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Archives I 10,006 16-8-77

(1) Number of pages 184 Pages

(2) Date of repair 6.1.87

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W. DEPARTMENT

G.O. No. / B.P. No.	1919 (W).	Press. / Mis.
Dated	22.7.1879	197 .

SP

to be folded or roughly handled

1913

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

22nd July 1879, No. 1,013 W.

Buildings and Roads.
Civil Works.

Read the following papers :—

No. 136. From F. N. THOROWGOOD, Esq., M.I.C.E., Superintendent, Madras Harbour Works, to the Secretary to Government, Public Works Department, Buildings and Roads, dated Madras, 11th June 1879, No. 13 W.

I have the honor to forward the statement of expenditure for the month of May 1879.

Statement of Outlay on the Madras Harbour Works to 31st May 1879.

Heads of Expenditure.	1879. Cost for April.	Cost for May.	Additional Cost as per Supplemental Accounts for March.	Total Cost to end of May.	Total.	Estimate.	Remarks.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	
Preliminary Works.							
Marine Surveys	..	..	..	6,103 2 6	..	..	
Railways—							
Rails from England	..	..	..	1,36,698 14 11	..	..	
Sleepers	..	..	..	30,402 7 6	..	..	Further expenditure on Railway extension is shown below, not as a preliminary work. See A below.
Formation	..	..	..	60,020 5 1	..	..	
Block Ground, original cost	..	..	..	45,037 15 5	..	..	The "Block grounds" are kept separate to show how much has been spent on the South Pier ground.
Do. Extension Pier	..	2,196 14 10	..	8,386 1 2	..	..	
Buildings	..	85 7 3	..	68,274 14 6	..	..	
Tools and Plant (see also Establishment Works)							
Locomotive Engines	..	..	..	55,171 2 8	..	..	
Rolling stock	..	..	..	26,693 11 10	..	..	Note.—As it is desirable to keep preliminary works quite separate from construction, and at the same time necessary to keep Tools and Plant as a head by itself in accordance with the rules of the Public Works Department, the expenditure on Tools and Plant used in actual construction will also be shown in future statements.
Floating Plant	..	..	..	1,48,394 3 3	..	..	
Machinery, Cranes, &c.	..	..	..	2,62,751 14 2	..	..	
General Tools	..	..	..	31,649 8 9	..	..	
	..	1,4028 13 7	..	..	..	..	
Office Furniture	..	..	..	4,079 14 9	..	..	
Total for Preliminaries	..	..	..	..	8,05,537 13 3	8,00,00	
Construction Buildings.							
6,000 Blocks made	27,911 13 3	13,496 14 3	650 8 5	7,08,964 0 3	..	..	
	9 4 0	258 2 6	..	..	..	..	
Credit by 2,[illegible] Blocks used in North Pier and 1,786 ditto ditto	..	..	..	5,39,708 0 0	..	..	
Cost of 713 [illegible] of 10 cubic yards and 249 blocks 14 cubic yards or 10,000 cubic yards	..	..	..	..	1,40,118 0 3	..	
Construction of Pier.							
North Pier.							
First Embankment	..	..	..	1,79,696 4 6	..	..	
Earthwork						..	
166,6[illegible] cubic yards	22,328 5 6	22,306 9 7	1,100 6 6	2,26,314 3 3	..	..	The base extends 600 feet beyond block work.
	..	810 3 2	..	..	..	..	
Railway Extension	..	1,198 0 0	..	1,225 4 6	..	..	
Land	..	3 0 0	..	..	..	..	Note A.—The cost of "Land" for quarrying public has as now shown, also the cost of lately acquired quarry land.
	..	610 3 2	..	610 3 2	..	..	
Stone Concrete Blocks	..	..	..	2,10,301 0 0	..	..	

Setting 600 [illegible] Blocks [illegible]	2,104 11 7	2,051 2 10	..	78,301 13 4	5,05,[illegible] 8 3	5,56,308	Estimate to 1,710 feet from present H. the length remaining being 1,100 feet.
South Pier.	..	..	..	..	..	11,30,305	Estimate of the remainder.
Surf bank complete	..	..	..	67,827 9 3	..	..	
Rubble Base.							
101,203 Tons of stone	21,441 7 9	30,159 0 1	..	2,08,080 14 1	..	..	Base extended 600 feet beyond block work.
	..	610 3 2	..	..	..	..	
Railway Extension	..	..	..	..	..	..	
Land	..	610 3 2	..	610 3 2	..	..	
1,736 Concrete Blocks	..	..	..	2,10,301 0 0	..	..	
	..	..	..	..	5,82,621 9 5	5,96,270	
	..	..	..	..	..	2,00,586	Estimate for 1,100 feet from H (completed), the length remaining being 1,200 feet.
Setting Concrete Blocks 1,208 [illegible] Pearl Rock	3,117 1 13	4,922 9 3	..	84,741 14 11	..	11,30,305	Estimate from 1,100 to 1,736 (now in progress)
	240 0 0	..	..	..	..	..	Estimate for remainder.
Two Light-houses	..	..	..	..	..	60,000	
Superstructure.							
Foundation course, North of Harbour	2,156 0 11	2,430 4 1	..	31,338 14 6	..	..	
Intervening Space	..	29 7 0	..	29 1 0	..	..	
Groynes to Pier (old)	..	..	..	..	..	..	
Other charges	486 3 7	2,912 10 4	..	16,186 5 5	77,321 4 11	4,91,379	Charges on South Pier Block ground.
	..	1,470 3 10	..	..	..	..	
Establishments.							
Salaries	2,952 15 6	3,166 2 3	..	1,67,804 0 8	..	..	
Office Contingencies	14 4 6	10 4 4	..	2,699 13 10	..	..	
Travelling Allowances	68 1 0	81 8 3	..	21,490 15 6	..	..	
Medical	..	..	64 15 3	306 14 11	..	..	
Subsistence to Surveys	462 3 7	520 0 10	..	6,602 9 11	1,99,281 4 10	2,45,685	
	3 0 0	..	..	..	..	..	
Add for Mr. Parkes' estimate for extra [illegible]	..	..	..	..	..	2,00,000	
Total, Expenditure on Works	94,359 10 11	1,21,695 0 6	1,961 7 8	..	27,30,646 0 6	58,30,730	
Movements in Stores.							
Cement, English	..	..	..	1,021 5 6	..	..	Stores.—These amounts represent the value of the materials in store at end of May.
Do. Indian	..	..	..	20,324 10 10	..	..	
Coal	..	..	..	27,991 13 8	..	..	
Timber	..	..	..	3,405 1 6	..	..	
Iron and Steel	..	..	..	15,517 2 6	..	..	
General Stores	..	..	..	12,682 14 5	..	..	
Plant gear for machinery	..	..	..	7,006 0 0	93,136 9 11	..	
Total	94,359 10 11	1,21,695 0 6	1,961 7 8	..	28,23,782 10 4	..	

(Signed) F. N. THOMWOOD,
Superintendent, Madras Harbour Works.

12th June 1879.

No. 135-A. From the same Officer, dated Madras, 19th July 1879, No. 24 W.

I HAVE the honor to submit herewith the statement of expenditure on these works up to the end of June 1879.

2. It will be seen that the cost of construction of the North Pier to 1,710 feet from the point B was estimated at Rupees 8,96,688, whereas the actual cost is shown as Rupees 9,22,629 to 1,706½ feet.

3. The difference between these two amounts is Rupees 25,941, which represents the cost of rubble base for 160 feet instead of the block work. The estimate cost of such a length of rubble base would come to Rupees 31,200, so we may consider that the length of 1,710 feet of the North Pier has been constructed well within the estimate.

STATEMENT of Outlay on Madras Harbour Works to 30th June 1879.

