9·03	4·59	3·72	3·68	2·43	9·00	7·37	7·05	0·76	254·96
Indicated Horse Power I. H. P. ...	...	...	...	...	...	...	...	...	...	...	...
P. H. P. at time of taking ...	...	...	...	...	...	...	...	...	...	...	...
P. H. P. Total efficiency / I. H. P.	...	...	...	...	...	...	...	...	...	...	...

STATEMENT SHOWING THE MAINTENANCE OF THE SEWAGE PUMPING STATIONS DURING THE YEAR 1922—1923.

Name of Pumping Stations.	Coal consumed. Tons	Cwt.	Qrs.	Lbs.	Cost. Rs.	Stores. Rs.	Repairing charges. Rs.	Electric charges. Rs.	Establishment and Labour. Rs.	Purchase of other articles Rs.	Supervision charges. Rs.	Total cost Rs.	Total cost for previous year. (From April 1921 to March 1922)
Royapuram ...	625	10	2	22	28037	913	2557	756	5720	...	1107	40050	52184
Law College ...	930	17	1	23	25776	719	1873	457	6304	...	1751	36784	40826
Langs Garden ...	808	14	2	0	23053	373	1231	565	5530	...	1538	32296	33690
Napier Park ...	262	14	2	0	7549	133	543	552	1362	...	502	10541	35205
Ice House Road ...	775	[illegible]	[illegible]	0	20168	902	2439	...	4773	504	1428	30194	26045
Mylapore ...	212	12	2	0	6019	890	1272	...	3904	427	829	17460	22611
	Liquid Fuel 7832 gallons				8150								
Vepery ...	248	0	1	0	7068	696	1723	..	2674	210	634	13302	18574
Demellows Road ...	162730 units				18447	308	764	395	3428	..	1167	24509	30212
A. Pumping Station ...	Liquid Fuel 3200 gallons				1821	617	847	...	3324	281	324	6604	9694
B. Pumping Station ...	9866 ,,				4055	1067	1129	...	[illegible]	610	554	11639	14718
C. Pumping Station ...	2863 ,,				1161	709	852	...	4016	1720	424	8892	9742
Pycrofts Road ...	2254 units.				605	102	364	...	759	...	91	1921	3312

Total cost of Pumping for the year for the above Sewage Pumping Stations	Rs. 2,34,344
Add the workshop charges for repairing the Engines etc of the sewage Pumping Stations	8,877
Add the office stationeries, license fee, Telephone fees sewer cleaning & etc	260
	2,43,481
Add to this the total cost for the stock coal at the end of 31st March 1923	5,394
Add to this the charges removed for the New Ice House Road, Napier Park & Purasawalkam Pumping Station	38,727
	2,87,602
Deduct the sale amount of coal ashes credited to the sewage Pumping Stations	1,030
Total	2,86,572
Total cost of Pumping for the year for the Kilpauk Water Works Pumping Station	1,57,643
Add the Office Stationeries, License fees, Telephone fees, sewer cleaning & etc	2,507
Add the coal slack at coal rate	17,802
Add to this the total cost for the stock coal for the Water Works Pumping Station at the end of 31st March 1923	8,699
Add to this the miscellaneous charges for the Kilpauk Pumping Station	471
	1,87,122
Deduct the sale amount of coal slack & coal ashes credited to the Kilpauk Pumping Station ...	15,783
	1,71,339
Deduct the difference of salary of Mechanical Engineer charge to Kilpauk Pumping Station ...	2,000
	1,69,339

APPENDIX II.—Table No. 27—(a).

Reforming roads During 1922-23.

Division.	Metal.	1" Thick. Length	1" Thick. Square	2" Thick. Length	2" Thick. Square	3" Thick. Length	3" Thick. Square	4" Thick. Length	4" Thick. Square	5" Thick. Length	5" Thick. Square	6" Thick. Length	6" Thick. Square	8" Thick. Length	8" Thick. Square
I	S. Granite						Nil								
II	do					1600	548·5								
III	do						Nil	Nil							
IV	do					2200	660	3100	558						
V	do			1000	240			2500	682						
VI	do			1650	491										
VII	do						Nil								
VIII	do					5490	1440·8	975	155						
IX	do			2000	300	1170	187·2								
X	do						Nil								
XI	do					2254	546·75								
XII	do					1000	250								
XIII	do			500	155	2522	658								
XIV	do			1200	296	850	281	450	180						
XV	do			960	240	1280	409·6								
XVI	do			1900	910	6000	1950								
XVII	do			1800	630	1200	336								
XVIII	do						Nil								
XIX	do	1450	507	2960	1039	2380	952								
XX	do							610	97						
XXI	do			1500	564	8513	2472								
XXII	do			4158	1437	1085	304								
XXIII	do					3050	669·2								
XXIV	do					1500	248·4								
XXV	do			2700	870	2550	765								
XXVI	do					1750	525								
XXVII	do					3150	1512								
XXVIII	do					4300	1120								
XXIX	do					Nil									
XXX	do					Nil									
		1450	507	22328	7272	53844	15835·45	7685	1672						
	Miles. Furlongs. Yards.	0 — 2 — 43		4 — 1 — 188		10 — 1 — 198		1 — 3 — 125	16 — 1 — 89						

APPENDIX II.—Table No. 27—(b).

Reforming roads During 1922–23.

Division.	Metal.	1" Thick.		2" Thick.		3" Thick.		4" Thick.		5" Thick.		6" Thick.		8" Thick.	
		Length	Square	Length	Square	Length	Square	Length	Square	Length	Square	Length	Square	Length	Square
I	V.Granite					800	224								
II	do							2500	1000						
III	do			935	187	1200	240								
IV	do					1850	370								
V	do					5100	922					450	59		
VI	do					3480	740	500	108			1350	408		
VII	do			1100	150	4225	818·5								
VIII	do					1012	230								
IX	do			2397	411	2132	363·12								
X	do					996	149	1040	163						
XI	do					1060	122·5								
XII	do					3980	743 28								
XIII	do			1552	557·04	500	88·16								
XIV	do					5020	2370								
XV	do							Nil							
XVI	do			2300	575	8700	2566			430	163·5				
XVII	do					6200	1484								
XVIII	do					3400	765								
XIX	do					Nil									
XX	do					3250	990								
XXI	do			4600	1249	11865	2889·75								
XXII	do			3050	823·5	3337	677								
XXIII	do					Nil									
XXIV	do					Nil									
XXV	do					530	79·5								
XXVI	do					Nil									
XXVII	do			1370	275	7540	1586	1480	410						
XXVIII	do			380	38	4900	942·5	1950	631						
XXIX	do			1000	180	5255	1394	10818	2038·8						
XXX	do					2000	420	1050	210						
				18684	4445·54	87732	21114·31	18838	4620·3	430	163·5	1800	467		
			Miles. Furlongs. Yards.	3 — 4 — 68		16 — 4 — 204		3 — 4 — 119		0 — 0 — 143		0 — 2 — 160	24 — 1 — 94		

APPENDIX II.—Table No. 27—(c).

Reforming Roads during 1922–23.

Division.	Metal.	1" Thick.		2" Thick.		3" Thick.		4" Thick.		5" Thick.		6" Thick.		8" Thick.	
		Length	Square	Length	Square	Length	Square	Length	Square	Length	Square	Length	Square	Length	Square
I	Laterite.					3100	594								
II	do			1600	320	6045	1042·5								
III	do					12230	2207·25								
IV	do					7930	2714·5								
V	do						Nil								
VI	do							1080	321						
VII	do					280	45								
VIII	do						Nil								
IX	do			675	84	1160	104	330	33						
X	do			1168	159	870	93·7								
XI	do			550	83	675	67·5								
XII	do					4406	874·6								
XIII	do					900	162	830	95						
XIV	do					240	58								
XV	do					450	112 5								
XVI	do			800	120	8160	1573·5	7850	2400	3000	1200				
XVII	do					800	200								
XVIII	do					5930	1071·5								
XIX	do					2300	1001					222	39·9		
XX	do			870	104·5	875	148·5							285	23·5
XXI	do					9220	1768·5								
XXII	do					2150	318	180	81						
XXIII	do			1150	315·2										
XXIV	do					6538	1038·78	2490	382·8						
XXV	do					2450	555	3530	478·5						
XXVI	do	300	80	1020	160	5640	878 25	5315	1057·5						
XXVII	do					Nil	Nil								
XXVIII	do					Nil	Nil								
XXIX	do					Nil	Nil								
XXX	do					Nil	Nil								
		300	80	7833	1350·7	82149	16628·56	22005	4818·8	3000	1200	222	39·9	285	23·5
	Miles. Furlongs. Yards.	0 — 0 — 100		1 — 3 — 191		15 — 4 — 103		4 — 1 — 75		0 — 4 — 120		0 — 0 — 74		0 — 0 — 95	21 — 7 — 98

TABLE No. 23

Statement showing level of Red Hills and rain fall from April 1922 to March 1923.

