

- (1) பக்கங்களின் எண்ணிக்கை 120
 (2) புதுக்கித் திருப்பிய நாள் 4-4-88
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 6/88

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

1888

P.W. துறை

அரசாணை எண். 3864-65 W அச்சகம்
 மு. கோப்புத் தாள் எண். பலவகை

நாள் : 8-12 1884 1888 198

கலெக்டர் கண்டிபடி கையாளவோ கூடாது

General.
Account.

Circle dated 13th October 1888, No. 418 G.L.

Resolution—

Order—

Ordered that the foregoing be communicated to the Local Governments, Administrations and officers noted in the margin for information and guidance, with the request that the preliminary issues of the budget estimates may be submitted so as to reach this office without fail by the 15th January next.

The Governments of Madras, Bombay, Bengal, the North-Western Provinces and Oudh, and the Punjab.
The Chief Commissioners, Central Provinces, Assam and Coorg.
The Resident at Hyderabad.
The Agents to the Governor-General for Central India, Rajputana and Biluchistan.
The Superintendent of Port Blair and Chief Commissioner, Andaman and Nicobar Islands.
The Inspector-General of Military Works.
The Director-General of Telegraphs.
The Director-General of the Post Office of India.

Ordered also that a copy be forwarded to the Finance Department for information.

(Signed) R. C. B. PEMBERTON, Colonel, R.E.,
Secy. to the Govt. of India.

Telegram from the Director-General of the Post Office of India, dated 20th November 1888.

From the Director-General of the Post Office of India, to the Secretary to the Government of Madras, Public Works Department, dated Calcutta, 30th November 1888, No. 5995.

Referring to para. 2 of the Government of India Public Works Department Resolution, No. 386 A.G., dated the 31st October last, regarding provisional grant for 1889-90 for Imperial Civil Works, and in continuation of my telegram of the 20th November 1888, I have the honor to request that you will be good enough to include the sum of Rs. 3,393 for the combined Post and Telegraph office at Naduvatam in the Imperial budget estimate of your Government for the year 1889-90. Regarding the grants for minor works, the Government of India in the Public Works Department has been requested to place a lump sum at the disposal of this office as "reserve with the Government of India" for minor postal public works to be executed in the year 1889-90. From this amount appropriations for such works in the several provinces will be sanctioned in the same manner as has been done in the year 1888-89. Under these circumstances, it is not necessary to include anything for postal minor works in the Imperial budget estimate of Madras for the year 1889-90.

ORDER—dated 8th December 1888, No. 3864 W., Public Works.

In their resolution above recorded, the Government of India have assigned a provisional grant of Rs. 21,100 for expenditure on Imperial Civil Works in this Presidency during 1889-90, and distributed the same under the departmental heads as shown below:—

New works	...	...	...	...	...	...	...	Rs.
Repairs	...	...	...	...	...	...	...	4,000
Establishment	...	...	...	...	...	...	...	13,000
Tools and plant	...	...	...	...	...	...	...	3,900
	...	...	...	...	...	...	...	200
Total	...	...	...	...	...	...	...	21,100

With reference to para. 2 of the resolution, the Director-General of the Post Office of India has, in his telegram, dated 20th November 1888, provided a further grant of Rs. 3,393 for the postal share of the cost of the combined Post and Telegraph office at Naduvatam. This, together with the percentage charges for "Establishment" and "Tools and Plant," will amount to Rs. 4,225 as shown below:—

Works	...	...	...	...	...	...	...	Rs.
Establishment	...	...	...	...	...	...	...	3,393
Tools and Plant	...	...	...	...	...	...	...	781
	...	...	...	...	...	...	...	51
Total	...	...	...	...	...	...	...	4,225

2. The budget estimate for 1889-90 has therefore been prepared for Rs. 25,325, being the total of the assignments made by the Government of India and the Director-General of the Post Office.

3. The Director-General of the Post Office has reported that the grant for minor works of 1889-90 will remain at his disposal as in the current year, and that no prior division will be made to provinces. The grant of Rs. 4,000 provided for telegraph minor works will, with reference to G.O., No. 863 W., dated 9th April 1885, be placed at the disposal of the Director-General of Telegraphs.

4. On receipt, early next year, of detailed proposals from Superintending Engineers and the Consulting Architect as regards the grants required for incomplete and minor new works under postal and telegraph, the Directors-General concerned will be requested to make the necessary appropriations.

