

MS-8

18/11/1865

Statement showing the Demand, Collection, Remission, and Balance, an account of the Survey on Country ¹³ ¹⁸⁶⁵

		Demand				Collection					
		1 st 2 ^o	2 nd 2 ^o	3 ^d 2 ^o	4 th 2 ^o	Total	1 st 2 ^o	2 nd 2 ^o	3 ^d 2 ^o	4 th 2 ^o	Total
cars of	1862	"	138	262 8	304 8	705	"	3	3	4 8	10 8
do	1863	1 4	84	286 8	369	740 12	1 4	5 4	24	28 8	59
do	1864	6 8	448 8	1890 12	2171 4	514	6 8	392 4	1614 12	1839	3852 8
For	1865	23	2130 12	335 4	198	277	2813	1920	335 4	198	5266 4
Total		220 12	2801 4	2775	3042 12	739 12	2820 12	2320 8	1977	2070	9188 4

		Remission				Balance						
		1 st 2 ^o	2 nd 2 ^o	3 ^d 2 ^o	4 th 2 ^o	Total	1 st 2 ^o	2 nd 2 ^o	3 ^d 2 ^o	4 th 2 ^o	Total	
Inward of	1862	"	"	135	"	259 8	300	"	"	"	"	
do	1863	"	"	"	"	"	"	78 12	262 8	340 8	681 12	
do	1864	"	"	"	"	"	"	56 4	276	332 4	664 8	
For	1865	"	"	"	"	"	"	210 12	"	"	210 12	
Total		"	"	135	"	259 8	300	"	345 12	538 8	672 12	1557

Municipal Commissioners Office
Madras 31st December 1865

[Signature]

[Signature]
Collector of
Municipal Rates & Taxes

Statement showing the Actual Demand Collection Remission on account of Assessment for the Year 1865

Demand						Collection						
1 st Division	2 nd Division	3 rd Division	4 th Division	5 th Division	Total	1 st Division	2 nd Division	3 rd Division	4 th Division	5 th Division	Total	
Arrears Anterior to 1864	470 12 8	409 12 5	315 9 10	2471 2 9	5578 5 11	9295 11 7	322 9 8	223 4 "	170 6 3	1576 6 6	2603 8 3	4896 2 8
Arrears of 1864	10274 10 2	7859 3 8	8103 13 3	29449 11 4	60376 5 6	116063 12 10	8338 6 3	6505 4 1	6699 7 "	25083 15 5	53987 8 7	100614 9 4
For the Year 1865	59868 10 9	41810 11 1	18228 3 6	42131 8 3	66238 10 2	228777 11 9	53285 7 7	35805 3 9	12315 2 1	20885 1 9	19281 8 5	141572 7 7
Total	70614 1 7	50079 11 2	26697 10 7	74552 6 4	132193 5 7	354137 4 2	61946 7 6	42533 11 10	19184 15 4	47525 7 8	75872 9 3	247083 3 7

Remission						Balance.						
1 st Division	2 nd Division	3 rd Division	4 th Division	5 th Division	Total	1 st Division	2 nd Division	3 rd Division	4 th Division	5 th Division	Total	
Arrears anterior to 1864	6 14 1	15 8 7	72 11 6	40 12 6	147 5 6	283 4 "	141 4 11	170 15 10	122 8 1	853 15 9	2827 8 4	4116 4 14
Arrears of 1864	1172 8 11	882 4 1	717 7 9	1557 7 5	1698 14 10	6028 11 "	763 11 "	471 18 6	486 14 6	2808 5 3	4689 14 1	9420 8 6
For the Year 1865	" " "	" " "	" " "	" " "	" " "	" " "	6583 3 2	6005 7 4	5913 1 5	21746 6 6	46957 1 9	87205 4 2
Total	11797 "	897 12 8	790 3 3	1598 3 11	1846 4 2	1311 15 "	7488 8 1	11648 2 8	6722 8 "	25408 11 8	54474 8 2	100742 1 7

Municipal Com^r Office
Madras 31st December 1865

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Munis
Collector of Municipal Rates & Taxes.