Date.	April 1922. Water level.	April 1922. Rain fall.	May Water level.	May Rain fall.	June. Water level.	June. Rain fall.	July. Water level	July. Rain fall.	August. Water level.	August. Rain fall.	September Water level	September Rain fall.
1	41·50	Nil	39·87	Nil	38·17	0·91	37·09	0 41	36·00	0·20	35·01	0.04
2	41·45	...	39 80	...	38·14	Nil.	37 04	Nil.	35 96	Nil.	34.93	Nil.
3	41·40	...	39·72	...	38 11	...	36·99	...	35 92	0 70	34·94	...
4	41 35	...	39·63	...	38 07	...	36·94	...	35 88	0·08	34·90	0·20
5	41·30	...	39 53	...	38·03	...	36 90	0 05	35·84	0 26	34·86	Nil.
6	41 25	...	39 43	...	38 08	1·40	36·86	Nil.	35.80	0·26	34·82	...
7	41·19	...	39·33	...	38·04	Nil.	36·82	...	35 75	Nil.	34·78	...
8	41·13	...	39·26	0·55	38·00	...	36·78	...	35.72	0·12	34·74	...
9	41·07	...	39·21	Nil.	38·03	0·96	36 74	0·05	35.69	0 34	34·71	0·22
10	41·01	...	39·15	...	37·99	0·10	36·70	0 16	35 67	Nil.	34 68	Nil.
11	40·95	...	39·09	...	37·95	Nil	36·63	Nil	35.67	0·24	34 64	...
12	40·89	...	39·02	...	37·91		36·62	...	35.67	0·52	34·61	...
13	40·84	...	38·95	...	37·86		36·58	0 09	35 65	Nil.	34·58	...
14	40·79	...	38·88	...	37·81		36·54	0·03	35 61	...	34 55	...
15	40·74	...	Readings could not be observed as there was heavy wave.	...	37·76	Nil.	36·50	0 02	35·57	0·24	34 51	...
16	40·69	...		...	37 72		36·51	0·40	35 53	Nil.	34·47	0·06
17	40·64	...		...	37·67		36·49	0·05	35·49	0·40	34·44	0·02
18	40·59	...		...	37·62		36·47	0·14	35·45	Nil.	34·40	Nil.
19	40·54	...		...	37·57		36 45	0,02	35·41	0 05	34·35	...
20	40·49	...		...	37 53	0·19	36 43	0 15	35·37	·03	34·30	...
21	40 44	...		...	37·57	0·90	36·40	0 05	35·33	Nil.	34·27	0·97
22	40·39	...		...	37·53	Nil	36·37	Nil.	35·29	...	34·23	Nil.
23	40·33	...		...	37·49	0·11	36·34	0·09	35·25	0 0	34·18	...
24	40·28	...		0·20	37·44	Nil.	36·31	Nil.	35 22	0·2	34 13	...
25	40·23	...		Nil.	37·39	...	36·28	...	35·19	0 02	34·09	...
26	40·17	...	38 45	...	37·34	...	36·24	0·07	35·17	Nil.	34 05	0 04
27	40·11	...	38·39	0·27	37·29	...	36·20	Nil.	35 15	0·38	34·03	0·29
28	40·05	...	38·33	Nil.	37 24	...	36 16	0·04	35 12	Nil.	34·01	Nil
29	39·99	...	38.27	...	37 19	0·05	36·12	Nil.	35·10	0 30	34·03	0·87
30	39·93	...	38·21	...	37·14	0·06	36·08	...	35·08	0·04	34 15	0·78
31	...	...	38·14	...	...	...	36 04	...	35·04	Nil.	...	...
		Nil.		1·02		4·68		1·82		4·48		3.39

Date.	October. Water level.	October. Rain fall.	November. Water level.	November. Rain fall.	December. Water level.	December. Rain fall.	January 1923. Water level.	January 1923. Rain fall.	February. Water level.	February. Rain fall.	March. Water level.	March. Rain fall.	Remarks.
1	34·12	Nil.	36.78	0·92	45·75	1·80	45·33	Nil.	46·15	Nil.	45 46	0·28	
2	34·09	0·02	37·49	2·50	45 69	0·05	45·29	...	46·14	...	45 52	0·26	
3	34·04	Nil.	39·47	6·27	45·70	Nil.	45·25	...	46·15	...	45·52	Nil.	
4	34·00	0·01	40·79	0·87	45·69	...	45·22	...	46·15	...	45·51	...	
5	33·99	Nil.	[illegible]	0·11	45·66	...	45·19	...	46·13	...	45 49	...	
6	33·98	...	41·82	0·48	45·67	...	45·16	...	46·10	...	45·47	...	
7	33·96	...	42 22	0·53	45·67	...	45·13	...	46·06	...	45·47	...	
8	33·94	...	43·37	3·85	45·67	...	45·10	0·30	46·03	...	45·47	...	
9	33·91	...	44 74	2·15	45·67	...	45·13	0·05	46·01	...	45·44	...	
10	33·87	...	45 32	0·24	45·68	...	45·16	0·35	45·98	...	45·44	...	
11	33·85	0·24	45 62	0·70	45 68	...	45·14	0·02	45·94	...	45·42	...	
12	33 96	1·31	45·78	0·65	45·68	...	45 27	1·50	45·90	...	45·39	...	
13	33·99	0·33	45·67	0·03	45·68	...	45·67	3 12	45·86	...	45·35	...	
14	33·97	Nil.	45·59	0 53	45·69	...	46·05	0·02	45·82	...	45 38	0·58	
15	33·94	...	[illegible]	Nil.	45·68	...	46 17	[illegible]	45·78	...	45·37	Nil.	
16	33·90	...	[illegible]	8·50	45·68	...	46·17	...	45·75	...	45 35	...	
17	33·95	0·17	45·67	0·02	45·68	...	46·16	...	45·72	...	45·32	...	
18	34·00	1·90	45·67	Nil.	45·67	...	46·15	...	45·69	...	45·29	...	
19	34·02	0·03	45 67	...	45·67	...	46·14	...	45·66	...	45 26	...	
20	34·01	Nil.	45·66	...	45·67	...	46·12	...	45·63	...	45 23	...	
21	33·98	...	45·63	...	45 67	...	46·14	...	45 60	...	45·20	...	
22	33·95	...	45·59	...	45·66	...	46·16	...	45·57	...	45·17	...	
23	33 97	0·79	45 65	...	45·64	...	46·16	...	45·54	...	45·15	...	
24	33·96	Nil	45·67	...	45·62	...	46·15	...	45·51	...	45 12	...	
25	33·96	...	45·67	...	45·60	...	46·12	0·01	45·48	0·07	45·09	...	
26	34·16	2·40	45·67	0·02	45·57	...	46 14	0 32	45·57	...	45·06	...	
27	34·28	0 20	45·71	1·08	45·53	...	46·16	0 06	45 54	...	45 03	...	
28	34·70	2·50	45·67	0·03	45·49	...	46·14	Nil.	45 50	...	45 00	...	
29	35·62	2·86	45 67	[illegible]	45·45	...	46·12	...	...	...	44·96	...	
30	35·97	[illegible]	[illegible]	1 45	45·41	...	46·12	...	...	...	44·92	...	
31	363·9	0·40	...	...	45·37	...	46·16	...	...	...	[illegible]	...	
		12·93		32·68		1·85		5·75		0·07		1·15	

Statement showing the quantity of water used for non-domestic purposes and billed for during the year 1922–23 and the total collections of the year.

Period.	Quantity of water used during the year: gallons.	Bills issued during the year. Rs.	A.	P.	Amount collected during the year. Rs.	A.	P.	Remarks.
March 1922 ...	51,638,600	64,548	4	0				
April „ ...	39,966,000	49,957	8	0				
May „ ...	42,819,200	53,524	0	0				
June „ ...	41,512,200	51,890	4	0				
July „ ...	41,034,600	51,293	4	0				
August „ ...	39,192,300	48,990	6	0				
September „ ...	36,139,800	45,174	12	0				
October „ ...	32,884,700	41,105	14	0				
November „ ...	35,220 950	44,026	3	0				
December „ ...	36,649,500	45 811	14	0				
January 1923 ...	35,735,000	44,668	12	0				
February „ ...	34,776,200	43,470	4	0				
Total ...	467,569,050	5,84,461	5	0	*5,81,619	10	10	
Total for 1921–22 ...	416,152,992	5,20,191	3	10	5,33,583	9	10	

* Includes arrears of previous years collected during the year.

Total of License fees recovered and the number of applications or cases dealt with during the year 1922-1923.