5. The grant for repairs will, as usual, be held at the disposal of Government and distributed on receipt of detailed proposals from Superintending Engineers and the Consulting Architect with reference to para. 1322 of the Public Works Code.

6. The difference between the budget and the revised estimates for 1888-89 is due to the transfer to Assam of Rs. 250 under telegraph minor works and to the several appropriations made during the year by the Director-General of the Post Office for postal minor works of this Presidency.

7. With these remarks, the preliminary issue of the Imperial Civil Works budget for 1889-90 will be printed and circulated to the officers concerned, and four copies forwarded to the Government of India.

(Here enter No. 3865 W., dated 8th December 1888.)

(True Extract.)

Captain, R.E.,
Under-Secy. to Govt., P.W.D.

- To Superintending Engineers.
To the Consulting Architect to Government.
" Examiner, Public Works Accounts.
" Director-General of the Post Office of India.
" Director-General of Telegraphs.
" Postmaster-General, Madras.
" Chief Superintendent of Telegraphs, Madras Division.
" Financial Department.

Encl. J. Moses.
Spare Copies

GENERAL.
ACCOUNT.

Gobt. of {1888} Madras.
PUBLIC WORKS.

Dated December, 8th.

Recd.

Encl.

G.O., 8th Dec. 1888, No. 3864 W.

DECEMBER.

Imperial Civil Works Budget
for 1889-90

Orders circulating the preliminary issue
of the —.

8TH DECEMBER 1888, No. 3864 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following papers:—

From the Superintending Engineer, I Circle, dated 13th October 1888, No. 418 G.L.
" " " " II " " 1st " " "
" " " " III " " 2nd " " "
" " " " IV " " 1st " " " 422 E.W.
" " " " V " " 23rd " " " 3167.
" " " " VI " " 24th September " " 1480 T.J.
" Consulting Architect to Government, " 9th October " " 1041.

Resolution from the Government of India, Public Works Department (Account—
General), dated Simla, 31st October 1888, No. 386 A.G.

Provisional grants for 1889-90—Imperial Civil Works.

Resolution—

The schedules of demands for Imperial Civil Works for 1889-90 having been
considered, the Government of India is pleased to sanction the provisional grants noted
in the following table.

The Government of India regrets that the funds available for expenditure next
year will not admit of larger grants being assigned:—

Province.	New Works.	Works in progress.	Repairs.	Total Works and Repairs.	Establish- ment.	Tools and Plant.	Grand Total.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Rajputana and Central India ..	20,000	24,100	1,70,000	2,14,100	1,55,800	5,500	3,77,600
Coorg ..	14,300	14,300	45,000	74,600	32,100	2,000	1,08,700
Hyderabad ..	14,500	..	8,000	22,500	..	300	28,900
Port Blair ..	2,000	7,000	12,400	21,400	13,200	..	34,600
Inspector-General, Military Works ..	38,000	87,000	45,000	1,70,000	39,100	2,500	2,11,600
Biluchistan ..	17,500	65,300	74,000	1,56,800	36,100	2,400	1,95,300
Central Provinces ..	1,000	..	5,000	6,000	1,400	100	7,500
Assam ..	3,000	..	7,000	10,000	2,800	100	12,400
Bengal ..	85,000	21,000	1,78,000	2,84,000	62,600	4,000	3,48,600
North-Western Provinces and Oudh ..	24,600	21,000	50,000	95,600	22,000	1,400	1,19,000
Punjab ..	16,600	..	67,300	83,900	18,000	1,100	1,03,000
Madras ..	4,000	..	13,000	17,000	3,900	200	21,100
Bombay ..	45,000	..	68,000	1,13,000	25,000	1,700	1,40,700
Director-General of the Post Office of India ..	75,000	..	..	75,000	17,200	1,100	93,300
Total ..	3,59,000	2,40,200	7,43,300	13,42,500	4,34,900	23,400	18,00,800
Add expenditure in England ..							9,50,000
Grand Total ..							27,50,800

* Excluding grants for Quetta Water Works, about which orders will issue hereafter.

† Excluding grants for works to be transferred from the Central India Agency, about which orders will issue hereafter.

‡ Excluding grants for Frontier Roads, about which orders will issue hereafter.