B

Statement Shewing the Actual Demand, Collection, Remission, & Balance, an account of Wheel Tax on Spring Vehicles and Animals in 1865

	Demand					Collection				
	1 st 2 ^{re}	2 nd 2 ^{re}	3 rd 2 ^{re}	4 th 2 ^{re}	Total	1 st 2 ^{re}	2 nd 2 ^{re}	3 rd 2 ^{re}	4 th 2 ^{re}	Total
Appears of	1862	188 1/4	115 8	130 8	222	5 4	8 4	7 8	9	30
do	1863	100	173 4	173 8	243	19 12	20 4	16 8	72	128 8
do	1864	500 12	1116 12	3734 8	10938 12	361 4	871 8	3434 8	10373 7	15040 11
For the year	1865	11,157 8	10,678 12	10,101 8	31,937 12	10,587 3	9842 5	7179 11		27,609 3
Total		12,072 8	12,084 4	14,140	11,403 12	49,700 8	10,973 7	10,742 5	10,638 3	42,808 6

	Remission					Balance				
	1 st 2 ^{re}	2 nd 2 ^{re}	3 rd 2 ^{re}	4 th 2 ^{re}	Total	1 st 2 ^{re}	2 nd 2 ^{re}	3 rd 2 ^{re}	4 th 2 ^{re}	Total
Appears of	1862	183	107 4	123	213					
do	1863			14 4	14 4	140 4	153	142 1/4	156 12	592 12
do	1864	2 4	5 4	42	220 5	203 4	240	258	345	1046 4
For the year	1865	220 5	268 11	181 5	670 5	350	567 12	2740 8		3658 4
Total		405 9	381 3	300 9	447 9	1594 14	693 8	960 12	3141 4	5297 4

Municipal Commissioners Office
Madras 31st December 1865

Munis
Collector of the Taxes
Municipal Rates and

108

Joseph. President

Quindici

Send Aken

Uhlenau

Jancy Jahan Khan

Tandanaodyanos

Municipal Commissioner
for the Town of Madras.

Examined & found correct
J. Arnold
Auditor

Handwritten signature

View of the Municipal Fund as it stood on 31 Decr 1865.

Assets:

Cash in the Banks of Madras	21692 14 3
" with the Cash Keeper	27 12 2
Government Securities	37300 " "
Value of Office Premises	24000 " "
Amounts of Assessment	100712 1 7
do. without Tax	6852 1 4
Advances Recoverable &c	5079 2 8
Amount due by Government &c	404 15 11
	<u>233860 15 2</u>

Liabilities:

Amount due to Income Tax Commissioners, being
sum recovered from salaries during past years, for
which bills have not been presented by Income
Tax Collector

207 12 6 232943 2 8

But as the Commissioners considered it desirable
that they should know how much they were at
liberty to expend upon Grazing of Cattle, & on
Markets & Slaughter Houses, Military & Government
Roads, and Town Improvements, they resolved
upon 28 Septemr 1865, that as their proposed
sources of revenue strictly their own, separate
accounts should be opened in the Books for
them. The result is, that the under-noted
Debit and Credit Balances of these Accounts
appear in the Commissioners' Books as
Liabilities & Assets of the Fund, though in
reality they are not so. The sum shown above
therefore differs from the Balance at credit of
the Fund, as for the Books of the Commissioners,
by the difference between these Balances vizt.

Credit Balances or Nominal Liabilities:

Markets and Slaughter Houses	5716 1 1
Military & Government Roads	17500 2 5
Town Improvements	33892 1 14
	<u>57108 4 10</u>

Debit Balance or Nominal Asset:

Grazing Ground & Revenues	324 5 14
Deduct	

56783

Balance at credit of Municipal Fund as per Books

176159 3 2

Municipal Commissioners Office
Madras 31 Decr 1865

A. Ray
Cash Keeper

Comptroller
Auditor

Received
Narasimha
S. Sundaram
M. S. S. S.
Janay Jahan Khan
Municipal Commissioners for the
City of Madras

Dr

Statement of actual Receipts and Disbursements by the
Brought forward 4,18,471 . 6

Rs 4,18,471 . 6

Municipal Commissioner's Office
Madras. 31 December 1885.

H. K. J.
Book-keeper.

Municipal Commissioners during the year 1865.