	1878.						
	Cost for May.	Cost for June.	Total Cost to end of June.	Total.	Estimate.	Remarks.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	
PRELIMINARY WORKS.						
Marine Surveys ...	..	..	8,991 2 2			
Railways—						
Rails from England	..					
Sleepers ...	..					
Formation, &c. ...	..					
Block Groynes, original ...	..					
Do. Repair Stock ...						
Buildings	2,113 4 10					
	85 1 2					
Office Furniture ...		46 1 0				
Total for Preliminary Works.	1,226 13 7					
CONSTRUCTIVE WORKS.						
Materials.						
3,282 Cubic feet made ...	45,169 14 3	19,886 6 1	5,60,902 11 9			
Credit by 2,013 blocks used in North Pier and 1,269 in South Pier.	258 3 0	927 10 7	5,14,165 5 5			
Cost of 741 blocks of 16 cubic yards and 213 blocks of 12 cubic yards or 15,012 cubic yards.			1,38,949 12 9			
Conservancy of Port.						
Dredging ...						
Sand bank protected ...						
North Pier ...			1,76,605 4 8			
Rubble Base—						
143,440 tons late-rite ...	28,696 4 7	11,026 10 3	3,53,810 4 6			
Railway Extension.	610 3 2					
Land	1,928 3 8					
	0 3 0	7,491 14 2	9,217 7 0			

STATEMENT of Outlay on Madras Harbour Works to 30th June 1879—*contd.*

	1878.					
	Cost for May.	Cost for June.	Total Cost to end of June.	Total.	Estimate.	Remarks.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	
CONSTRUCTIVE WORKS—*contd.*						
North Pier—contd.						
Rubble Base—						
Land	610 3 2	..	610 3 2			
2,013 Concrete Blocks ...	..	..	2,51,033 0 0			
Setting do. 1,706½ lineal feet.	2,281 5 10	4,052 2 1	32,410 8 11	9,25,389 3 0	8,96,688	Estimate to 1,710 feet from point B, the length reached being 1,706½ feet.
	..	3 5 6	..	..	..	
South Pier.	..	..	..	..	11,39,305	Estimate for remainder of pier.
Surf bank complete ...	..	..	67,327 9 2			
Rubble Base—	..	..	..	..	..	
108,440½ tons late-rite.	38,159 0 1	16,296 7 0	2,21,389 5 1			The base extends 675 feet beyond block work.
Railway Extension.	810 3 2	..	..			
Land	610 3 2	..	610 3 2			
1,833 Concrete Blocks ...	..	..	2,07,133 3 6			
Setting do. 1,827 lineal feet.	4,922 9 3	5,783 2 1	56,504 1 0	6,06,969 2 8	8,06,688	Estimate to 1,710 feet from point B, the length reached being 1,827 feet.
	..	..	..	..	11,39,305	Estimate for remainder.
Two Light-houses ...	..	..	..	..	60,000	
Conservancy—						
Protective works, North and Basin of Harbour	2,430 4 1	1,760 0 7	86,073 11 7			
Intercepting sewer ...	29 1 0	862 0 7	891 2 7			
Other charges ...	2,312 15 4	1,503 3 7	47,971 11 6	82,068 15 6	4,87,879	Of this 3,120 lineal feet is composed of heavy lines of expenditure on 1874 and remain beyond just 4 mile next month.
	1,670 3 10	0 3 0	..	..	..	
EXTRAORDINARY.						
Salaries	2,165 0 0	2,402 0 0	5,22,801 4 2			
Office Establishments ...	10 4 4	80 2 0	7,043 13 10			
Travelling Allowances ...	66 8 0	147 15 0	21,628 12 1			
Medical Establishment ...	30 0 10	70 15 1	7,515 4 ..	5,58,921 8 [illegible]	[illegible],05,000	
Add to Mr. Parkes' estimate for extra public ...	..	..	..	..	2,00,000	
Total Expenditure on Works ...	1,21,665 0 8	93,607 5 4	..	25,04,163 5 0	58,60,700	Total estimate.
MATERIALS IN STORE.						
Cement, Portland ...	..	..	[illegible] 4 [illegible]			
Do. Indian ...	..	..	[illegible] 4 [illegible]			
Sand	..	..	[illegible] 0 [illegible]			
Timber	..	..	[illegible] 0 [illegible]			
[illegible]	..	..	[illegible] 4 [illegible]			
[illegible]	..	..	[illegible] 0 [illegible]			
Total ...	1,21,665 0 0	93,607 5 4	..	25,04,163 5 0	..	

MADRAS,
19th July 1879.

(Signed) F. S. THOROWGOOD,
Superintendent, Madras Harbour Works.

To the Superintendent, Madras Harbour Works,
" Examiner of Public Works Accounts.

Asst. P. C. Bunker,
Comptr.

No. 105

GOVT. OF MADRAS. } 1879.

SECRETARY.

Fort St. George, 21st June

OFFICE NOTE

To

No 105 of 16

6.

As this is the f

statement furnished

the last No. Harbo

No since the fu

Rs 1218 W dated

April 79 I send it

to you for check a

return.

8

Rs 6

No 241 of 1897

At present five states
vents are furnished monthly
to Capt. of the ottay on the
Baden Baden Work, and
by the Capt. Baden Baden
Works and mailed by yourself
to us the first case,
difference procedure exist
between the statements, and
it not be advisable that
one statement should be in
future submitted, prepared
conjointly by your Capt.

TO H.

YES. TO THIS END, I WOULD

SUGGEST THAT THE STATEMENT BE PRE-

Aan Burgemeester en Wethouders van Breda.

CONTINGENCIES

ESTABLISHMENT

CONTINGENCIES

ESTABLISHMENT

MATERIALS IN STORE

PRELIMINARY WORKS

_____

_____

_____

_____

_____

_____

_____

TOOLS AND PLANT USED ON PRELIMINARY WORKS

_____

_____

_____

_____

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_____

_____

CONCRETE BLOCKMAKING

_____

_____

_____

_____

CONSTRUCTION OF PIERS

To Brickell Esqr

Ex: Esq: Vizagapatam dear

Sir

I have already mentioned
y Vizagapatam had to have y repairing
to have an early payment y the money due
to me on account y the Expences incurred
by me for Contracting Eile Gauge and
Mein Gauge. But you have not as yet paid
me the amount as required. It is more
than one year that I made over the works
to you after getting them properly completed
according to the terms y the Contract I
entered into. I hereby inform you that
that your withhold y the payment y the
Sum in question hinges on me great loss
I therefore request you will be good enough
to pay me the amount without any
further delay.

I am
Vizagapatam
15th June 77

Sir
Your

Executive Engineer

Engineer & Surveyor

Executive Engineer

Executive Engineer

Sub Divisional Officer

Executive Engineer

Executive Engineer

Sub Divisional Officer

Executive Engineer

Executive Engineer

Sub Divisional Officer

From

The Secretary
Naini Tal

To

The Collector
Nainital

Memo No 2914/XIII(2)
Dated

Subject - Land C

Reference to — Govt

Caution of Govt — you

Payment of money

due on account of

the Government —

3/12.4

P.T.O.

Mahomed Ismail

Public Works Department

Statement of Works not Completed during the past year and for which no Funds have been provided in the Budget for 1879-80

No.	Name of Work	Amount Allotted for 1878-79	Amount Expended	Date of Sanction	Total expenditure to end of March 1879	Amount remaining unexpended	Amount required	Remarks
	Cuddapah District							
	Ongole							
1	Construction of Cart Road to Post Office at Markapoor	200	200	G.O. No 2650 of 26th June 1878	46	199	199	
	Total Ongole							199
	Nellore							
1	Earth Embankment at Kandukoor	29 000	1860	G.O. No 2598 1878 of 27th June 1878 & No 1851 of 1879	28 [illegible] 15 6	1,116	1,116	
2	Repairing Sluices Regulators Embankments and Roads and building a Bungalow	700	500	G.O. No 1883 of 27th June 1878	391 2 8	349	349	
3	Salt Godown at Kavalee	35 000	2400	G.O. No 2593 of 27th June 1878	30 381 5 1	2,689	389	Rs 2300 are allotted in the Provincial Budget for 1879-80 and the remainder will be applied for.
	Total Nellore							1,854
	Guntoor							
1	Construction of Godowns at Bapatla	700	-	G.O. No 730 27th March 1878	254 - -	46	46	
	Total Guntoor							46

Superintending Engineer's Office
Bellary 28th April 1879

for Chief Engineer P.W.D.
Madras

Mahomed Ismail
Superintending Engineer 2nd Circle

Estimate
of Architect & Engineer
Fees and Charges
for
Office Building
Post Office
&
Court House
at
Hartford
Conn.