2. The details of the provisional grants are given in a separate statement
attached to this resolution. The Director-General of the Post Office of India will
communicate to Local Governments and Administrations the grants to be included in
the Imperial budget estimates on account of major and minor postal works. This
information should be supplied as soon as possible so as to avoid any delay in the
submission of the detailed budget estimates.

Order—

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The Governments of Madras, Bombay, Bengal, the North-Western Provinces and Oudh, and the Punjab.
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ORDER—dated 8th December 1888, No. 3864 W., Public Works.

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	RS.
New works	4,000
Repairs	13,000
Establishment	3,900
Tools and plant	200
Total	21,100

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	RS.
Works	3,393
Establishment	781
Tools and Plant	51
Total	4,225

2. The budget estimate for 1889-90 has therefore been prepared for Rs. 25,325, being the total of the assignments made by the Government of India and the Director-General of the Post Office.

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(Here enter No. 3865 W., dated 8th December 1888.)

(True Extract.)

(Signed) H. R. MEAD, Colonel, R.E.,
Ag. Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Consulting Architect to Government.
" Examiner, Public Works Accounts.
" Director-General of the Post Office of India.
" Director-General of Telegraphs.
" Postmaster-General, Madras.
" Chief Superintendent of Telegraphs, Madras Division.
" Financial Department.

ENDORSEMENT—dated 8th December 1888, No. 3865 W., Public Works.
Forwarded.

Colonel, R.E.,
Ag. Secretary to Govt., P.W.D.

Exd. J. Moses.
Spare Copies

GENERAL.
ACCOUNT.

Gobt. of (1888) Madras
PUBLIC WORKS.

Dated December, 8th.

Recd.

Encl.

G.O., 8th Dec. 1888, Nos. 3864 W.,
3865 W.

DECEMBER.

Imperial Civil Works Budget
for 1889-90

Forwarding copies of the preliminary
issue of the —.

SUB-JUDGE OR DISTRICT MUNSIF'S COURT-HOUSE.

DESCRIPTIVE SPECIFICATION.

Foundation.—A depth of 5 feet is provided in the quantities, but this should be settled locally in accordance with the nature of the soil.

Brickwork.—The walls should be carried up in English bond-walls of central portion being 2½ bricks thick, ends 2 bricks thick, partitions 1½ bricks thick, verandah retaining walls 1 brick thick, except under posts, which will be half a brick thicker.

Where good bricks are obtainable the exterior of the building should be pointed.

Woodwork.—The verandah posts, trusses, doors and windows should be of teakwood, the rafters and other minor roof timbers may be of approved country wood.

Tiled roofing.—The roof will be covered with flat and pantiles; if the quality of these are good the usual unsightly "chunam bands" might be dispensed with.

All valleys should be protected with sheet lead.

Stonework.—Stone slabs 12" × 12" × 6" with mortice holes 2 inches square and 2 inches deep cut into them into which the verandah posts will rest. Slabs will also be placed under the bearings of trusses. The steps may also be of stone if procurable without great expense.

Flooring.—The floor may be of square bricks or stone slabs if the latter are easily procurable.

Interior finishing.—The interior will be fine plastered with shell lime or plastered and washed.

Finials.—The finials may be of copper, iron or wood.

The different kinds of work to be done will be executed in conformity with the standard specification of the Public Works Department.

(Signed) J. W. BRASSINGTON,
Offg Consulting Architect to Government.

ESTIMATE FORM—Detail Measurements.

Detail of work.	No.	MEASUREMENTS IN FEET.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
EXCAVATION FOR FOUNDATIONS						
<i>Court-house, record and property room.</i>						
Outer walls	...	151 3	4 10½	5 0	4,052	
Partition	1	15 0	4 10½	5 0		
Do.	1	19 0	4 1½	5 0	392	
<i>Gumastah's, Head Clerk's, Judge's retiring room, &c.</i>						
Outer walls	2	99 6	4 6	5 0	4,478	
Partitions	3	12 0	4 1½	5 0	743	
Verandah	...	261 9	3 9	5 0	4,908	
Extra for posts	28	4 0	0 3	5 0	146	
Do. at corners	8	0 3	0 3	5 0		
Do. next to walls	4	0 9	0 3	5 0	252	
Steps	1	14 0	3 0	1 6		
Do.	4	10 6	3 0	1 6		
Total, Cubic Feet	...	...	...	...	...	14,971
CONCRETE.						
<i>Court-house, record and property room.</i>						
Outer walls	...	151 3	4 10½	1 6	1,216	
Partition	1	15 0	4 10½	1 6		
Do.	1	19 0	4 1½	1 6	118	

Estimate Form—Detail Measurements—cont.