Total number of applications or cases dealt with.	Number refused or undisposed.	Number sanctioned.	Purpose.	License fees. Rs.	A.	P.
40	2	38	Aerated Water factories	7,600	0	0
5	....	5	Ammunition	500	0	0
373	28	345	Bakehouses including coffee hotels and Sweetmeat bazaars	5,980	11	0
2	....	2	Bones	200	0	0
13	1	12	Brick kilns	90	0	0
2266	386	1880	Buildings (construction or reconstruction)	22,986	14	0
*182	3	179	Breaking and Hammering Iron and manufacturing articles out of iron ...	1,790	0	0
329	3	326	Beating metals	652	0	0
1	...	1	Burial ground-registration of ...	10	0	0
2	....	2	Candles	10	0	0
2	...	2	Carpet factories	4	0	0
16	...	16	Cart Stands	1,440	0	0
75	2	73	Casting metals	510	0	0
1	....	1	Cat gut	15	0	0
798	40	758	Cattle yard	3,000	0	0
95	7	88	Charcoal, Coal or Coke	2,909	0	0
1	...	1	Cement	300	0	0
20	....	20	Chemicals	700	0	0
13	...	13	Cocoanut fibre	65	0	0
22	...	22	Condiment factories	235	0	0
4,256	472	3,784	Carried over ...	53,997	9	0

Total number of applications or cases dealt with.	Number refused or undisposed.	Number Sanctioned.	Purpose.	License fees. Rs.	A.	P.
4,256	472	3,784	Brought forward ...	53,997	9	0
15	...	15	Cotton	850	0	0
43	...	43	Celluloid goods and Cinematograph Films	525	0	0
1	...	1	Contractor's fee	2	0	0
18	...	18	Dairy produce	87	8	0
21	...	21	Debentures registration	49	0	0
111	...	111	Dyeing clothes	2,496	0	0
57	4	53	Erection of machinery	4,437	8	0
1	....	1	Fat	15	0	0
901	2	899	Fire wood	3,379	8	0
34	...	34	Fire works	294	0	0
14	....	14	Fish	42	0	0
53	2	51	Flour	505	0	0
6	...	6	Gas	300	0	0
69	...	69	Gilding and Electroplating ...	460	0	0
85	...	85	Grave diggers	85	0	0
10	...	10	Gunpowder	1,000	0	0
114	2	112	Hack Stables	649	8	0
16	7	9	Hair Souri	75	0	0
3	...	3	Horns	150	0	0
27	...	27	Iron safe factories	918	12	0
27	2	25	Lime	800	0	0
1	...	1	Lac or Shellac Manufacturing	25	0	0
24	...	24	Lodging Houses	755	0	0
5,907	491	5 416	Carried over ...	71,898	5	0

Total number of applications or cases dealt with.	Number refused or undisposed.	Number Sanctioned.	Purpose.	License fees. Rs.	A.	P.
5,907	491	5,416	Brought forward ...	71,898	5	0
41	...	41	Markets (Private)	7,150	0	0
410	...	410	Matches	1,133	4	0
68	22	46	Meat stalls	230	0	0
4	...	4	Nitro compound	200	0	0
1525	...	1525	Obstruction, scaffolding etc., under sections 226 and 227	7,391	0	0
119	....	119	Oil petroleum under Municipal Act ...	921	4	0
63	7	56	Do under petroleum Act ...	3,966	13	4
169	5	164	Oil mills and Presses	2,140	0	0
140	...	140	Oil storing	1,612	8	0
13	1	12	Oil Boiling	65	0	0
13	...	13	Oil cloth	65	0	0
1	...	1	Offal	30	0	0
88	1	87	Onions and Garlic	655	0	0
328	...	328	Paddy Boiling	352	0	0
3973	110	3863	Pandals	23,807	0	0
1	...	1	Paper	5	0	0
10	...	10	Pitch	250	0	0
44	...	44	Plumbers' License fees	645	0	0
48	....	48	Pottery kilns	210	0	0
2	...	2	Rags	100	0	0
168	2	166	Skins, hides and leather	6,780	0	0
11	...	11	Manufacturing soap	550	0	0
13,146	639	12,507	Carried over ...	1,30,207	2	4

78

Total number of applications or cases dealt with.	Number refused or undisposed.	Number sanctioned.	Purpose.	License fees. Rs.	A.	P.
13,146	639	12,507	Brought forward ...	1,30,207	2	4
103	2	101	Straw, dry leaves etc.	590	0	0
35	...	35	Spirits and turpentine	875	0	0
6	...	6	Sulphur	180	0	0
3757	...	3757	Sunshade	6848	0	0
1	...	1	Swine	5	0	0
11	...	11	Tar	275	0	0
201	...	201	Timber	10,925	0	0
1	...	1	Tallow	15	0	0
5	....	5	Wool	250	0	0
74	4	70	Washing soiled clothes ...	Free.	...	...
152	...	152	Butcher's license	do.	...	...
4000	...	4000	Arrear collections	14,127	4	0
33	...	33	Advance collections	143	0	0
21525	645	20880		1,64,440	6	4
			Less the amount refunded ...	593	0	0
			Total ...	*1,63,847	6	4
			Total of fees collected under licenses Registration etc. including private markets and cart stands.			
			during the year ... 1921–1922	1,54,632	7	7
			Do ... 1920–1921	1,34,249	14	7
			Do ... 1919–1920	85,912	8	0

* Includes fees for cartstands and markets viz. Rs. 8,590.

People's Park.—Statement of receipts & charges for 1922-23.

Charges.	Amount. Rs.	A.	P.	Receipts.	Amount. Rs.	A.	P.
Establishment ...	4,978	3	3	Sale of grass ..	165	4	7
Labour &c.				Auction sale of dead trees.	32	0	0
Scavenger and night watch-man for the bath ...	211	8	4	Admission fees from the Bath ...	1,127	4	0
Gardeners ...	6,703	14	0	Hire of flower pots ...	826	4	0
Clothing for peons ...	174	14	5	Lease amount of fruit bearing trees in the People's Park ...	50	0	0
Printing and advertising ...	169	12	2	Permits issued for angling in the ponds in the Park.	10	0	0
Fees for playing band ...	[illegible]	[illegible]	0				
Purchasing tubs, manure &c.	594	14	7	Miscellaneous sales of plants &c. ...	157	4	0
Constructing masonry stands	240	13	8		2,418	0	7
Improvements to foliage sheds ...	1,428	1	6				
Sundry charges ...	1,760	4	9	Met from the Corporation funds ...	15,284	6	1
Total ...	17,702	6	8	Total ...	17,702	6	8

80

Robinson Park.—Statement of receipts & charges for 1922-23.

Charges.	Amount. Rs.	A.	P.	Receipts.	Amount. Rs.	A.	P.
Establishment ...	1,108	11	2	Amount realised by sale of grass and by hire of plants ...	873	12	2
Labour &c.							
Gardeners ...	3,386	15	10				
Clothing for peons ...	109	11	7				
Purchasing tubs, manure etc. ...	214	12	9				
Fees for playing band ...	840	0	0				
Sundry charges ...	823	15	11	Met from the Corporation funds ...	5,610	6	1
Total ...	6,484	3	3	Total ...	6,484	3	3

APPENDIX II—TABLE No. 33.

Loane Square—Statement of receipts and charges for 1922-23.

Charges.	Amount.			Receipts.	Amount.		
	Rs.	A.	P.		Rs.	A.	P.
Watchmen and gardeners.	536	11	10				
Purchasing tubs, manure etc.	85	15	0				
Painting rails and white washing ..	159	4	4				
Fees for playing band	1,680	0	0	Met from the Corporation Funds	2,461	15	2
Total	2,461	15	2	Total ...	2,461	15	2

TABLE No. 34.

Sivangnanam Park—Statement of Receipts and Charges for 1922-23.

Charges.	Amount.			Receipts	Amount.		
	Rs.	A.	P		Rs.	A.	P.
Watchmen and gardeners.	468	11	9				
Fees for playing band ...	420	0	0				
Contingencies ...	91	4	2	Met from the Corporation Funds	979	15	11
Total	979	15	11	Total ..	979	15	11

APPENDIX II—TABLE No. 35.

Napier Park—Statement of Receipts and Charges for 1922-23.

Charges.	Amount.			Receipts.	Amount.		
	Rs.	A.	P.		Rs.	A.	P
Establishment ..	1,179	9	5				
Labour, etc.							
Gardeners ..	813	6	0				
Clothing for peons ...	87	7	2				
Contingencies ...	472	11	3	Met from the Corporation Funds ...	2,553	4	10
Total ...	2,553	4	10	Total ...	2,553	4	10

APPENDIX II—TABLE No. 36.

Statement showing the number and cost of works executed in the Corporation workshops during 1922-23.

Particulars.		Number of works.	Cost.		
		Rs.	Rs.	A.	P.
I Departmental works		3,441	2,26,386	3	0
II Private works		104	1,694	6	7
III Foreign or works under advances recoverable ...		29	865	9	3
Total		3,574	2,28,946	2	10
New works	Rs. 722				
Repairs	Rs. 2,852				

APPENDIX II—Table No. 37.

Statement showing the number and description of carts, buckets &c. manufactured in the Corporation Workshop during the year 1922-23.