Estimated Probable
Cost of Building
Post Office
Court House
Special Fees for Heating
Ventilating & Elevator
for 1879-80.

$ 1.00

1879-80.

From

The Executive Engineer

Eng Circle

To

The Chief Engineer,

B&O

Nasik

Dated 28th April 1879

No

Sir,

I have the honour to submit herewith Provincial Budget for 1879-80 in duplicate for your favourable sanction.

Yours

Obedient Servant

Executive Engineer Eng Circle

Statement showing how funds allotted for the Public Works Department for the year 1879-80 were expended on the 31st March 1879 in the Bellary District

20

Sketch.	Allotment Orders granting allotment for 1878-79	Allotment Orders granting allotment for 1878-79.	Work	Estimated Cost	Expenditure up to 31st March 1879	Remarks.
Sanctioned.						
Road from Bellary Cantonment to Hospet						
1st Class for the carriage of Artillery						
2nd Class for the carriage of Cavalry and Commissariat stores to the Cantonment of Bellary						
3rd Class for the Public Conveyance of Regiment of Bellary						
Total Sanctioned						
Remarks.						
Work up to the Bellary Cantonment						
Total Remarks						

Office,
Old Colony Railroad Company,
Boston,

Old Colony Railroad Co.
in account with
Commonwealth of Massachusetts,
Dr.

To Cash paid Treasurer of Commonwealth for net earnings of Old Colony Railroad for the year ending Sept. 30th 1880, viz: Old Colony Railroad proper, $ 1,000,000.00

Old Colony & Newport Railway, 200,000.00

Old Colony Railroad Company, $1,200,000.00

Statement I

Statement showing the works sanctioned but not completed up to 31st March 1879.
and for which funds are required for expenditure in 1879-80.

Name of Work	Amount of Sanction and Estimate	Expenditure up to 31st March 1879	Balance of Estimate	Amount required for 1879-80	Remarks
Salt Road from the Canal to the Rock and Road thence to the Flat from Salt	5940	S.O. No 1201 of Dated 1876.	5883 12 11	2056 38	2056
Total Imperial					2056
Imperial Construction of Anglo Vernacular School at Cuttack	9200	S.O. No 1056 of Dated 1877	7369 99	1830 63	1830
Total Provincial					1830

Acting Executive Officer
Balasore 30th April 1879

Sd/- B. Smith
Executive Engineer

Examined.

Sd/- [illegible]
Executive Engineer 2nd Class.

Certified
Superintending Engineer 2nd Circle.

Statement No I.

Statement showing the works sanctioned but not Completed upto 31st March 1879 and for which funds are required for expenditure in 1879-80.

Works.	Amount of Estimate	Number and Date of Sanction	Expenditure upto 31st March 1879	Balance of Estimate	Amount required for 1879-80	Remarks.
Nellore District.						
Provincial.						
Constructing 2nd Class Taluk Cutcherry at Venkatagiry	12,950 ✓	G.O. No 1938 of 8th July 1875. ✓	12,147/8	802/8/0	634 ✓	Rs 169 have been provided in the Budget of 1879-80. and the amount now applied for is required to complete the work.
Constructing 1st Class Taluk Cutcherry at Rapur	29,650 ✓	G.O. No 3229 of 12th August 1875 ✓	32179 4 3	. . .	2,240	A revised Estimate will be submitted for Sanction.
Carried forward					2,874	

28

No.	Works.	Amount of Estimate	No. and Date of Sanction	Expenditure up to 31st March 1879.	Balances of Estimates.	Amount required for 1879-80.	Remarks.
	Brought forward					2870	
	Constructing Subsidiary Jail yard wards with out buildings at Kaiserkai	10,000	G.O. No 2227 28th August 1874 & No 1791 8th May 1875	8911	2 1085 10 11	386	As no more than provided in the Budget of 1879-80, the amount now applied for is required to complete the work
	Do. Do. at Pulo	9750	G.O. No 2227 28th August 1874	9062	9	688	
	Providing Record racks and making alterations to the Jail Cookhouse and Godowns	910	G.O. No 1215 28th May 1877		910	910	
	Providing Record racks to the Jail Cookhouse at Alexandria	300	Do.		300	300	Funds applied for upon a duty to be done during the Budget year 1879
	Do. Do. at Rajaut	500	Do.		500	500	
	Do. Do. at Ludiana	500	Do.		500	500	
	Do. Do. at Nowsherra	500	Do.		500	500	
	Police						
	Constructing Police Station House at Saidapatt	6500	G.O. No 1299 of 16th April 1879	1187 15 5	152 7 4	152	
	Total Provincial					6,370	

Superintending Engineer's Office
Lahore 29th April 1879.

Examined

Superintending Engineer

Chief Engineer

Examined

Chief Engineer

1879-80.

From,

The Superintending Engineer
2nd Circle

To,

The Chief Engineer &
Secy. to Govt.
Madras.

Dated 1st } May 1879.
Rec.

Circuit Division

Statement No. I.

Statement showing Repairs
works remaining incomplete on the 31st
March 1879 for which
funds are required
during 1879-80.

1879-80.

From

The Superintending Engineer

Dun Laoire

To

The Chief Engineer

D.P.W.

Madras

Dated 30 April

Rec'd May } 1879.

Kurnool District.

Statement No II.

Statement showing New Works which have not been Commenced but which are recommended for execution in 1879-80

21

Statement No. 21

Kurseong District

Statement showing Works which have not been commenced but which are recommended for execution during 1879-80.

Name of Work	Amount of Estimate	Brief description of Work and Date of Estimate	Amount required for 1879-80	Remarks.
Steps and Original Drain. Cutting Steps in the earth of the Hill Side and depositing the earth on the lower side of the Steps. Making Drain at the back of the Steps. Repairing Retaining Wall in front of the Steps &c. at Pheasant Hill	635	Estimate dated 4th October 1878.	635	
	680	Estimate dated 30th September 1878.	680	
Total Pheasant Hill			1315	

Sd/ H. E.
Executive Engineer 2nd Div.

Supplemental. Kellogs District.

Statement shewing the works sanctioned but not Completed up to 31st March 1879 and for which funds are required for Expenditure in 1879-80.

Name of work	Amount of Estimate	Number and Date of Sanction.	Expenditure up to 31st March 1879	Balance of Estimate.	Amount required for 1879 80.	Remarks.
Provincial Original Works Canal Buildings Constructing 2nd Class Lock & Catchcherry at Shelburne fall	12,830	G.O. No 29 21 of 26 August 1874.	12,247 2 5	582 17 7	582 17 7	This work has been Completed the amount now applied for is required on account of debts still to be paid on the work.

Superintending Engineer's Office
Kellogs 2nd May 1879

To
The Chief Engineer
&c &c &c

Superintending Engineer 2nd Dist.

Sir I have the honor to forward herewith
the Statement
of the Supplementary Estimate
for Canals
Dated 7th May 1879
Your
Most obedient Servant
Superintending Engineer
2nd District

Statement of Amounts required for Canal Works in the 2nd District for the year 1879-80.