C^r

		Brought forward	85.644 12 11
By Markets and Slaughter Houses.			
Markets. Establishment	765.10.3		
Repairs	324.9.4		
Clothing to Constables & Pions at the General Market	78.13.2		
Sundries	55.12.0	1229 12 9	
Slaughter Houses. Establishment	2,714.12.1		
Repairs	708.11.2		
Sundries	168.5.2	3596 12 8	4,826 9 5
Repair & Maintenance of Government Roads.			32,293 13 7
Roads. Repairs	80,498.5.2		
Improvements	877.11.1	81,798 0 3	
Surplus of Sale of materials of houses and cost of removing Rubbish		202 1 0	81,595 15 3
Leaving. Hire of Bullocks & Drivers.	33,234.5.4		
Pay of Establishment	24,280.14.5		
" Publick Boat. do	4,211.6.1		
Construction & Repair of Carts	2,808.5.4		
Cleansing of Parochial Drains & Sewers	1,874.14.2		
Excavating trenches for burying rubbish	1,202.10.5		
Wood purchased for making Carts &c.	1,004.10.6		
Sanding latrines	896.15.4		
Constructing Publick Boats	650.0.0		
Land purchased for Publick Repairs	433.0.0		
Constructing Rust Bases	302.8.0		
Ground Rent of Publick Repairs	189.8.0		
Tolls on Publick Boats	142.10.0		
Constructing Cart sheds	77.4.0		
Miscellaneous	248.1.4	76,604 1 9	
Thumping Drains		1,338 2 3	
		77,942 1 12	
Surplus of Sales of Rubbish	3,272.6.0		
Received on account of Lamentable			
Accident & Mutual Benefit realized by sale of unseemable articles	263.12.0	3,536 2 0	74,406 2 0
Trevilian Waterworks.			
Cost of Establishment		94 10 3	
" Fuel & Contingent Expenses		1,917 5 3	
Repairs		384 0 5	3,160 15 11
Watering.			
Hire of Bullocks, wages of Cornepillars and Rickmen, and repair of Carts		2,119 10 2	
Contribution for watering the North Beach Road		910 0 0	3,029 10 2
Works.			
New. Constructing Drains & pits &c.	39,248.13.5		
Drain Tiles purchased	7,357.13.6		
Constructing latrines	2,515.12.3		
do Wells, Cisterns &c.	374.11.6		
Asphalt purchased	247.8.0		
Miscellaneous	72.7.2	49,817 1 10	
Repairs: Drains	7,080.14.6		
Latrines	191.1.11		
		7,271.6.5	
Brought forward		49,817 1 10	284,997 15 3

Dr
Statement of actual Receipts and Disbursements by the
Brought forward 488471 . 6

W. M. B. B. B.
B. M. B. B. B.

Brought forward 488471 . 6

MADRAS RECORD OFFICE.

Government of Madras.

Rublia DEPARTMENT.

G.O. No.	<i>1316</i>	Press
		~~Mis.~~
Dated	<i>29/12</i>	18 <i>66</i> .

Not to be folded or roughly handled

1316

Proceedings of the Madras Government, Public Department,

29th December 1866.

No. 109. Read the following Proceedings of Government in the Public Works Department, dated 19th December 1866, No. 3995.

Communicating report from the Executive Engineer, Presidency, and the Superintendent of Gas Works on the proposed alterations to the Gas Works in Fort Saint George. (Vide Proceedings, Public Works Department, dated 19th December 1866, Nos. 366 & 367.)

No. 110. ORDER THEREON, 29th December 1866, No. 1316.

To be recorded.

(Signed) A. J. ARBUTHNOT,
Chief Secretary.

Ed. J. Tulloch.

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*Proceedings of the Madras Government, Public Works Department,
19th December 1866.*

No. 366. Read the following letter from the Superintending Engineer, 4th Division, to the Secretary to Government, Public Works Department, dated Madras, 27th November 1866, No. 3,372 :—

With reference to paragraph 2 of G. O. No. 1,920, dated 20th June 1866, I have the honor to forward a full report by Doctor Wyndowe, Superintendent of Gas Works, and Captain Goddard,

1 Report.
13 Plans.
1 Estimate.

Executive Engineer North Range, Presidency District, on the existing Gas Works, and on the proposed additions, accompanied by plans and explanatory drawings, showing the Gas Manufactory in all its details.

From the Executive Engineer, Fort Range, and the Superintendent of Government Gas Works, to the Secretary to Government, Public Works Department, dated Madras, 15th November 1866, No. 57.

We have the honor to submit the project called for in Government Order No. 1,920, dated 2nd June 1866.

1. The plans and explanatory drawings accompanying comprize, first, a general plan marked A, showing the site of the present Gas works, the existing works in plan, and the proposed additions; second, diagrams B and C, showing detail of manufacture of gas at present in use, viz., mixed coal and oil gas; third, the remaining plans have reference to the proposed extensions, and consist of D, a general site plan showing the proposed additions at the gas works, and E, F, G, and H, details of the above additions. Plans I, J, K, L, M, exhibit the mains and service pipes, &c., for proposed extension of gas lighting to the Recreation and Reading-rooms, Mess House, Family Barracks, Government Office, and Saint Mary's Church.