Detail of work.	No.	MEASUREMENTS IN FEET.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
<i>Gumastah's, Head Clerk's, Judge's retiring room, &c.</i>						
Outer walls	2	99 6	4 6	1 6	1,343	
Partitions	3	12 0	4 1½	1 6	223	
Verandah	...	261 9	3 9	1 6	1,472	
Extra for posts	28	4 0	0 3	1 6		
Do. at corners	8	0 3	0 3	1 6	44	
Do. next to walls	4	0 9	0 3	1 6		
Steps	1	14 0	3 0	1 6	252	
Do.	4	10 6	3 0	1 6		
Total, Cubic Feet	...	...	...	...	...	4,668
BRICKWORK IN FOUNDATIONS.						
<i>Footings.</i>						
<i>Court-house, record and property room.</i>						
Outer walls	...	151 3	2 10½	1 6	726	
Partitions	1	17 0	2 10½	1 6		
Do.	1	21 0	2 1½	1 6	67	
<i>Gumastah's, Head Clerk's, Judge's retiring room, &c.</i>						
Outer walls	2	101 6	2 6	1 6	919	
Partitions	3	14 0	2 6	1 6		
Verandah	...	267 9	1 9	1 6	703	
Extra for posts	28	2 0	0 3	1 6	23	
Do. at corners	8	0 3	0 3	1 6		
Do. next to walls	4	0 9	0 3	1 6		
<i>Above footings to ground level.</i>						
<i>Court-house, record and property room.</i>						
Outer walls	...	151 3	1 10½	2 0	567	
Extra thickness for plinth in rear wall and ends	...	43 0	0 3	2 0	22	
Partition	1	18 0	1 10½	2 0	68	
Do.	1	22 0	1 1½	2 0	50	
<i>Gumastah's, Head Clerk's, Judge's retiring room, &c.</i>						
Outer walls	2	102 6	1 6	2 0	615	
Extra thickness for plinth at ends	2	18 0	0 3	2 0	18	
Partitions	3	15 0	1 1½	2 0	101	
Verandah	...	270 9	0 9	2 0	406	
Extra for posts	28	1 0	0 3	2 0	17	
Do. at corners	8	0 3	0 3	2 0		
Do. next to walls	4	0 9	0 3	2 0		
Total, Cubic Feet	...	...	...	...	...	4,302
BRICKWORK IN BASEMENT.						
<i>Court-house, record and property room.</i>						
Outer walls	...	151 3	1 10½	2 0	567	
Extra thickness for plinth in rear and ends	...	43 0	0 3	2 0	22	
Partition	1	18 0	1 10½	2 0	68	
Do.	1	22 0	1 1½	2 0	50	

Estimate Form—Detail Measurements—cont.

Detail of work.	No.	MEASUREMENTS IN FEET.			Area or contents.	Total quantity of each description of work.	
		Length.	Breadth.	Depth.			
<i>Gumastah's, Head Clerk's, Judge's retiring room, &c.</i>							
Outer walls	2	102 6	1 6	2 0	615	}	
Extra thickness for plinth at ends ...	2	18 0	0 3	2 0	18		
Partitions	3	15 0	1 1½	2 0	101		
Verandah	...	270 9	0 9	2 0	406		
Extra for posts	28	1 0	0 3	2 0	17		
Do. at corners	8	0 3	0 3	2 0			
Do. next to walls	4	0 9	0 3	2 0			
Steps	1	12 3	2 0	1 6	139		
Do.	4	8 6	2 0	1 6			
						2,003	
Deductions—							
Stone under-posts and for steps ...	...	...	...	...	...	105	
Total, Cubic Feet ...						1,898	
BRICKWORK IN SUPERSTRUCTURE.							
<i>Court-house, record and property room.</i>							
Outer wall	...	151 3	1 10½	18 6	}	5,871	
Partition	1	18 0	1 10½	18 6			
Gable	1	18 0	1 10½	3 0			101
Partition	1	22 0	1 1½	24 6			606
<i>Gumastah's, Head Clerk's, Judge's retiring room, &c.</i>							
Outer walls	2	102 6	1 6	13 5	4,126	}	
Partitions	3	15 0	1 1½	13 5	806		
Gables	3	15 0	1 1½	2 6			
Dais wall	...	23 6	0 9	1 0			18
						11,528	
Deductions—							
At hip from partition in record and property room ...	1	9 0	1 1½	3 0	30		
Doors	9	4 0	1 10½	8 0	540		
Do.	12	4 0	1 6	8 0	576		
Do.	2	4 0	1 1½	8 0	72		
Windows	2	4 0	1 10½	6 0	90		
Do.	2	4 0	1 6	6 0	72		
Ventilators	9	4 0	1 10½	2 9	186		
Archwork as per details ...	...	...	...	...	247		
							1,813
Total, Cubic Feet ...							9,716
Archwork.							
Over doors and windows ...	11	5 0	1 10½	1 1½	116		
Do. do. ...	14	5 0	1 6	1 1½	118		
Do. do. ...	2	5 0	1 1½	1 1½	13		
Total, Cubic Feet ...						247	
Cut-stonework.							
Under-posts	40	1 0	1 0	0 5	20		
Steps	...	169 0	1 0	6 6	85		
Slabs under trusses ...	4	2 0	1 10½	0 4	5		
Do. do.	10	1 6	1 6	0 4	8		
Total, Cubic Feet ...						118	