Provincial Original Works	582 17 7
Provincial Repairs	1,000 0 0
Total required for 1879-80.	1,582 17 7

From
The Superintending Engineer
2nd Circle

To
The Chief Engineer
&
Secretary

Dated 26th
Rec. } May 1879

Superintending Engineer's Office
Bellary 26th May 1879

From
The Superintending Engineer
2nd Circle

To
The Chief Engineer
&
Secretary

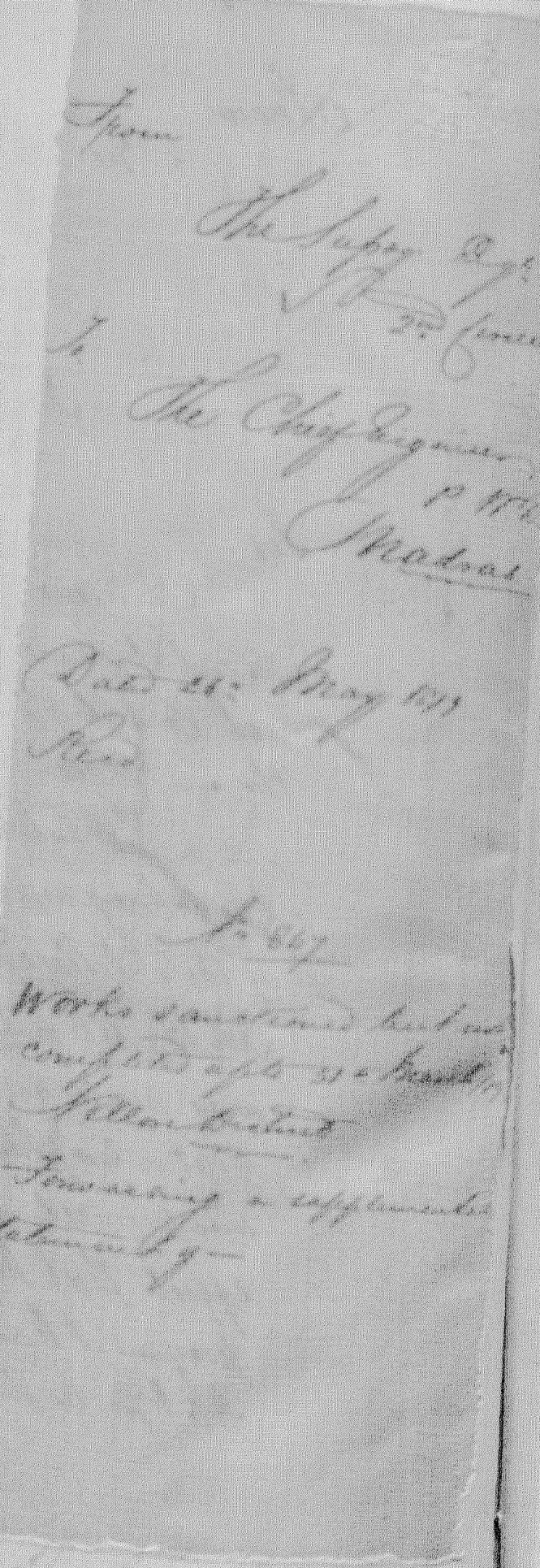
Sir

Rec. 30th. I have the honor to forward a Supplementary Statement of works sanctioned but not completed up to the 31st March 1879 in the Hallore Division.

The Estimate for the Sir Cleverpett Black Cotton was shown in the Progress Report of the Hallore Division as slightly exceeded by Rs 17, up to the end of March: and a demand was made for Rs 675 for the Current Official year. Explanation was not given why more money was required: and this has now been given to the effect that the work has been completed, but payment has still to be made to the amount of Rs 675, as the value of work actually executed.

I have the honor to be,
Sir,
Your most obedient Servant

Superintending Engineer 2nd Circle



Abstract

Total Imposed	38,191
" Promised	512,054
" Short	2116
Grand Total	553021

Supt Engr Office 3d Cond
to Chief Engr 3d May 1879

Asst Engr
for Supt Engr 3d Cond

Supt
Erie Canal Enlargement
Public Works Department

Buckingham Canal

Deepening the Buckingham Canal
from Stowe to Wolverton ... 2341 ... 10,000

Extending Buckingham Branch
from Stowe to Brackley ... 60,480 ... 5000

Deepening the Northern Level
from Buckingham to Pitchcott ... 34304 ... 10000

Total Proposed ... 81034

Buckingham Canal

Branch Canal and Basin
at Stowe and of Buckingham
Canal ... 2300 ... Poles ... 1600 ... 00 ... 00

Brackley Canal

Constancy of Duke of
Buckingham Canal ... 1350 ... 9210 Poles ... 02 ... 1448 ... 1048

Deepening the Canal Level
of Buckingham Canal
to Water ... 960 ... 9216 Poles ... 17 ... 761 ... 761

Deepening the Lock Level
of Buckingham Canal
to Water ... 960 ... 9216 Poles ... 12 ... 23 ... 23

Deepening & Lining the Canal
from the Buckingham Canal ... 18 ... 960 Poles ... 11 ... 62 ... 62

Total Expence ... 2338

Buckingham Canal

Deepening the Northern Canal
to 11 ft below L. W. Level ... 10341 . 10,000

Extending Buckingham Canal
from Bergen to Greenpoint ... 609480 . 5000

Deepening the Northern canal
from Newtown to Flushing ... 34304 . 10000

Total Proposed ... $123034

Buckingham Canal

Branch channel and Basin at the S.W. ends of Buckingham canal ... 2300 ... Feet ... 16cc ... 00 ... 00

Providing Conducting & Drainage works to Medical Colleges ... 1150 ... 0.21 Sq Miles ... 102 ... 104.81 ... 1048

Deepening the canal of the Gowanus
Creek from Hamilton Ferry
to Newtown ... 96 ... 10 ... 960 ... 00 ... 960

Deepening the Canal of the Wallabout
Creek ... 60 ... 10 ... 60 ... 00 ... 60

Deepening & Laying the Canal
from the Wallabout to the ... 16 ... 10 ... 160 ... 00 ... 160

Total Cost ... $1228

Proceedings of Committee of Ways & Means

Proceedings of Committee of Ways & Means in the Estimates and Supplies read	350	31 Geo. III. c. 59	19	391	391
Resolved that it is the opinion of this Committee that a Duty of Three Pounds per Thousand be laid upon all Bricks imported into this Kingdom from Foreign Parts, over and above the Duties now payable thereon	2416	31 Geo. III. c. 59	330	3165	3165
Proceedings of Committee of Ways & Means in the Estimates and Supplies read	220	31 Geo. III. c. 59	19	391	391
Resolved that it is the opinion of this Committee that a Duty of Three Pounds per Thousand be laid upon all Bricks imported into this Kingdom from Foreign Parts, over and above the Duties now payable thereon	130	31 Geo. III. c. 59	57	91	91
Proceedings relative to the Duty on the Importation of Bricks					
Proceedings relative to the Duty on the Importation of Bricks	3050	31 Geo. III. c. 59	303	303	
Proceedings relative to the Duty on the Importation of Bricks	2200	31 Geo. III. c. 59	88	391	391
Proceedings relative to the Duty on the Importation of Bricks	442	31 Geo. III. c. 59	94	48	48
Proceedings relative to the Duty on the Importation of Bricks	11	31 Geo. III. c. 59	88	39	39
Proceedings relative to the Duty on the Importation of Bricks	3050	31 Geo. III. c. 59	2443	Amount carried to Account	

3336

Buildings and Roads

Thirst Circle

Statement of Incomplete works not specially provided for in the Budget of 1879–80

Division	Work	Amount of Estimate	Number and date of sanction	Expended up to 31st March 79	Balance of Estimate	Amount required	Remarks
(Sd)							
	Additions & Deleon Water Works	66598	G.O. No. 589 W of 18 August 77	16894	49704	650	
	Drainage Native Infantry Lines	11400	G.O. No. 126 of 26 May 73	11153	3247	800	
Mango Coll.	Racks in Ordnance Gun powder Magazine	2580	G.O. No. 2625 of 28 Oct. 73	2362	198	198	
	Removing stone floor of Mallagoor Godown in Commissariat Store	1895	G.O. No. 2709 W dy 1st Jan 78	654	1131	1131	
	Raising walls around Horse Artillery Lines Agaram Barracks	850	G.O. No. 525 W of 31 August 77	535	235	335	
	Double storied Hospital at Permanent Site	97000	G.O. No. 2175 of 18 August 75	93452	3548	3548	
	Building of Cooks Room & Cook house & Store room & Latrine for Hospital at Permanent site	110	G.O. No. 2523 W dy 9th June 75	—	110	110	Required for payment to Contractor
	Privies Hospital and Servants Latrine Reg. at Head Qrs	365	G.O. No. 2364 W dy 31st May 75	365	40	40	
	Building up approaches for supplying water to the Main Block Hospital Permanent site	3330	G.O. No. 2548 W dy 19th June 75	1348	1982	1158	Required for payment to Contractor
	Constructing new cook house and Dhoby Shed new Hospital at Permanent site	3830	Do	3624	206	206	
						8326	

3d Circle

Buildings and Roads

1879-80

Estimate £ Charged

Part I

Statement of Erection
Works not Specially
Provided for in the
Budget of 1879-80.