Serial No.	Description.	Number.	Remarks.
1	Wooden box carts	6	
2	Iron bucket hand carts with buckets ...	4	
3	Iron night soil buckets with lids ...	4	
4	Barrel cart	1	
5	Wooden meter doors	4	
6	Wrought iron meter doors	51	
7	Cast iron meter doors	74	
8	Cast iron stop cock covers	700	
9	Cast iron electric glow lamp posts ...	800	
10	Cast iron gratings	35	
11	Cast iron tee joint boxes	900	
12	Cast iron straight through boxes ...	100	
13	Cast iron light covers	28	
14	Cast iron tipper covers	4	
15	Cast iron dirt strainer boxes	112	
16	Cast iron hydrant covers	54	
17	Cast iron jaws for crushing machine ...	36	Sets.
18	Cast iron brackets for electric lighting ...	37	
19	Cast iron house drain gratings ...	300	
20	Corrugated iron dust bins	300	
21	Wrought iron tippers	13	
22	Iron watering carts	7	
23	Iron tree guards	29	
24	W. M. Dis cocks	160	
25	Brass straight ferrules	410	
26	Tin watering cans	120	

82

APPENDIX II—TABLE No. 33.

Corporation Workshops.

Statement showing the estimates amounting to Rs. 1000 and above executed during 1922-23.

No.	Particulars.	Amount of the Estimate	Expenditure.		
		Rs.	Rs.	A.	P
1	Uncoupling and fixing 4 new gun metal liners in the case iron pump barrels and manufacturing 2 New Cast iron Plungers to suit pump barrels for No. 1 and 2 Worthington pumping engine of Royapuram pumping station	1,020	870	0	0
2	Manufacturing and supplying 700 cast iron electric glow lamp posts, ladder arms, wrought iron brackets, water tight doors for street electric lighting (contract Work)	57,600	51,962	0	0
3	Do. do.	8,000	6,162	0	0
4	Manufacturing and supplying one iron road watering van for North range	1,050	951	0	0
5	Manufacturing and supplying 50 overhead brackets with switches consisting of switch boxes with bifurcating boxes, wrought iron brackets with galvanized pipes, brass nipples including check nuts and leather washers for electrical Engineer Corporation of Madras	1,090	1,050	0	0
6	Do. do.	1,090	1,049	0	0
7	Do. do.	1,090	1,005	0	0
8	Do do.	1,090	1,035	0	0
9	Manufacturing and supplying 16 cast iron curved gratings 4′×3¾′ for house drainage Superintendent	1,024	845	0	0
10	Manufacturing and supplying 300 cast iron stop cock covers for stores Corporation of Madras	1,200	1,144	0	0
11	Repairing all the engine fittings of No. 2 engine of Royapuram pumping station	1,900	974	0	0
12	Manufacturing and supplying 37 cast iron brackets as per blue print for Electrical Engineer Corporation of Madras	1,090	964	0	0

Corporation Workshops.

Statement showing the estimates amounting to Rs. 1,000 and above executed during 1922–23.

No.	Particulars.	Amount of the Estimate.	Expenditure.		
		Rs.	Rs.	A.	P.
3	Manufacturing and supplying one dozen pair of jaws in cast Iron for each large and small stone crushing machine as per order of carting Supervisor ...	1,164	1,124	0	0
14	Manufacturing and supplying 12 cast iron meter doors light pattern 2′×1½′×5″ each and 12 cast iron meter doors 2½′×2′×5″ each for Water works Overseer 23—25th division	1,190	1,038	0	0

TABLE No. 39.

Corporation Workshops.

Statement of new machinery purchased during 1922–23.

Description of Machine.	No.	Value.
Nil.		

Statement I showing the number of pupils on rolls and the average daily attendance for the year ending with 1921–22 and 1922–23.

Serial Number.	Name of Corporation School.	No of pupils on Rolls. On 31st March 1922		No of pupils on Rolls. On 31st March 1923		Average daily attendance of pupils. 1921–22		Average daily attendance of pupils. 1922–23		No. on rolls from Backward classes as it stood on 31st March 1923.		Remarks.
		Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	
1	Sanjeeviroyanpet ...	158	4	145	10	133	3	111	6	83	3	
2	Malayappan Street ...	135	26	150	50	82	17	98	27	56	23	
3	Korukupet ..	139	14	191	10	116	9	137	3	61	1	
4	Angappa Naick St.	116	12	110	5	74	3	77	2	34	1	
5	Salaivinayagar Coil St.	130	25	140	22	101	23	101	21	58	12	
6	Vasapmodu	89	3	89	1	57	1	69	1	18	1	
7	Cemetery Road ...	128	19	139	22	85	16	89	17	79	10	
8	Vallabha Agraharam...	170	12	173	16	139	13	140	10	40	...	
9	Chetpet ...	108	23	118	44	70	15	102	32	108	43	
10	Periamet ...	132	33	140	49	100	23	94	29	103	37	
11	Chintadripet ...	138	26	185	42	103	17	117	23	136	32	
12	Purasawalkam	191	...	210	...	134	...	140	....	143	...	
13	Mylapore ...	199	22	183	30	136	17	151	21	138	16	
14	Nungambakkam ...	163	7	163	13	126	6	130	9	81	3	
15	Goyatope	161	39	211	50	134	33	143	33	148	34	
16	Thousand lights ...	200	41	253	52	143	28	178	35	230	52	
17	Venkatarangam Pillai Street ...	120	55	130	58	93	43	91	36	82	22	
18	Bells Road ...	190	48	211	60	152	40	182	47	52	12	
19	Choolai ...	254	13	221	3	204	10	175	4	101	1	
20	Triplicane High Road..	196	9	212	13	156	8	159	8	99	2	
21	Royapettah ...	196	17	196	32	161	13	164	24	99	9	
22	Edapalayam ...	107	43	140	31	82	25	85	21	95	23	
23	Royapuram ...	146	2	197	9	118	4	139	5	9	...	
24	Teynampet ...	88	17	117	21	79	12	85	17	103	31	
25	Oobrapalayam	60	21	48	9	53	20	42	9	40	6	
26	Tiruvothiyur High Road	79	21	71	24	46	15	53	13	37	9	
27	Kasimode ...	107	33	123	23	80	18	100	23	122	23	
28	Mirsahibpet ...	116	24	156	44	61	10	111	19	137	39	
29	Jani Jahan Khan Road.	142	21	138	16	107	13	93	14	51	9	
30	Bazaar Road, Mylapore.	123	37	178	40	85	23	108	26	132	25	
31	do Branch Nochikuppam ...	42	2	48	1	36	2	35	3	43	1	
32	Egmore ...	136	25	143	36	116	20	117	24	73	18	
33	Strahan's Road ...	141	38	193	40	116	22	129	25	135	30	
34	Cochrane Basin Road...	35	16	67	20	21	12	33	8	66	18	
35	Alwarpet ..	84	23	91	28	63	17	64	18	90	23	
	Total ...	4722	782	5231	934	3559	570	3845	618	3126	579	

Statement showing the Receipts and Charges ~~on account~~ of Education during the year 1922—23.