3864-65

Estimate Form—Detail Measurements—cont.

Detail of work.	No.	MEASUREMENTS IN FEET.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
<i>Filling in basement.</i>						
Court-house	1	30 0	18 0	1 6	810	
Court dais	1	7 6	7 3	1 0	54	
Record and property room	2	22 0	8 5 1	1 6	557	
Gumastah's, head clerk's, judge's retiring room, &c.	...	81 1 1	15 0	1 6	1,825	
Verandahs	...	218 3	8 3	1 6	2,701	
Total, Cubic Feet	...	...	...	...	...	5,947
<i>Teakwood wrought and put up.</i>						
<i>Court-house, record and property room.</i>						
2 Trusses { Tie beams	2	21 9	0 4	0 7	8	
to span { Principal rafters	4	11 9	0 4	0 6	8	
18 feet. { Struts	4	5 9	0 4	0 4	3	
Purlins allowing for halving	2	47 0	0 5	0 6	20	
Do. over wall do.	2	58 6	0 4	0 4	18	
Do. do.	2	22 0	0 4	0 4	7	
Ridge	1	38 0	0 3	0 9	4	
Principal rafters in record and property room	2	11 9	0 4	0 6	11	
Hip rafters	4	19 6	0 4	0 5		
Common rafters (18 inches centre to centre)	46	14 6	0 3	0 5		
Do. do.	6	13 0	0 3	0 5	130	
Jack rafters	56	Average length. 9 0	0 3	0 5		
<i>Gumastah's, Head Clerk's, Judge's retiring room.</i>						
5 Trusses { Tie beams	5	18 0	0 4	0 6	15	
to span { Principal rafters	10	9 9	0 4	0 5	14	
15 feet. { Struts	10	4 9	0 4	0 4	5	
Purlins allowing for halving	4	41 0	0 4	0 5	23	
Do. over wall	4	45 0	0 3	0 4	18	
Do. do.	2	18 0	0 3	0 4	9	
Ridge	2	37 0	0 2 1	0 7	7	
Hip rafters	4	16 6	0 4	0 4		
Common rafters (18 inches centre to centre)	98	11 3	0 3	0 4	112	
Jack rafters	40	Average length. 6 0	0 3	0 4		
<i>Verandahs.</i>						
Posts	40	0 6	0 6	7 6	75	
Breastsummers allowing for halving.	...	282 0	0 6	0 6	71	
Ridge for entrance to court	1	11 0	0 3	0 6	1	
Ridge for end gables of verandah	4	5 6	0 2 1	0 6	2	
Hip rafters	8	17 0	0 4	0 5	19	
Hip for gable at entrance	2	11 6	0 3	0 5		
Hip do. at ends	4	8 6	0 3	0 5		
Common rafters	110	13 3	0 3	0 5	256	
Jack rafters at entrance gable	9	9 6	0 3	0 5		
Do. at corners	72	9 3	0 3	0 5		
Do. at end gables	8	8 0	0 3	0 5		
Do. do.	24	5 6	0 3	0 5		
Wall plate at front and ends of court.	...	62 0	0 4	0 3	5	

Estimate Form—Detail Measurements—cont.