Presidency	Providing a gate to the East and West entrances of the Light House	180	G.O. No 5809 dy 28th September 1878	180
Simplepatk	Providing Venetian Shutters, to the three sides of the front Verandah of the Superintendents Quarter Government Farm Lydapett	540	G.O No 4583 dy 14th February 1879	540

Total Special ___ 720

Total Ordinary ___ 10375

" Provincial ___ 9022

" Special ___ 720

Grand Total ___ 20,117

Clerk

Officiating Engineer

For Superintending Engineer

&c &c &c.

To the Chief Engineer

Public Works Department

Brought forward 74048.

Nellore	Constructing an Entrance wall around the garden in front of the Sub Collector's Quarters at Nellore	215	£ 0 0	Estimate 546 of 27 December 1876	215
— do —	Erecting pathway for the English Church at Ramapatam	180	£ 0 0	Estimate 1170 of 1878.	180 Funds provided in the Revised Budget Estimate
Cuddapah	Constructing 3 gates to the entrance of the Cuddapah Cutchery at Chittoor	570	£ 0 0	Estimate 402 of 1875 February 1876	570
— do —	Extending English record room of the Cuddapah Cutchery at Chittoor	1190	£ 0 0	Estimate 1884 of 1876 June 1877	1190
— do —	Constructing Court Chambers in lieu of Cutchery Rooms in the old Fort Cutchery at Bangalore	1000	£ 0 0	Estimate 1200 of 1876 March 1878	1000
— do —	ditto ditto at Shimoga	185	—	do	185
— do —	do do at Chitaldroog	1500	—	do	1500
— do —	do do at Cutchery	175	—	do	175
— do —	do do at Tiptur	1200	—	do	1200
— do —	do do at Pavagada	175	—	do	175
do —	For supplementary to the Kolar Magistrate Cutchery at Kolar Bangalore	400	£ 0 0	Estimate 1440 of 1877	400
					19573

			Brought forward.	5233	
Receiver	Allowance to Government Central Museum	705	G.O. dated 4 Oct 8th & 8th November 1878	705	
do	Providing iron gates for St Mary's Church Fort & St George	1080	G.O. 12141 dated 30th January 1879	1080	
do	Contingent Excess Establishment Grain & Forage in connection with the Native Hospitals & General Hospitals	20100	G.O. No 424 dated 19th February 1879	20100	
do	Sanctioning Allowance Church Peons	17270	G.O. 1492 dated 30th April 1865	17270	
do	Sanctioning two Warders for Patients European in the Lunatic Asylum	9190	G.O. No 439 dated 7th February 1879	9190	
do	Allowance to Gunners of the Fort & Park Guns Royal Salutes	1770	G.O. No 2141 dated 24th Sept 1878	1770	
Allowance to Fort & Police Establishment & Police allowance		570	G.O. No 829 dated 7th February 1878	570	
do	Extra to Establishment Fort & Police Establishment	570	do	570	
do	Extra Allowance to Peons attached to the Customs Department	1820	G.O. No 1824 dated 15th October 1877	1820	
do	Sanctioning a Chuprassy Court House at St Thomas Mt	300	G.O. No 1229 dated 29th April 1879	300	
			Carried forward	34048	

			Brought forward	£43	
Painting	Painting the floor of the front Verandah & providing gratings for Cesspool in the Custom House	390	C.O. Order dated 20th January 1876.		390
do	Painting Ceiling Sundries for the Iron work of the front Verandah in the Custom House	240	C.O. Order dated 7th January 1876		240
do	Painting with shades for St Mathias Church Pottery	650	C.O. Order dated 4th January 1876.		650
do	Constructing a work shed at the Lunatic Asylum	867	C.O. Order dated 18th March 1877.		867
do	Painting in the Offices Ward Grounds & Cupola	280	C.O. Order dated 29th March 1877		280
do	Constructing work & Lavatory accommodation in the Lock Hospital	900	C.O. Order dated 15th June 1877		900
do	Painting Ground & Basket Grounds	380	C.O. Order dated 4th June 1877.		380
do	Constructing Cattle Sheds for the use of Coach Hire office	560	C.O. Order dated 15th September 1877		560
do	Providing Wooden Shutters for the Verandah of the Principal Store Keepers Cottages	343	C.O. Order dated 30th October 1877		343
do	Relaying the floor of Store Shed	280	C.O. Order dated 15th August 1877		280
			Carried over		£5233

Part II

Buildings and Roads.

Statement of New works which have not been commenced but which are recommended for execution during 1879-80.

Division	Work	Amount of Estimate	Number & date of order sanctioning the Estimate.	Amount required.	Remarks.
Presidency	Enclosing a portion of Block No 1 into Store room & Constructing a Verandah in the Conservancy Dept of Commissariat Dept	1085	G.O. No 4302 dt 8th November 1878.	1085	
— do —	Converting into Officers Quarter the building in the Fort vacated by the Examiner of P.W. Accounts	1950	G.O. No 4762 W dt 14th December 1878	1950	
— do —	Fence for Clive's Battery	440	G.O. No 4491 dt 26th November 1878.	440	
— do —	Constructing Library at the Ordnance Lines	11400	G.O. No 28 dated 6th August 1879	11400	
Chingleput	Constructing a New Post Office at Sattianedu	1000	G.O. No 3226 W dt 12th August 1878	1000	
			Total Imperial	15873	
Presidency	Providing rattan mats for the Office of the Consulting Engineer for Railways	210	G.O. No 1794 dt 28th June 1875.	210	
— do —	Rebuilding a dry earth Shed in the Compound of Royapettah Dispensary	433	G.O. No 2700 dt 20th September 1875	433	
			Carried over	643	

P. W. A.

Part II

Statement of New Works which have not been commenced but which are recommended for execution during 1879-80.

Dublin and Kingstown Railway Co.

Dublin Pier Head & Pigeon House Basin. 1879.

From
The Superintending Engineer
To
The Chief Engineer
Public Works Department

Sir,

With reference to G.O. No. 23 dated 8th April last I have the honor to forward herewith a memorandum and plan prepared by the Executive Engineer Pigeon House Division for the completion of the two moles as per margin, connected with the Madras Light House, amounting as per G.O. No. 3809 M dated 7th September 1878. As regards the amount required for the current official year, the Divisional Officer reports that Rs 121 have been already spent on the repair to Ridings during the last official year. The necessary allotment to be required for the year and for the repairs

Statement showing the works expected to be but not completed on 31st March 18
and for which funds are required in 1879-80.

Division	Works	Amount of Estimate	No. and date of sanction.	Past years Expenditure	Balance of Estimate	Amount required in 1879-80	Remarks.
1	2	3	4	5	6	7	8
	Sundry Additions to the Hospital quarters for Prisoners at Wellington	4590	G.O. No. 407 of 10th July 77	1852	738	2738	X
do	Completing the 3 block, married quarters at Wellington	3726	Detl.	317	385	3403	X

1	2	3	4	5	6	7	8

Calicut — Asphalting verandahs & boarding floor of Offrs quarters, West Hill, Calicut — 2709 — G.O. No 1064 of 3rd July 1878 Estt of etc. Supdt Forks

— Do — Supplying punkahs to the Offrs quarters at Mahé — 470 — G.O. No 1265 dtd 3rd May 1878.