No.	Name of School.	Receipts.			Charges for the maintenance of Schools. Establishment.			Allowance.			Labour.			Other Expenses.			TOTAL.			New works and Repairs to Buildings. New Works.			Repairs.			Total.			GRAND TOTAL.		
		Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
1	Corporation School Chotpet ...	...	...	...	2,983	15	5	...	...	...	48	...	...	1,386	7	1	4,418	6	6	...	...	...	...	...	...	...	...	...	4,418	6	6
2	Do. Vallaba Agraharam ...	...	...	...	3,157	10	5	...	...	...	48	...	...	292	13	4	3,498	7	9	...	...	...	44	4	...	44	4	...	3,542	11	9
3	do. Periamet ...	...	...	...	3,023	0	0	...	...	...	48	...	...	296	2	5	3,367	2	5	...	...	...	...	...	...	...	...	...	3,367	2	5
4	do. Purasawalkam ...	...	...	...	3,018	1	0	...	...	...	47	...	...	320	...	...	3,385	1	0	...	...	...	388	1	4	388	1	4	3,773	2	4
5	do. Chintadripet ...	...	...	...	3,129	...	0	...	...	...	48	...	...	288	15	1	3,465	15	1	...	...	...	34	14	...	34	14	...	3,500	13	1
6	do. Mylapore ...	...	...	...	2,993	1	10	...	...	...	48	...	...	315	4	8	3,356	6	6	...	...	...	58	6	8	58	6	8	3,414	13	2
7	do. Nungambakkam ...	...	...	...	3,042	14	11	...	...	...	48	...	...	286	7	6	3,377	6	5	...	...	...	...	...	...	...	...	...	3,377	6	5
8	do. Goyacope ...	...	...	...	3,164	11	10	...	...	...	45	1	7	296	10	8	3,506	8	1	...	...	...	...	...	...	...	...	...	3,506	8	1
9	do. Thousand Lights ...	...	...	...	3,107	6	3	...	...	...	48	...	...	1,768	0	3	4,923	6	6	...	...	...	...	...	...	...	...	...	4,923	6	6
10	do. VenkatarangamPillaiSt.	...	...	...	2,953	15	5	...	...	...	48	...	...	324	13	0	3,326	12	5	...	...	...	7	8	...	7	8	...	3,334	4	5
11	do. Bells Road ...	...	...	...	2,977	9	7	...	...	...	48	...	...	314	4	5	3,339	14	0	...	...	...	...	...	...	...	...	...	3,339	14	0
12	do. Choolai ...	...	...	...	3,429	5	7	...	...	...	48	...	...	301	14	7	3,779	4	2	...	...	...	...	...	...	...	...	...	3,779	4	2
13	do. Royapettah ...	...	...	...	3,163	12	11	...	...	...	48	...	...	295	13	3	3,507	10	2	...	...	...	53	1	6	53	1	6	3,560	11	8
14	do. Triplicane High Road ...	...	...	...	3,330	8	7	...	...	...	48	...	...	281	15	3	3,660	7	10	...	...	...	...	...	...	...	...	...	3,660	7	10
15	do. Vanniya Teynampet ...	...	...	...	3,099	12	8	...	...	...	47	14	10	1,358	0	7	4,505	12	1	...	...	...	...	...	...	...	...	...	4,505	12	1
16	do. Sanjeevirayanpet ...	...	...	...	3,003	1	10	...	...	...	48	...	...	478	13	3	3,529	15	1	...	...	...	459	1	8	459	1	8	3,989	0	9
17	do. Maleyappen Street ...	...	...	...	2,983	1	3	...	...	...	48	...	...	257	13	0	3,288	14	3	...	...	...	375	9	5	375	9	5	3,664	7	8
18	do. Korukupet ...	...	...	...	3,179	9	4	...	...	...	48	...	...	263	6	1	3,491	1	5	...	...	...	...	...	...	...	...	...	3,491	1	5
19	do. Salai Vinayagar Coil St.	...	...	...	2,985	3	9	...	...	...	48	...	...	287	1	7	3,320	5	4	...	...	...	4	8	9	4	8	9	3,324	14	1
20	do. Angappa Naick Street	...	...	...	3,232	12	5	...	...	...	48	...	...	407	...	...	3,687	12	5	...	...	...	...	...	...	...	...	...	3,687	12	5
21	do. Vasapmodo ...	...	...	...	2,971	10	3	...	...	...	48	...	...	423	15	2	3,443	9	5	...	...	...	...	...	...	...	...	...	3,443	9	5
22	do. Cemetry Road ...	...	...	...	3,155	4	5	...	...	...	48	...	...	288	2	10	3,491	7	3	...	...	...	109	6	11	109	6	11	3,600	14	2
23	do. Edapalayam ...	...	...	...	3,165	4	3	...	...	...	48	...	...	260	9	6	3,473	13	9	...	...	...	81	9	9	81	9	9	3,555	7	6
24	do. Royapuram ...	...	...	...	2,772	1	7	...			48	...	...	720	8	2	3,540	9	9	...	...	...	...	...	...	...	...	...	3,540	9	9
25	do. Oobrapalayam ...	...	...	...	2,505	1	1	...	...	...	[illegible]		...	257	14	4	2,810	15	5	...	...	...	48	5	4	48	5	4	2,859	4	9
26	do. ThiruvothiyurHighRoad	...	...	...	2,008	6	1	...	...	...	48	...	...	251	8	...	2,307	14	1	...	...	...	...	...	...	...	...	...	2,307	14	1
27	do. Kasimode ...	...	...	...	2,547	0	3	...	...	...	48	...	...	257	1	5	2,852	1	8	1,001	4	...	...	...	...	1,001	4	...	3,853	5	8
28	do. Mirsahibpet ...	...	...	...	2,493	9	3	...	...	...	44	...	...	1,524	3	3	4,061	12	6	...	...	...	...	...	...	...	...	...	4,061	12	6
29	do. Jani Jehan Khan Road	...	...	...	2,949	1	3	...	...	...	48	...	...	902	9	6	3,899	10	9	...	...	...	...	...	...	...	...	...	3,899	10	9
30	do. Mylapore Bazaar Road	...	...	...	2,743	15	2	...	...	...	48	...	...	720	6	8	3,512	5	10	...	...	...	...	...	...	...	...	...	3,512	5	10
31	do. Egmore ...	...	...	...	2,903	0	0	...	...	...	48	...	...	1,146	8	...	4,097	3	0	...	...	...	...	...	...	...	...	...	4,097	3	0
32	do. Strahans Road ...	...	...	...	3,128	13	3	...	...	...	48	...	...	259	2	0	3,435	15	3	...	...	...	192	5	5	192	5	5	3,628	4	8
33	do. Cochrane Basin Road	...	...	...	2,390	12	6	...	...	...	...	...	...	179	1	0	2,569	13	6	...	...	...	...	...	...	...	...	...	2,569	13	6
34	do. Alwarpet ...	...	...	...	2,448	0	0	...	...	...	48	...	...	882	5	1	3,378	5	1	...	...	...	...	...	...	...	...	...	3,378	5	1
35	do. Nochikuppam ...	...	...	...	848	9	7	...	...	...	61	...	10	43	13	5	953	7	10	...	...	...	...	...	...	...	...	...	953	7	10
36	Corporation Superintendent of Schools ...	...	...	...	2,162	7	5	450	...	...	...	...	...	42	1	5	2,674	8	10	...	...	...	...	...	...	...	...	...	2,674	8	10
37	do. Supervisor Play Ground ...	...	...	...	540	...	...	...	...	...	...	...	...	85	...	...	625	...	...	...	...	...	...	...	...	...	...	...	625	...	...
38	do. Reading Room Egmore,	...	...	...	212	6	6	...	...	...	...	...	...	100	6	3	312	12	9	...	...	...	...	...	...	...	...	...	312	12	9
39	Annie Besant Free School, Krishnampet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	238	2	...	238	2	...	238	2	0
40	Construction of a Model School in Suryanarayana Chetty Street ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,321	13	9	...	...	...	2,321	13	9	2,321	13	9
41	do. Konditope ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5,453	5	4	...	...	...	5,453	5	4	5,453	5	4
42	do. Kosapet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,803	12	3	...	...	...	1,803	12	3	1,803	12	3
43	do. Anna Pillai Street ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,989	8	0	...	...	...	2,989	8	0	2,989	8	0
44	Interest on investment and repayment of debt.	...	...	...	...	...	...	...	...	...	...	...	...	32,486	...		32,986	...	...	...	...	...	...	...	...	...	...	...	32,980	0	0
	Total ...	...	...	...	103924	1	10	450	...	...	1,637	1	3	51,152	13	0	157164	0	1	18,569	11	4	2,095	4	9	15,665	0	1	172829	0	2

REPORT ON THE WORKING OF THE RAJA SIR RAMASWAMI MUDALIAR'S LYING-IN-HOSPITAL FOR THE YEAR 1922-23.

1. *Accommodation*:—The number of beds available is fifty which are distributed as follows:—

Victoria Jubilee ward	...	16 beds.
Lady Grenville ward	....	10 ,,
Lady Ramaswami ward	...	10 ,,
Albert Victor ward	...	6 ,,
Shed for contagious cases	...	8 ,,
Total	...	50 ,,

The store room and the consulting room for out-door patients are combined in a special room of two beds attached to the lady Grenville ward so that excluding the 8 beds in the contagious shed and 6 beds in the labour ward there really exist only 34 beds for puerperal cases.

2. 3,797 out-door patients and 2,541 in-door patients received treatment during the year as compared with 4,150 out-door and 2,042 in-door patients during the previous year. The number of deliveries was 1,895 which is the highest on record as compared with 1,488 during the previous year. The daily average of attendance was among the in-door 41.13 and among the out-door 20.56 as compared with 39.88 in-door and 25.08 out-door during the previous year. The principal operations performed were Caesarean section 2, Hysterectomy 1, application of forceps 144, internal podalic version with or without extraction 20, other operations 157. Total 324.

3. 19 Indian pupil midwives qualified after one year's course were granted diplomas during the year. As pointed out in the previous report, with the increase in the number of admissions into the hospital, a larger number of midwives should be trained, provided stipends could be found. A better class of Indian educated women are now seeking admission in larger numbers, and they could not be taken as the number of scholarships is limited to 18 per year.

4. The number of deliveries during the year was 1,895 the highest on record and the large increase in the number of admission calls for urgent improvement as pointed out in the previous report. As stated in para 1 above only 34 beds

are available for puerperal cases and the daily average of indoor patients was 41.13 and the maximum number treated on any one day was 56 and thus some of the patients have to be accommodated on the floor which is not fair to the patients. The labour ward consists of two rooms one used as a waiting room and the other as delivery room. Under present arrangements only 4 beds could be accommodated therein. Thus the present labour ward is without a separate examination and recovery rooms. The daily average of deliveries was 5.18 and the maximum number of deliveries on any one day was 13 on 18th September 1922. All natural and difficult instrumental cases have to be conducted side by side in the same room as there exists no separate operation theatre. It is evidently clear from the above that the present arrangement is very unsatisfactory and calls for urgent extension of the labour ward with an operation theatre. The present method of congregating the out-door cases in the verandah of a puerperal ward is unsatisfactory and a separate out-door department is an essential necessity. With the increased work thrown on the staff there had been no increase in the nursing and menial staff and this is a question which can no longer be postponed.