Detail of work.	No.	MEASUREMENTS IN FEET.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
<i>Verandahs—cont.</i>						
Barge board at entrance gable ...	2	8 6	0 1 1	0 8	1	
Do. do. do. ...	2	3 0	0 1 1	1 0	1	
Do. do. knobs ...	2	0 6	0 6	0 9	1	
Collar piece ...	1	6 6	0 4	0 3	1	
Do. plank ...	1	5 0	0 1 1	1 9	1	
Barge boards at ends ...	8	6 6	0 1	0 7	3	
Collar pieces ...	4	5 6	0 2	0 3	1	
Plank ...	4	1 0	0 2	1 6	1	
Total, Cubic Feet ...	...	...	...	...	...	851 4
<i>Venetian and panel doors with frames.</i>						
Outer doors ...	17	4 0	...	8 0	544	
Total, Square Feet ...	...	...	...	...	...	544
<i>Panelled doors with frames.</i>						
Inner doors, and for record and property room ...	6	4 0	...	8 0	192	
Total, Square Feet ...	...	...	...	...	...	192
Venetian windows with glazed shutters and iron bars ...	4	4 0	...	6 0	...	
Total, Square Feet ...	...	...	...	...	...	96
<i>Ventilators.</i>						
For court, record and property room ...	9	4 0	...	2 9	...	
Total, Square Feet ...	...	...	...	...	...	99
<i>Wrought Iron work in trusses.</i>						
1" diar. kingrods for 18 feet trusses.	2	8 0	= 16 0	× 2.62	= 41.92	
1" hex. nut and bolt heads for do.	6	...	...	× 1.10	= 6.60	
3" diar. 1" thick washers for do.	4	...	...	× 0.32	= 1.28	
1 1/2" × 1/2" heel straps for do.	4	2 9	= 11 0	× 2.50	= 27.50	
1 1/2" × 1/2" bearing plates for do.	4	0 6 1/2	= 2 3	× 2.50	= 5.62	
2" hex. nuts for do.	8	...	...	× .267	= 2.13	
Caps of 3/4" plates 6" wide ...	2	2 0	= 4 0	× 7.51	= 30.04	
2" diar. kingrods for 15 feet trusses.	5	6 7 1/2	= 33 1 1/2	× 2.01	= 66.58	
2" hex. nut and bolt heads for do.	15	...	...	× 0.73	= 10.95	
3" diar. 1" thick washers for do.	10	...	...	× 0.32	= 3.20	
1 1/2" × 3/4" heel straps for do.	10	2 3	= 23 6	× 1.87	= 42.07	
1 1/2" × 3/4" bearing plates for do.	10	0 6 1/2	= 5 7 1/2	× 1.87	= 10.51	
2" hex. nuts for do.	20	...	...	× .267	= 5.34	
Caps of 3/4" plate 6" wide ...	5	1 6	= 7 6	× 7.51	= 56.32	
Total, lb. ...	...	...	...	...	...	310
<i>Tiled roofing with flat and pan tiles.</i>						
Court-house, &c. ...	1	61 0	...	30 0	1,830	
Gumastah's, head clerk's and judge's retiring room, &c. ...	2	46 0	...	25 0	2,300	
Verandahs ...	...	160 0	...	11 0	1,760	
Do. ...	...	80 0	...	12 6	1,000	
Square Feet ...	...	...	...	...	6,890	
Total, Squares ...	...	...	...	...	...	70

3864-65

Estimate Form—Detail Measurements—cont.