— Do — Do — do — at Calicut — 168 — Do No 1265 dtd 3rd May 1878

— Do — Constructing a new Store room for the European Hospital at Mallapuram — 980 — G.O. No 1274 dtd 4th Dec 1878

Cannanore — Flooring the verandah around the cell with 3/4" thick asphalte on Caterite pilly & "Chunam"

Improvements to the existing lightning conductor of the powder magazine at Mangalore — 265 — Local Sanction 25 10 4 239 5 8 240

Salem — Roofing the Christo Chapel at Salem — 2240 — G.O. No 1497 23rd Nov 1878 — 40 97 2199 6 5 2200

— Do — Repairing Jailors quarters and out houses &c attached to the Central Jail, Salem — 1240 — G.O. No 4872 of 21st Dec 1878 — 231 - 2 1002 15 10 1009

Colour Constituting Police
Station Limits at
Ellerton ——— for Map plotted
for Sheriff app no 2 to 2 to 2

Dy — of Kattenga
= part ——— for Sheriff
for Sheriff to 2 to 2

Village Removing the Limits as
the road from Ferry
to Cottage area Enlargement for Sheriff

Coinduits Transferring the road
from Multa pollution to
Water ——— £19,500 G.G. (G.B.) No 1907
9 to Sept/15 9 acres 4 to 2 to 3 4 to 15000

Coinduits Alteration to Water. G.G. No 1907 of
= manchetta School ——— 1890-8.? Dec/177- 338 / 2 1051 816 1052

Eq 4

1 2 3 4 5 6 7 8

Order Konstruering av Sekund
timer med datum
av Strömberg — 4960 April 1917

Kapellmästarens Office uform 2
Camp Wadsworth 21 May 1917

Pvt. Gren
Kapellmästare Regimente uform

50.

Statement of new works estimated to cost more than Rs 2500 each which have not been commenced but which are recommended for execution in 1879-80.

Division	Works	Amount of Estimate	Date of order sanctioning the Estimate	Amount required in 1879-80	Remarks.
1	2	3	4	5	6
Upper	Improvement to the Latrines of the European Barracks at Cannanore	Rs 2780	G.O. no 1056 of 4.th April 1879 -	2780	

2 3 4 5 6

Estimate of Improvements to the Lieutenant Govt. Residence at Government House Wellington

Estimate of Improvements to the Lieutenant Govt. Residence at Government House Wellington ——— £100 Nov 1878 £100

Survr Genl Office 2nd May 1879

Examd

Chief Draftsman

Statement of new works Estimated to cost less than Rs 2500 each which have not been commenced but which are recommended for execution in 1879-80.

Division	Works	Amount of Estimate	No. and date of order sanctioning the Estimate	Amount required in 1879-80.	Remarks.
1	2	3	4	5	6
	Selpin Cistern				
	Selpin Cistern				
	Selpin Cistern

1	2	3	4	5	6
Salem	Constructing a compound wall around the Roman Catholic Cemetery at Yercaud	1060	G.O. No. 1060 of 11th January 1879		1060
Do.	Improving the Salem Collectory at Mettupalayam	270	Do. No. 259 of 11th Sept. 1878		270
Canara	Constructing fifteen rooms for the use of all servants of District and adjoining subordinate courts at Mangalore	860	G.O. No. 523 of 2nd July 1878 Part II		860
Do.	Constructing a passage between District Court Office and Court House at Mangalore	850	Do. No. 1402 of 19th March 1878 Part II		850
Do.	Fixing lightning Conductor to the District Court house at Mangalore	575	G.O. No. 2937 (W) of 20th July 1878 Part II		575
Do.	Constructing an Overseer shed at Kasaragode	1070	G.O. No. 2963 of 23rd July 1878		1070
Do.	Improvements to Subjail house at Mangalore	1640	Do. No. 3075 of 2nd August 1878.		1640
Do.	Constructing a Sub Divisional office at Coondapoor	2300	Do. No. 4300 (W) of 3rd Nov. 1878		2,300
Trichinopoly	Enclosing with iron railings the Accountant's room of the Huzur Treasury Compound	406	G.O. No. 4275 of 7th Nov. 1878.		406

1	2	3	4	5	6

Erode Converting the existing cyst
shed into 2 too ward for the
Subsidiary jail attached to the Do Do Do
Sabuy Tehsildary at Erode ——— do Do do

Coimbatore — Do ——— do ——— at Pollachi do ——— Do ——— do

— Do ——— Do ——— do ——— at Udumalpet do ——— Do ——— do

— Do ——— Do ——— do ——— at Dharapuram do ——— Do ——— do

Cuddapah Constg a wall around & building the gates of the Jail G.O. No 697 93 dt 29
Jail Reserve Cemetery at Cuddapah 1892 to 93 one 1st 1893 Total Rs 2,500 as est

Tanjore Constructing 2 drains
& opposite the 2 gates of the
Provincial School &
Par. unsigned ——— 1892 Director of Public Instruction No 279 of 1892 24 January 1893

Canara Reconstruction of cart buildings
attached to Jail as quarters &
unsigned ——— 1345 Nov 1878 G.O. No 6536 of 29 Nov 1878 345

1 2 3 4 5 6

Return Reporting the Occupation at Mauzatore — 1750 — 4 to 12 January 1779. — 1750

Lieut Engineers Office
Camp Wellington 2 January 1779

Plan

Lieut Engineer — Major &c.
& Engineer

No 280 - Supdg Engrs Office 4th Circle
Coimbatore 3rd May 1879

From,

The Supdg Engineer
4th Circle - Coimbatore

To

The Chief Engineer
S.P.W.D. Madras -

Sir,

Enclosures
3 dfo forms

I have the honor to forward Lists of incomplete Pcs Works requiring funds for execution in 1879-80.

2nd Division Statement of works requiring funds not having been received, Supplemental Statements for works in that Division will follow.

3rd The "Bath rooms to roads" "Sources at Wellington" having already been constructed the current years grant of Rs 3,000 may be withdrawn and appropriated to some of the works at the same Station enumerated in

No III

Statement of the Works attended to not less than Rs 2,500 each which have not been commenced but which are to be included for execution in 1879-80

† Item No 3, Imperial Civil Budget.

58

59.

The Chief Engineer
Fort St. David

Sir

The Chief Engineer
Pt St. David
Cuddalore

Bellary Dec 1st

Enclosure 3

No 2810

Survey Plate for Works

Towards Lock
No — repairing funds
for execution in the
year 1879 — 80

213 K

Lt Col. R-J

Timaru District

Statement showing the sanctioned works for which appropriations are required from the reserve for expenditure during 1879-1880.

Taluq	Names of works.	Amount sanctioned and date of sanction	Amount proposed to be expended at the end of previous year 1879	Total	Remarks.
1	2	3	4	5	6

Imperial

Buildings & Roads Branch

Ordinary Original works

Military

Timaru — Providing a Row of Rooms in the Armament shops of the Military Buildings at Talmerston. — £25 — Sanctioned by the Officer commanding Talmerston letter No 1879 13/2/79. — £25 — Work proceeded with & finished for which £25 was spent.

Other services.

Civil Buildings.

Telegraphs.

Waitaha Ram. — Repairing the Telegraph Office at Temuka. — £20 — Supdt Telegraphs Wgton letter No 3605 6-4-79. — £20 — £20

Provisional Ordinary

Civil Buildings.

Original works.

Waitaha Ram. — Providing wire fence to the Public Reserve Temuka at Temuka — £300 — Sanctioned 29/5/79 — £200

Timaru — Surveying Salary Quarters at Talmerston — £70 — No 2688 11-10-79 — £70

Timaru — Adding property taken to the Public Reserve Temuka at Temuka Township — £35 — No 3220 4-7-79 — £35

£305

Police Charges.

Timaru — Police Station House & Barracks — £70 — Sanction — £70

Timaru — do do do at Pleasant Point — £50 — 3 mo £9 — £21

— do — do — do — Sutherlands Valley — £10 — No 3185 5-10-79 — £5 — £105 — £26

G. H. Manson.
Ex. Dist. Engineer Timaru

Lachlan
25 April 79

Dr. Cornwell's Address

It is almost always
the duty of medical men
to which appropriation
are required from the
Revenue for sufferers
during 1879-80.

Form No II.

Statement showing the works which have not been commenced but which are recommended for execution in 1879-80

Works

Amount Required

Remarks

Amount Estimated

Building a room to the Mallaig Pumphouse

Provincial

Mallaig

Original

Estimate

Contract for Building Engine & Pump Foundations

Amt. Sh 902.10

Say 900

Contract for Engine Foundations

Amt. Sh 58.4

Say 60

Contract for Building Engine House & Boiler House

Amt. Sh 9.3

Say 10

Provincial ordinary

Jails

Central Jail

Contract for Central Jail Kitchen

Amt. Sh 1811.12.2

Say 1870

Do. do Retaining wall

6150

Cook room Chapel & Jail

1080

Sh 7510

Provided for incomplete & uncommenced works of the Central Jail in the Budget of 1879-80.