Detailed and abstract estimates, with specifications for the whole of the proposed estimates, are also herewith forwarded.

2. Diagrams B and C are sufficiently explanatory of all the details of the existing works, the gas at present manufactured being mixed coal and oil gas in the proportions sanctioned by Government in its Order No. 977, dated 20th September 1865. The process of manufacture differs in no important way from that pursued in other works.

3. The now proposed additions being much more extensive than those originally intended, have necessitated several additions at the Gas Works which were not originally estimated for, these additions are necessary to the daily supply of gas in sufficient quantity to ensure the illuminating power the Government are desirous should be furnished. Such are the extra bench of retorts, and new hydraulic main additions to the condenser and purifying apparatus, as also a larger gas bell and tank.

4. In the comparison between the burners used in Fort William and Fort Saint George, made by Colonel Dickens in his letter No. 547, dated 31st May 1866, paragraphs 5—12, it appears not to be understood that the gas used in Fort Saint George is a mixture of coal and oil gas, not as in Fort William of coal gas only. The gas itself is quite sufficiently illuminating, and the burners in use now are those procured from Calcutta, and are the ordinary bat's wing burners, with which it would not be possible to produce a thin straight pillar of flames. The result of an inspection of the lights and buildings by an Engineer Officer, an Officer of the 60th Rifles, and the Superintendent of Gas Works, lead to the conclusion that the present defective lighting was due to three causes, viz., insufficiency in number of lights, the bad position of the lights, and want of proper protection from the wind; it appeared to be the unanimous opinion that the light from a single burner was in itself sufficiently illuminating. In the accompanying project the first of these defects is removed by the addition to the number of burners in each room, occasioning a daily consumption of 15,000 cubic feet instead of 10,000, as originally calculated; the second defect will also be remedied as far as the position of the punkahs will admit; the third defect is already being removed by enclosing

Proceedings of the Madras Government, Public Works Department.

19th December 1866.

each light in a glass lantern, these lanterns are made up at the works at a cost of Rupee 1-5-0 each. We believe that these arrangements will, when carried out, afford the illuminating power required.

5. The prices entered in the estimates were furnished recently through Messrs. Short & Co. from a Birmingham manufacturing firm. The abstract estimate shows the cost of the proposed extension will be Rupees 65,000 but little in excess of that originally furnished, although the revised additions are much more extensive; this is owing to the reduction in rates.

6. In paragraph 10 of Colonel Dickens' letter, attention is drawn to the differences in rates at which gas is procurable at Madras and in Calcutta and Dinapoor, the explanation of this is simple, it is due to the differences in price of coal, in Madras it is 25 Rupees a ton, in Calcutta, I believe, 15; the addition of oil also increases the price per 1,000 cubic feet, but the mixed gas is more illuminating and does not require so large a consumption to each burner, the difference in fact is very small; and as regards Dinapoor, in favor of Madras, the following calculations (in round numbers) will prove this:—

	Rs.
Actual expenditure up to date rather less than	20,000
Cost of proposed extensions	65,000

Total... 85,000

Interest on this sum at 8 per cent. per annum being 5 per cent. interest on capital, and 3 per cent. for wear and tear, is Rupees 6,800 or 566-10-8 per mensem.

	RS.	A.	P.
Interest on Capital...	566	10	8
50 Tons of coal, at 25 Rupees per ton	*1,250	0	0
96 Maunds of oil, at 3½ Rupees a Maund	*336	0	0
Salary of Superintendent...	100	0	0
Do. Establishment ..	100	0	0

Total... 2,352 10 8

* The quantity required to produce 450,000 cubic feet of gas, the probable monthly requirement. The cost the fore per 1,000 cubic feet will be Rupees 5-3-0, say Rupees 5-4-0; at Calcutta it is 5 Rupees; whilst at Dinapoor the estimated cost is Rupees 7.

No. 367.

ORDER THEREON, 19th December 1866, No. 3,995.

MILITARY WORKS, No. 23.

Ordered to lie over with reference to the Orders of Government under date the 1st instant, No. 3,832.

(True Extract.)

Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 4th Division.
,, Public Department.
,, Military Department.
,, Superintendent Government Gas Works.

Exd. S. T. Augustin.

No 12 "New 1866" 59 V2D.

Public 1887 1888

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Prognostic 1887 1888
No. 3495-

219 } Dec 1887

No 1615-

Containing report from
the Board of Survey & the
Supt. of Prisoners, with
proposed alterations to
the Law books in 1887

219 } Dec 1887 1888
No. 3495-