W. C. GRAY, MAJOR, I.M.S.

Superintendent

Madras, *Raja Sir Ramaswami Moodaliar's*

16*th May* 1923. *Lying-in-Hospital.*

REPORT ON THE WORKING OF THE KALYANI HOSPITAL, MYLAPORE, FOR THE YEAR 1922-23.

From the beginning of the official year until October Mrs. Fostor (Nee Miss. Wolfe) M.B., B. Ch., B A.O., was honorary medical Superintendent of the hospital. In October Mrs. Monahan, M.D., B.S., returned from furlough and took over charge of the hospital from Dr. Fostor. During the year Miss Bredio resigned her position as matron and Mrs. D'Sylva who had previous experience was appointed in her stead. During the latter half of the year under review the number of patients attending the dispensary in Triplicane has gradually increased, reaching the total of 145 patients on one after-noon. During the Christmas holidays three senior students from the Missionary medical school for women at Vellore stayed in the hospital and had a good opportunity of studying midwifery practically. The staff of the hospital is glad to be able to take up a small share in the training of Indian medical women.

86

Once more we have to record with gratitude generous gifts from friends in England and in India. A gift received by Mrs. Monahan in England made it possible to procure special instruments including a cystoscope and also an electric battery. An Indian gentleman, already a generous benefactor to hospital, gave in his wife's name Rs. 1,000 to fit up a dark room in our out patient department for opthalmic work.

During the first three months of 1923 the capacity of the hospital has often been over taxed by the number of patients.

Ritherdon Road,
Vepery,
14*th May* 1923.

C. H. MONAHAN,
Hony. Secretary & Treasurer.

San Thome Mylapore,

Madras 16*th May* 1923.

From

M. R. Ry. DEWAN BAHADUR G. NARAYANASWAMI CHETTY GARU,

Honorary Secretary and Treasurer,

San Thome Dispensary, San Thome.

To

THE COMMISSIONER,

Corporation of Madras.

Sir,

I have the honour to furnish the following annual report on the working of the San Thome dispensary for the year 1922-23.

History:—This charitable institution was founded by the late bishop Strachan M. D., in 1874, apparently in connection with the S. P. G. Mission, so that it has actually been in existence for the past 49 years or nearly half a century. It is of inestimable value not only to the general public but also to the poor of all classes and communities without distinction of caste, creed, or nationality. San Thome contains a floating population, since people resort to it from all parts of the Presidency during the greater part of the year on account of its salubrious climate and its close proximity to the sea. To these particularly the institution is of great value. The Anglo-Indian population has also greatly increased recently as compared with previous years, and the demand for medical and surgical relief especially among those of small means has therefore correspondingly increased.

Maintenance:—The dispensary was maintained, as usual from the monthly grant of Rs. 98–5–4 allowed by the Corporation, and the annual grant of Rs. 300 for the purchase of medicines, made from the same source, supplemented by public subscriptions and donations.

Accommodation:—As the S. P. G. has sold the building hitherto occupied by the San Thome dispensary, the dispensary is now located in another building obtained on a three years' lease from the Madras Diocesan committee at a nominal rent of Rs. 7 per mensem on the condition that the annual repairs are carried out at the expense of the dispensary committee. The building which was in a dilapidated condition has been repaired and altered to suit the requirements of dispensary at a cost of Rs. 326–12–9 with quarters being provided for the Medical Officer on the premises. The dispensary committee tender their thanks to the Diocesan committee for placing the building at their disposal.

Total Treated:—The total number of new cases treated during the year was 11,265 against 11,211 in the previous year. The average daily attendance was 67.95 against 67.3. The very slight increase of 54 cases in the new admissions is due to recrudescence of Influenza, Dengu and other allied fevers etc.

Operations:—571 minor surgical operations were performed during the year.

Income:—The total income of the year from all sources was Rs. 2274-14-5.

Specific funds:—Nil.

Supplies:—European medicines were usually obtained from the Government Medical Stores and minor necessaries were obtained on payment from time to time.

The amount of Rs. 394–6–9 and Rs. 541–1–0 due to the Medical Stores for the purchase of medicines respectively for the years 1921 and 1922 were paid into the Imperial Bank of India, on 21st May and 8th July 1922.

Establishment:—The staff consists of a sub assistant surgeon, a certified compounder and two menials.

Working Hours:—The dispensary is kept open daily from 7 to 10 A. M., except on Sundays.

Administration:—The dispensary is under the management of a special committee. It was inspected by the members of the committee on several occasions during the year.

General Remarks:—The dispensary continues to do its good work to all, in and around San Thome and Mylapore and maintains its popularity as usual. The sub-assistant surgeon, Mr. F. Immanuel Pillai L. M. P. takes great interest in the discharge of his duties and is very popular.

The members of the committee take this opportunity of thanking the Secretary, Madras Diocesan committee, S. P. G. for providing a new building to locate this long-standing dispensary, perpetuating as it does the memory of the late Bishop Strachan, M. D., the founder of the institution. Their thanks are also due to the councillors of the Corporation for their annual grant and to the charitable public of the city of Madras for their benevolent help.

The dispensary statistics are appended herewith.

I have the honour to be,

Sir,

Your most obedient servant,

G. NARAYANASWAMY CHETTY,

Honorary Secretary and Treasurer,
San Thome Dispensary.

St. Thomas Convent Dispensary,
San Thome.
5th April 1923.

From

THE LADY SUPERIOR,
St. Thomas Convent,
San Thome,
MADRAS.

To

THE PRESIDENT,
Corporation of Madras,
MADRAS.

Sir,

I have the honour to forward herewith the annual report on the work of our dispensary during the year 1922 to 1923.

The work is continued with great interest and devotion to procure relief to all of the poor classes and both sexes, the majority being Hindus, though latterly the number of both Eurasians and Muhamadans seems to increase gradually.

The total number treated during the year was 8733, with an average daily attendance of 155. The number of indoor patients comes to 620.

The dispensary is daily opened at the usual hours giving a free welcome to everyone, treating no patients without personal attendance at least for the first time, thereby avoiding every kind of wrong treatment.

There is a large addition to the inmates of the convent on every side, so extra time is allotted to indoor patients who are too ill to move so far as the dispensary.

Doctor Subramany Iyer generously continues his charitable consultation to the inmates of the convent, and the institution bears all the expenses with the kind help given by the Corporation of Madras. We are very grateful towards the fund for its kind donation, but would be still more obliged towards the same, were we to obtain a slight increase.

The relief procured to the poor and the suffering is a real encouragement to continue the work in spite of the difficulties and the high prices of the drugs, and we hope to do more in the future.

I have the honour to be,

Sir,

Your most obedient servant,

MARIE GERONIQUE, F. M. M.

The Lady Superior.

Calvala Cunnan Chettiar's Free Ayurvedic Dispensary TRIPLICANE.

From

M. R. Ry. C. S. NARAYANA Dikshit, Avergal

Physician, C. C. C. F. A. Dispensary

Triplicane

(Through the Secretary, C. C. C's charities)

To

The Commissioner,

Corporation of Madras.

Sir,

I have the honour to furnish herewith a report on the working of the Calavala Cunnan Chettiar's free ayurvedic dispensary, Triplicane Madras during the year 1922–1923.

1. This popular institution was founded by the late Calavala Cunnan Chettiar on the 17th October, 1915. It has been in existence for the past 7 years and more, affording free medical relief to the suffering humanity.

2. This dispensary was first located at No. 53, Tholasinga perumal Koil street, Triplicane. It is now removed to No. 4, in the same street.

3. The total number of patients treated during the year was 73,931 (old and new) against 1,13,124 in the previous year.

4. The average daily attendance was 203 as against 310 during last official year.

5. The institution is being maintained from the funds of the Cunnan Chettiar's charities, the amount received during the year under report being Rs. 3,301–12–4 including the opening balance of Rs. 15–7–4.

6. The Corporation of Madras was kind enough to sanction its yearly grant of Rs 100.

7. The total cost incurred during the year amounted to Rs. 3,201–6–8 as against Rs. 6,418–7–6 during 1921–1922.

The cost per head per day including all charges works up to 8·3 pies.

8. The staff consists of a physician, two compounders, and two menials.

9. The dispensary is kept open daily from 7–45 A.M. to 10 A.M.

10. The year was one of financial stringency. After the demise of the original benefactor Rao Bahadur Dharmamurti Calavala Cunnan Chettiar, there was a curtailment of the monthly grant from the "Charities". The institution lost during the year under report another benefactor Sitamma Garu, wife of Mr. C. Cunnan Chettiar who also took great interest in the working of the institution.

11. Under these circumstances and taking into consideration the useful purpose served by the dispensary, it is requested and hoped that the Corporation will set apart a larger sum towards the contribution of this dispensary.

I have the honour to be,

Sir,

Triplicane 31–5–23. Your most obedient servant,

C. S. NARAYANA DIKSHIT,

Physician.

The Venkataramana Dispensary and Medical School, Mylapore,
24th April 1923.

To

THE COMMISSIONER,

Corporation of Madras.