2160

1080

880

6150

1080

67

63

69

Statement showing the work which have not been Commenced but which are recommended for December in 1879-80

Work.	Amount Estimated	Amount required	Remarks.
Construction of Road from Kalimpong to Pedong	400	Almost completed	
Construction of Road from Pedong to Rinchinpoo	1,000		
Construction of Road from Rinchinpoo to Siliguri	1,000		
Construction of Road from Kalimpong to Rinchinpoo	1,000		
Construction of Road from Kalimpong

64

Form No I

Municipality Bombay

Estimate for Completion of the undermentioned work for 1879-80

Name of Road Cotton Green Road

Length 1 Mile

Width 40 Feet

Estimate

Abstract

Statement showing the work required to be executed on Cotton Green Road during the year 1879-80

Rate	Quantity	Amount	Description of Work
			Cutting Earth
			Do Rock
			Filling Earth
			Do Rock
			Metalling
			Do
			Kerbing
			Do
			Drains
			Do
			Culverts
			Do
			Bridges
			Do
			Fencing
			Do
			Trees
			Do
			Gates
			Do
			Contingencies
			Do
			Establishment
			Do
			Tools & Plant
			Do
			Total

Machinofsky
Asst Engineer

Cutting Earth at 1/8 per Cubic yard Cubic Yards 1808 Rs 226 Rs 226

Cutting Rock at 1/8 per Cubic yard Cubic Yards 1808 Rs 226 Rs 226

Filling Earth at 1/8 per Cubic yard Cubic Yards 1808 Rs 226 Rs 226

Do Rock at 1/8 per Cubic yard Cubic Yards 1808 Rs 226 Rs 226

Metalling at 1/8 per Cubic yard Cubic Yards 1808 Rs 226 Rs 226

Do at 1/8 per Cubic yard Cubic Yards 1808 Rs 226 Rs 226

Kerbing at 1/8 per Cubic yard Cubic Yards 1808 Rs 226 Rs 226

Do at 1/8 per Cubic yard Cubic Yards 1808 Rs 226 Rs 226

Drains at 1/8 per Cubic yard Cubic Yards 1808 Rs 226 Rs 226

Do at 1/8 per Cubic yard Cubic Yards 1808 Rs 226 Rs 226

Culverts at 1/8 per Cubic yard Cubic Yards 1808 Rs 226 Rs 226

Do at 1/8 per Cubic yard Cubic Yards 1808 Rs 226 Rs 226

Bridges at 1/8 per Cubic yard Cubic Yards 1808 Rs 226 Rs 226

Do at 1/8 per Cubic yard Cubic Yards 1808 Rs 226 Rs 226

Fencing at 1/8 per Cubic yard Cubic Yards 1808 Rs 226 Rs 226

Do at 1/8 per Cubic yard Cubic Yards 1808 Rs 226 Rs 226

Trees at 1/8 per Cubic yard Cubic Yards 1808 Rs 226 Rs 226

Do at 1/8 per Cubic yard Cubic Yards 1808 Rs 226 Rs 226

Gates at 1/8 per Cubic yard Cubic Yards 1808 Rs 226 Rs 226

Do at 1/8 per Cubic yard Cubic Yards 1808 Rs 226 Rs 226

Contingencies at 1/8 per Cubic yard Cubic Yards 1808 Rs 226 Rs 226

Do at 1/8 per Cubic yard Cubic Yards 1808 Rs 226 Rs 226

Establishment at 1/8 per Cubic yard Cubic Yards 1808 Rs 226 Rs 226

Do at 1/8 per Cubic yard Cubic Yards 1808 Rs 226 Rs 226

Tools & Plant at 1/8 per Cubic yard Cubic Yards 1808 Rs 226 Rs 226

Do at 1/8 per Cubic yard Cubic Yards 1808 Rs 226 Rs 226

Total at 1/8 per Cubic yard Cubic Yards 1808 Rs 226 Rs 226

From

The Inspecting Engineer

5th Circle

to

The Chief Engineer

B.B.&C.

Madras

Dated 23rd April 1879

Part I

Trichinopoly District

Statement of Expenditure

for March

From No III

Trichinopoly District

71

Statement shewing the outlay on Original Imperial Works and on Budget works up to 31st March 1879 and the works in which same provided in the Budget for 1879-80 in excess of the actual requirements, and proposed to be transferred

Rs.

G. L. Thomson.

For the Inspecting Engineer

5th Circle

Trichinopoly

25th April 1879

21

						350		
Jeminday	Reroofing the Sea Customs Sub Dr. Office at Jandy.	1,300	Gr @ he 1391 W 18.3.78.	"	"	1,300	"	
Mradua.	Converting the Hospital sheds & Taches to the Sub Magistrate's Butcheri at Tinchuli into a Sub Registrar's Office.	520	Dr he 1281 W 6.12.78.	"	"	520	"	
Rummed.	Converting a portion of the front Verandah of Sub Magistrate's Butcheri into Sub Registrar's Office at Rummed.	173	Dr 1251 6.11.78	"	"	173	"	
Pammeben.	Repairing & improving the Govt Building occupied by the Mradu attendant at Pammeben.	1,500	Dr 714 15.5.77	1,226	"	274	"	Completed. Balance to be paid.
Mradua.	Improving Jailors & Dys Jailors Quarters. Book Rooms attached to the New Jail at Mradua.	830	Supts Gr of Jails on the 21.6.78.	23	"	807	"	Dr Dr
Periakulam	Taluq Kutcheri at Periakulam	28,306	Gr @ he 1261 16.11.75	28834	"	1,200	"	The Revised Estimate amounts to Rs 33,000
Pulney	Dr Dr at Pulney.	23,306	Dr 1068 16.11.75	23,375	"	1,050	"	Dr Dr to Rs 35,250
Periakulam	Sub Dr Office at Periakulam.	2,100	Dr 877 2.12.75	1,581	"	519	"	
Bodinayk	Converting the attached to the Taluq Kutcheri at Bodinayk	1,100	2nd January 1877.			1,100	"	
Cumbum	Police Station House at Cumbum	4,250	Gr @ he 2331 17.11.3			274	"	The Revised Estimate amounts to Rs 1,050.
Peeche	Police Station house at Periapatty	1,050	Dr 1226 17.11.3			1,050	"	
Dr	Police Hute at Periakulam	2,000	1226 17.11.3	1114	"	2,000	"	

Minor Public Improvements

Original works.

Cumbum Improving the bank at Cumbum 2,000 " Gr 1226 W 17.11.3 1729 " 271 " 271 " "

Roads and Bunds.

Original works.

Dr Road to New Bridge at Cumbum 1,000 " Gr 2331 17.11.3 1029 " 971 " "

" Dr to mud bunds at Dr 1,000 " 2331 17.11.3 1029 " 971 " "

Repairs

Communications.

Periakulam Repairs damages to Periakulam Chauttram 1,000 " Gr 1226 W 20.12.77 1102 " 1345 " 1345 " "

Office Engineer Office 5th Circle
Coimbatore 1st January 1879.

G Manson.
for Superintending Engr 5th Circle

Madura District.

Statement shewing the sanctioned works for which appropriations are required from the Reserve for expenditure during 1879-80.

Taluq or Locality	Names of works.	Estimate.	Date of sanction.	Total amount expended up to the end of the previous year	Total amount proposed for expenditure during 1879-80.	Total.	Remarks.
1	2	3	4	5	6	7	8
	Imperial Buildings & Road Branch: Ordinary Original works Military: Nil:-						
	Other Services Original works. Civil Buildings. Salt Department. Miscellaneous.						
Tuticorin	Constructing two flat-bottomed Vessels each 90 feet long 20 feet broad & 5 feet deep for the purpose of conveying salt from the Salt Pans at Manapad to Tuticorin	11,140	G.O. No. 2307 dated 7.12.78	520	620	1,140	
Tuticorin	Constructing a Salt Road to Thattuvanchery with causeway over the junction of Vaigai River	1,780	G.O. No. 22 dated 2.1.78		1,780	2,400	
	Telegraph Buildings. Repairs.						
Tuticorin	Repairing & re-roofing the terrace of the gable house at Tuticorin	270	Sanction of Superintending Engineer dated 22.11.79		270	270	
	Repairs to the Telegraph office & superintendent's house	124			124	124	
	Repairs to the subordinate's house to the Telegraph office at Tuticorin	405		342	63	405	
	Postal Buildings						
Tuticorin	Repairing the Post office and Post master's Residence at the Revenue Square	570	Sanction of the Superintending Engineer dated 17.10.79		570	570	
	Provincial Branch. Civil Buildings. Original works.						
Tuticorin	Constructing Bund to protect the Salt Pans from the inundations of the sea	350	Sanction of the Collector dated 14.11.79		350	350	
						820	

From:
The Asst. Engineer
Sr Divn.

To:
The Chief Engineer
P.W.D.

Dated 15th May 179.
Rec'd

Irrigation District
Statement showing
the Irrigation works
for which appropriations
are required from the
Receipts for repairs thereof
during 1879-80.

Postal Department

Extract of the Book of Estimates returned to and by the Privy Council and which have not been approved but which are recommended for another Supply 1878-79

Repairing
Postal Department
Repairing the Post Office at Pictou ... 190 — 190

Allotment enclosed in the Budget for 1879-80 Agassiz Division ... 50

Balance ... 140

Provincial
Civil Buildings
Original Books

Altering & improving the accommodation afforded to the District Brownlee Court at Kitsumgoorday ... 2000 — 2,000

Extending the Brownlee Court at Nagaiabaw ... 1900 — 1900

Providing additional accommodation required for the clerks & records in the office of the Collector of Customs at Buffy Sound ... 870 — 870

Additions and alterations to the Building
Cathedral at Elgin ——— £218 — £218

Extending Foundation round the Nave of
the Cathedral Church at Aberdeen £80 — £80

Coach House & Stables at Inverness ——— £65 — £65

Grand Total
Original Grant
Miscellaneous Public Works
Part Grant

Coach House & Stabling with Lodge
Stone Fences at Inverness Scotland £1965 — £1965

Received
7th May 1873

G. Mansom.
For Sir Charles Young
5th May 1873

Statement of Incomplete Public Works not specially provided for in the Budget for 1879-80.

Division

Name of Work | Estimated Cost | Amount Expended to 31st March 1879 | Balance required to complete | Amount provided in Budget for 1879-80 | Remarks

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Engineering
Original Works Local Purposes
Public Buildings

County of Prince Edward Court House & Gaol to be built at Picton — Estimate 4000 — Expended to 31st March 1879: 3877 — Budget 6347 — 1603 — 1603 — Being in progress

County of Prince Edward Court House at Picton — Estimate 4000 — Expended to 31st March 1879: 3877 — Budget 130 — 123 — 123 — Being in progress

County of Prince Edward Gaol & Gaoler's Residence at Picton — Estimate 8310 — Expended to 31st March 1879: [illegible] — Budget [illegible] — 8310 — 8310 — Being in progress

County of Prince Edward Gaol & Gaoler's Residence at Picton — Estimate 7620 — Expended to 31st March 1879: [illegible] — Budget [illegible] — 7620 — 7620 — Being in progress

Constructing a Bridge on Roads 28 over the Embarras River — Estimate 7570 — Expended to 31st March 1879: [illegible] — Budget [illegible] — 7570 — 7570 — Being in progress

Provincial Gaol Buildings

Original Works

Constructing Deputy Ordnance Lot clearing & Ditching West and Lanes on Waterloo — Estimate 1530 — Expended to 31st March 1879: 1400 — Budget 130.75 — 1327 — 1327 — Completed but contractor accounts not closed

Constructing 2 no Class Police Station Houses at Bridgeport — Estimate 1353 — Expended to 31st March 1879: 600 — Budget 1753 — 600 — 600 — Completed but plastering & Painting

Abstract of Accounts which have been not specially provided for in the Budget for 1879-80.

Works	Estimated	Actual Expenditure to 31st March 1879	Balance required for 1879-80	Remarks
Repairing Mole and pier & Constructing a new Landing at Port Augusta	Rupees 160	1250	1250	Estimate being altered
Constructing Landing Jetty and Lines at Kopperamanna	" 11,560	11,560	X	Completed in previous Year
Constructing Rail Road & Landing at Kopperamanna	" 9365	9365	X	
Constructing Well near Landing Jetty & Tramway at Kopperamanna	" 250	350	350	Completed in previous Year and paid accordingly
Repairing Store Copying Jetty & Office at Port Augusta	" 4317	5001	5001	Almost done

Estimated Amount

Balance

Miscellaneous Public Improvement

Port Augusta

Repairing Store Copying Office & Jetty at Port Augusta

Estimated Amount

Expended to 30th June 1878

Balance

Additional Amount

Required to carry Works

Estimate for erecting a Court House at Port Augusta and Repairing Police Barracks at Kopperamanna

Rupees 6700 & 2000

Richmond
29 January 1879

Application under ... Increase of Allowance

District Richmond Board of Service Provincial

Tools and Plant

New Supplies 217 217 217

Total 217

Science

Arithmetic

Report.

Date of Report

Grade

Pupil's name

Last Name ——— First ———

Term ——— 19

No 20

Printed

Statement showing works to be undertaken by Government for which no funds or funds in part have been allotted.

District	Work	Estimate	No and date of Govt. letter sanctioning the execution of work	Amount for which funds have been allotted	Amount likely to be required during current year	Remarks as regards allotting funds.
Peshawar	Providing Roofing Covered way at the Amir Habib.	2646	G.O. No 182 dated 7th February 1879 in the Political Department and A/C to be provided in the Public Works Deptt	2646		
"	Foot passage at the Amir Habib	620	G.O. No 412 dated 14th March 1879 in the Financial Deptt and A/C to be provided in the P.W. Deptt	620		

Camp Kacha Office
Khyber 6th April 79.

F

Chief Engineer
Pay
Buildings and Roads Branch.

R. Hinton
Engr. Kacha & Convoy

Peshawar
Camp Amir Mahal
31st March 79

Dear Hinton

I have the honor to forward herewith a statement of works to be undertaken by Government for which no funds or funds in part have been allotted.

I am Dear Hinton
Yours sincerely
[illegible]

No 48

Provincial

Supplementary Statement showing works to be undertaken by Government for which no funds or funds in part have been allotted.

District	Work	Estimate	No and date of the Order directing the execution of work	Amount further grant already required for allotted current year	Remarks or reference to Orders allotting funds
Presidency	Medical School to be erected near the Mangoe Chaultry	6046	G.O. No 1021 W dy 2d April 1879	6046	

Engg Archte Office
Chepauk 24th April
1879

V. Chisholm
Engg Architect to Government

BOARD OF REVENUE.

Supplementary Statement showing works to be undertaken by Government for which no funds or funds in part have been allotted.

Received by Mail
April 25th 1879
No 48

Roads and Buildings

From

The Executive Engineer
to Government

To

The Chief Engineer, P.W.D.
Buildings & Roads

No. 45

Date 22nd April 1879

Received

Statement of Repairs

No. 1844

From

THE SUPERINTENDENT,
MADRAS HARBOUR WORKS.

To Colonel A. H. Hankey, C.E.
Secretary to Government P.W.D.
Buildings & Roads
Fort St. George

MADRAS, the 19th June 1879

SIR,

I have the honor to forward the Statement of Expenditure for the month of May 1879.

I have &c.

J. Hammond
Superintendent
M.H.W.

No.

From

THE SUPERINTENDENT,
MARINE HARBOUR WORKS.

To

Sir,

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 22nd August 1879.

Read the following:—

From

The Superintendent

Madras Harbour Works

Forwarding Statement

of Expenditure for June 1879.

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 22nd August 1879.

Read the following:—

From

The Superintendent Madras Harbour Works, (Rec'd 18th August 1879.)

Do. Do. (Do. 21st August 1879.)

Forwarding Statement of Expenditure for June 1879.

Dated 2nd June 1879.

2. The Government observe that all proper Statements are furnished, except that of the outlay on the Madras Harbour Works, one by the Superintendent and the other by the Engineer. They order that for the future all the proper statements of the