Ripon Buildings, Madras.

Sir,

With reference to your letter dated 11th April 1923, I have the honour to forward a statement of patients treated at the Venkataramana dispensary, Mylapore, during the year 1922–1923. The number treated for various ailments is 23,400 including operations. The total attendance at the dispensary during the year was 65,095. The average daily attendance was 178 against 180 in the preceding year. A minor surgical department is also worked at the dispensary and the daily attendance in it was 22 which is included in the total attendance 178. All classes of people including Christians, Muhamodans and Audi Dravidas resort to this dispensary. The dispensary is doing useful work and supplies a want in the southern part of the Madras city.

A statement showing the receipts and expenditure of the dispensary during 1922-23 is also enclosed.

I have the honour to be,

Sir,

Your most obedient servant,

A. KRISHNASWAMI AIYAR,

Secretary

Venkataramana Dispensary, Mylapore.

From

M. R. Ry. P. NARAYANASAMY MUDALIAR Avl.,

Secretary, Sri Kanyaka Parameswari Devasthanam Charities,

MADRAS.

To

THE COMMISSIONER,

Corporation of Madras,

MADRAS.

Sir,

With reference to your letter G. D. C. No. 275 of 23 dated 28th May 1923 requesting me to send a report on the working of Sri. Kanyaka Parameswari Devasthanam charities' dispensary situated in Narayana Mudali Street G. T. Madras, for 1922-23, I have the honour to report that this ayurvedic dispensary was the first of its kind opened in 1898 in Madras by these charities. The late Pandit, Gopalacharlu was the first medical officer who was in charge of this dispensary.

2. The medicines required for the dispensary are prepared strictly according to Sastras in the dispensary in separate rooms, set apart for the purpose under the supervision of the head and assistant pandits. There are in the dispensary valuable medicines with gold and silver ingredients.

The following statements are enclosed :—

(a) Statement showing the nature of diseases treated.

(b) Statement showing expenditure.

I have the honour to be,

Sir,

Your most obedient servant,

P. NARAYANASAMY,

Secretary.

To

THE COMMISSIONER,
Corporation of Madras,
MADRAS.

The Madras Society for the
Protection of Children
Madras.

Sir,

As requested in your letter G. D. C. No. 275 dated 11th April 1923, I have the honor to enclose herein a concise report on the working of the Madras Society for the Protection of Children for the Official year 1922–23 with particulars of receipts and expenditure for embodiment in the administration report of the Corporation for that year.

A copy of the annual report for the year 1922 is also herewith sent.

I have the honor to be,
Sir,
Your most obedient servant,
B. MOPURAPPAH,
Honorary Secretary.

During the year 1922–23 the circumstances of thirty three cases consisting of 27 boys and 6 girls were investigated and dealt with.

Of these 33, 17 are in the home 11 were handed over to their guardians and 5 absconded.

The total number in the Society's home at the close of the year was 43 consisting of 28 boys and 15 girls, 10 boys and 4 girls being below and 18 boys and 11 girls above, 7 years of age.

Madras,
28th April 1923.

B. MOPURAPPAH,
Honorary Secretary, M. S. P. C.

Receipt and Expenditure of the M. S. P. C. Home for the year 1922–23.

Receipts.	Rs.	A.	P.	Expenditure.	Rs.	A	P.
Subscriptions ...	1,690	0	0	Establishment ...	2,920	8	0
Government grant	1,810	0	0	Feeding ...	1,464	12	9
Corporation grant ...	600	0	0	Contingencies ...	13 32	14 15	6 6
Educational grant ...	402	0	0	Printing ...	73	4	0
Accountant general ...	220	4	11	Public meeting ...	4	0	0
Miscellaneous ...	138	11	7	Water supply ...	45	0	0
				Building account	314	9	0
				Well work	353	12	0
				Road metal	42	0	0
				White washing .	7	14	0
				Stationery	6	6	6
				Clothing & uniform ...	99	0	0
				Municipal assessment ...	140	9	10
				Quit rent	14	15	0
				Sewing machine ...	96	0	0
				Books & appliances ...	19	15	3
				Tools & wood ...	43	11	0
				Dining plates ...	19	8	0
Total	4,861	0	6	Total ...	5,712	11	4

Madras,
28th April 1923.

B. MOPURAPPAH,
Honorary Secretary M. S. P. C.

90

Report of the Deaf and Dumb School, Mylapore. Inspected on 11th April 1923.

Staff:—The 5 teachers (all trained) on the staff at the last inspection all continue in the school. In addition there is now another lady teacher who is trained elementary higher. Of the 5 old teachers three have certificates of competency to teach in schools for deaf children.

The strength on rolls this year is 13 boys and 23 girls.

The strength last year was 34.

Accommodation:—The class rooms are sufficiently spacious. The sanitary condition is good and the equipment adequate and suitable.

Registers:—In the admission register some particulars are wanting (e.g. date of birth) in the case of some admissions.

Instructions:—In the lowest class the children are just beginning to lip-read. They learn the names of objects, and the corresponding symbols; they also get ideas of orders (conveyed in sentences) and carry these out by the necessary actions. A little number work is also done here. The childern in this class are lively and interested in their work and have made good progress. In the higher classes a good deal of hard work is done in connection with speech, which is the most difficult for the poor children. The pupils in class I recite some nursery rhymes read from the reader and answer questions orally; all this is fair. The boys of class I (a) were tested in simple composition and the results were good. Classes 2 and 4 also were examined in speech work (reading recitation, and oral composition) and the progress made is fair. Written composition showed good work and a simple test at this inspection in class 4 gave good results. In arithmetic the children have made good progress. The work in this subject was found more evenly satisfactory than last year. Geography is taught in the 3 highest classes the work being connected with facts about the Presidency and the general view of India. Map pointing was very fair. Lessons in nature study are given and the children showed a very fair grasp of the elementary notions imparted. Drawing continues to be of much interest and this work is good. Sewing by the girls and other forms of manual occupations are also satisfactory and reflect credit on the pupils and the staff.

Physical training is well attended to, and the Kolattam dance by the girls was nicely done.

The satisfactory standard of general efficiency noticed at the last inspection continues to be maintained and the work done for the unfortunate children is as good as before. The staff is kindly and sympathetic, and the children are

doing well, and appear happy under Miss Mitchell and her assistants. The school is fortunate in having Miss Everard as the head-teacher. Her cheerful disposition, genuine sympathy, and skilful teaching capacity form a valuable asset to the school. The other assistants too deserve praise for the work done.

H. A. HART,

District Educational Officer, Madras.

Tenth Report of the Directors of Sree Chennapuri Ayurveda Pracharini Sabha (Registered under Act XXI of 1860) and the Madras Ayurvedic College & Free Dispensary.

BOARD OF DIRECTORS.

1. Dr. S. Subramani Iyer, L.L.D. Retired Acting Chief Justice, High Court, Madras.

President.

2. Dr. A. Lakshmi Pathi, B.A., M.B. & C. M., Medical Practitioner, 19, Harris Road, Madras.

Managing Director.

3. Sir P. Theagaroya Chettiar, B.A., M.L.C., Zamindar, Madras.

4. Dewan Bahadur Govindoss Chathurbhujadoss Garu, M.L.C., Merchant and Banker, Sowcarpet.

5. Sree Rajah Nayani Venkata Ranga Rao Bahadur Garu, Zamindar of Munagala, 13, Pantheon road, Egmore, Madras.

6. M. R. Ry. N. Pattabhirama Rao Garu, B.A., Retired Dewan of Cochin Hill View, Madanapalle.

The directors have the pleasure to submit their report for the year 1922–1923 on the work and progress of the Association.

The directors regret to record the great loss sustained by the association by the demise of the venerable old Dewan Bahadur K. Krishnaswamy Rao Garu, C.I.E., who was connected with the college from its commencement and whose guidance was always valuable.

During the year under report, there were 46 students on the roll on 1st April 1922 and in July 1922, there were 25 new admissions, 4 into sanskrit section, 5 into tamil section and the remaining 16 into the telugu section.

Twelve students completed their course this year and passed out of the college, out of which 7 are awarded the diploma of Ayurvedabhushara (with 2 in first class) and the remaining 5, the diploma of Bhishagwara (also with 2 in first class).

The college continues to attract the students from various parts of India and Ceylon. Over 250 applications have been received which show the enthusiasm among students and their parents towards the study of Ayurveda. But more students could not be admitted for want of space and funds.

Another important feature of the admissions this year is that most of them are students who have completed their S. S. L. C. course and 3 of them are Intermediate students.

We consider it our duty to record our grateful thanks to the various local bodies, municipalities and taluk boards and district boards, who have helped the college with donations. Many of them have sent their own students and maintain them at their own cost.

During the year under report, the Government sanctioned the opening of Ayurvedic dispensaries, in place of Allopathic dispensaries, if the local bodies preferred to do so. as in the case of Owk dispensary in Kurnool District. As a result of this stimulus, some of the municipalities and taluk boards have opened Ayurvedic dispensaries at stations mentioned below:—

Name of Board.		*Station of Dispensary.*
Taluk board of Bheemavaram.		At Royakuduru.
Municipal Council, Rajahmundry.		,, Mangalvarappet, Rajahmundry.
do	Guntur	,, Guntur.
do	Salem	,, Shevvapet, Salem.
do	Vizagapatam.	,, Vizagapatam.
District Board, Coimbatore		,, Chennimalai.
Taluk Board, Koilkuntla		,, Owk.
do	do	,, Srivel.
do	Proddutur	,, Kamalapuram.
do	Tinnevelly	,, Tinnevelly.
do	Chidambaram	,, Bhuvanagiri.
Municipal Council, Erode.		,, Erode.

The unanimous report of the indigenous systems committee has demonstrated the absolute scientific basis of the indigenous systems of medicine and has urged the Government to render state aid to the movement for the advancement of indigenous systems.

The all India Ayurvedic conference for 1922 was held at Rajahmundry in August last and the opportunity was taken advantage of by about 75 per cent of the students, who attended the conference and had the rare advantage of listening to the learned discourses of the scholars from various parts of India. The directors take this opportunity of thanking such of those of the public of Madras, who have contributed for the expenses of the students to enable them to attend the conference.

The students of this college have an exceptional privilege of preparing all the pharmacopaecal preparations on a manufacturing scale in the factory attached to the Andhra Ayurvedic Pharmacy Ltd., which is an opportunity rarely available to the medical students, even in the universities of Europe and America. Thus they have a first hand training in the preparation of all Sastric medicines, which is so important in the study of Ayurveda.

To suit the convenience of the local bodies, we were obliged to admit students both in July and January and to conduct two examinations in a year.

During the year under report the number of patients that received medical aid in the free dispensary attached to the Madras Ayurvedic college, is 22,958 (old and new) as compared with 19,391 for the year 1921–1922. The attendance would have been far greater but for the fact that sufficient funds could not be provided for free treatment. The directors consider that if sufficient funds are available the number of patients will be much more than what it is now.

The staff of the college and free dispensary consist mainly of honorary workers as during last year most of them belong to the staff of the Andhra Ayurvedic Pharmacy Ltd., whose invaluable help in maintaining this college in its present condition cannot be exaggerated.

We consider it our duty to tender our grateful thanks to the directors of Andhra Ayurvedic Pharmacy Ltd., but for whose help, the administration of the college and the free dispensary during the year would have proved impossible.

Our thanks are also due to the honorary workers, who have most sincerely co-operated with the Principal and have ungrudgingly borne their share of responsibility out of sheer love of Ayurveda at a great personal sacrifice.

The statement of patients showing diseases for which they were treated and the statement of income and expenditure incurred for the year under report are herewith enclosed.

In conclusion the directors feel grateful to the public for the great interest created in the country in favour of the indigenous systems of medicine and consider that this is the most valuable period in the history of Ayurveda for making strenuous efforts towards the advancement of the ancient and neglected source of knowledge. They feel sure that with the change of the angle of vision, further advancement of Ayurveda will be in the hands of responsible Indians, who cannot but have absolute confidence in these systems, which have stood the test of time. The college still stands as an ideal Ayurvedic college for the whole of India, attempting to train students in the ancient system of medicine and imparting to them at the same time, the necessary knowledge in modern sciences, including chemistry, anatomy, physiology and modern surgery and midwifery.

We therefore appeal to the Madras Corporation, to the Local bodies and to the public for more funds, and hope that there will be a generous response.

Sree Channapuri Ayurveda Pracharini Sabha, Principal and Senior Physician,

Madras Ayurvedic College and Free Dispensary.

The Unani Dar-ush-Shifa.

(The Unani Free Dispensary).

Fakir Sahib Street Triplicane,

Madras, 30th July 1923.

From

THE SECRETARY,

The Unani Dar-ush-Shifa

Triplicane.

To

THE COMMISSIONER,

Corporation of Madras,

Madras.

Sir,

I have the honour to submit the following report of the Unani Dar-ush-Shifa (the Unani free dispensary) Madras for Official year 1922-23. The usefulness of this Dar-ush-Shifa to the indigent public can best be proved by the following statistics:—

The Dar-ush-Shifa was established on the 28th April 1922 and the statistics taken from 1st April 1922 to 31st March 1923 show that the total number treated during this eleven months period in the dispensary amounted to 55,493; (new and old) comprising of 26418 males, 19517 females and 9558 children (5158 M. C. and 4400 F. C.). Of this number 42787 are Muslims, 12578 Hindus and 128 Christians. The daily average attendance is 165.65 (Statement A enclosed.)

Staff.—The Staff at present consists of two qualified physicians (passed out of the Quddusiah Unani Tibbe College Madras), three compounders one of whom is deputed to look after the clerical duties pertaining to the Dar-ush-Shifa, and a menial servant. Besides the paid staff mentioned above two reputed Hakims of the city of whom I have the honour to be one and Moulvi Hakim Syed Sha Abdulla Hussain Sahib Raza-ul-Khaderi the other, work as its honorary physicians.

Finance :—The management of this institution is conducted principally by public subscriptions which up to the end of the year under report including the grant of the Corporation which was Rs. 500 amounted to Rs. 3,850 and the expenses amounted to Rs. 3,675-14-0. The financial condition is still very unsatisfactory. The Municipal grant is very limited. It has no substantial fund of its own. In the present state of things it is impossible for any institution of this kind to pull on very long.

For full particulars and other details the annual administration report on the working of the Dar-ush-Shifa for the year 1922 may be referred to.

Diseases treated :—Attached is the general list of the various diseases treated in this Dar-ush-Shifa during the official year 1922-23.

I have the honour to be,

Sir,

Your most obedient Servant,

Hakim Syed Magdoom Ashruff,

Secretary Unani Dar-ush-Shifa Committee.

Statement showing the diseases treated in the undermentioned hospitals and dispensaries during the year 1922-23.

	Names of Diseases.	Hospitals and Dispensaries. Kalyani Hospital.	Calava's Cunnan Chettiar's Free Ayurvedic Dispensary.	Venkataramanan Dispensary, Mylapore.	Sri Kanyaka Parameswari Devasthanam Charities.	San Thome Dispensary.	St. Thomas' Convent Dispensary.	Raja Sir Ramaswamy Mudaliar Lying-in Hospital.	The Madras Ayurvedic Free Dispensary.	Unani Dar-ush-Shifa (The Unani free dispensary) Triplicane.	TOTAL.
Infective Diseases.	Cholera ...	...	...	...	...	...	...	...	1	4	5
	Dysentary ...	168	1,156	1,069	301	514	337	108	131	302	4,116
	Enteric fever ...	3	...	...	..	...	...	...	10	13	26
	Gonorrhoea ...	36	65	698	74	12	16	35	23	81	1,039
	Kala Azar ...	1	...	...	...	...	...	2	...	...	3
	Leprosy ...	...	32	...	...	27	34	...	85	...	178
	Malaria ...	205	786	280	6,646	124	354	1,164	82	266	1,0007
	Plague ...	...	...	...	...	...	...	...	...	...	...
	Pneumonia ...	8	14	...	...	1	...	2	1	40	66
	Pyrexia of uncertain origin ...	608	5,324	2,305	...	536	...	142	1,260	1,153	11,328
	Rheumatic fever and Rheumatism ...	155	649	42	459	479	674	9	24	256	2,768
	Small-pox ...	...	2	...	...	...	17	2	1	...	22
	Syphilis (primary and secondary) ...	16	3	...	49	84	242	12	16	111	533
	Tubercle of the lungs ...	6	48	42	169	5	...	2	3	20	304
	Other Tubercular diseases ...	3	26	...	...	31	89	...	4	...	153
	All other infective diseases ...	...	...	43	...	656	...	20	...	697	1,416
Other General Diseases.	Anaemia ...	283	124	447	401	82	750	88	62	...	2,237
	Diabetes ...	6	63	...	56	10	...	...	12	...	147
	Scurvy ...	...	...	...	...	...	...	...	...	...	...
	New growths { Non Malignant ...	2	...	206	...	...	18	5	26	...	257
	New growths { Malignant ...	6	...	...	...	...	188	11	...	...	205
	All other general diseases ...	1,636	5,874	6,047	1,394	111	162	...	1,597	642	17,463
Systemic Diseases.	Diseases of the nervous system ...	15	768	2,000	876	283	317	9	384	647	5,199
	Diseases of the eye ...	145	826	940	306	153	600	7	110	241	3,424
	Diseases of the ear ...	189	1,136	1,489	2,571	860	684	3	246	176	7,264
	Diseases of the nose ...	48	214	77	88	87	27	...	11	20	477
	Diseases of the circulatory system ...	11	43	145	...	19	194	12	38	336	798
	All diseases of the respiratory system except Pneumonia and Tubercle of the lungs ...	647	3,216	2,061	4,870	1,306	31	574	484	1,383	14,022
	[illegible]ia ...	348	2,826	356	1,054	464	236	...	481	956	6,861
	[illegible]ca ...	305	1,428	48	308	468	666	..	90	448	3,761