Detail of work.	No.	MEASUREMENTS IN FEET.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
<i>Flooring with 8 inches square pavement bricks.</i>						
Court-house	1	30 0	...	18 0	540	
Record and property room ...	2	8 5½	...	22 0	371	
Gumastah's, head clerk's, judge's retiring room, &c. ...	...	81 1½	...	15 0	1,217	
Verandahs	...	237 9	...	9 0	2,140	
Square Feet ...	...	...	...	...	4,268	
Total, Squares ...	...	...	...	...	...	43
<i>Plastering interior (2 coats).</i>						
Court-house	...	96 0	...	18 6	1,776	
Court gables	1	18 0	...	3 0	54	
Dais sides	2	8 0	...	1 0	16	
Record and property rooms ...	2	60 10½	...	18 6	2,252	
Additional height to partition ...	2	17 6	...	6 0	210	
Gable	1	16 10½	...	6 0	101	
Door and window jambs	11	20 0	...	1 10½	413	
Ventilator jambs	9	9 6	...	1 10½	160	
Gumastah's, head clerk's rooms, &c. ...	...	302 3	...	13 5	4,055	
Door and window jambs ...	14	20 0	...	1 6	420	
Do. do.	2	20 0	...	1 1½	45	
Deductions—						9,502
Doors	27	4 0	...	8 0	864	
Windows	4	4 0	...	6 0	96	
Ventilators	9	4 0	...	2 9	99	
Square Feet ...	...	...	...	...	...	1,059
Total, Squares ...	...	...	...	...	...	8,443
<i>Pointing exterior.</i>						
Basement all round	...	352 9	...	2 0	706	
Court-house, &c.	...	118 9	...	18 6	2,197	
Gumastah's rooms, &c. ...	2	105 6	...	13 5	2,831	
Deductions—						5,734
Doors	19	4 0	...	8 0	608	
Windows	4	4 0	...	6 0	96	
Ventilators	9	4 0	...	2 9	99	
Square Feet ...	...	...	...	...	...	803
Total, Squares ...	...	...	...	...	...	4,931
Lead sheeting for valleys	...	96 0	1 6	=144 0 × 5	720 lb.	
Mouldings over windows (exterior).	4	5 3	...	...	21	L. ft.
Railings for dais	...	...	...	...	25	L. ft.
Finials over court room	...	...	...	2 in number.		
Finials over Gumastah's and Nazarat establishment	...	...	...	2 in number.		
Finials for verandahs	...	...	...	5 in number.		

Estimate Form—Detail Measurements—cont.

Detail of work.	No.	MEASUREMENTS IN FEET.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
<i>Painting with 3 coats of Carson's paint.</i>						
Venetian and panel doors	3	544 0	...	...	1,632	
Panelled doors	2	192 0	...	...	384	
Venetian and glazed windows ...	5	96 0	...	...	480	
Ventilators	2	99 0	...	...	198	
Roof timbers including reepers and verandah posts	...	...	...	...	...	2,694
						11,800
Square Feet	...	...	...	...	...	14,494
Total, Squares	...	...	...	...	...	145
<i>Punkah.</i>						
Over dais	1	10 0	...	...	10	L. ft.

ESTIMATE FORM—Abstract.

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
		RS.		RS.	RS.
14,971 C. feet ...	Excavation for foundations (rate to include refilling of trenches) ...	...	1,000 C. feet.		
4,668 " ...	Concrete in foundations ...	...	100 "		
4,302 " ...	Brickwork in foundations ...	...	"		
1,898 " ...	Do. in basement ...	...	"		
9,715 " ...	Do. in superstructure ...	...	"		
247 " ...	Archwork ...	...	C. feet.		
118 " ...	Cut stonework ...	...	1,000 C. feet.		
5,947 " ...	Filling in basement ...	...	C. feet.		
851 " ...	Teakwood wrought and put up ...	...			
544 Sq. feet ...	Venetian and panel doors with frames complete ...	...	Sq. feet.		
192 " ...	Panelled doors with frames complete ...	...	"		
96 " ...	Venetian windows with glazed shutters and iron bars complete ...	...	"		
99 " ...	Ventilators ...	...	lb.		
310 lb. ...	Wrought ironwork in trusses ...	...			
70 Squares ...	Tiled roofing with flat and pantiles including teak reapers ...	...	Square.		
43 " ...	Flooring with 8-inch square pavement bricks ...	...	"		
85 " ...	Plastering interior (two coats) ...	...	"		
50 " ...	Pointing exterior ...	...	lb.		
720 lb. ...	Lead sheeting for roof valleys ...	...	L. feet.		
21 L. feet ...	Moulding over windows ...	...	"		
25 " ...	Hand railing for dais ...	...	Each.		
2 in No. ...	Finials over court room ...	...	"		
2 " ...	Do. at ends ...	...	"		
6 " ...	Do. for verandah ...	...	"		
145 Squares ...	Painting with 3 coats of Carson's paint. ...	...	Square.		
5 in No. ...	Add extra for finishing barge boards ...	...	Each.		
1 " ...	Punkah 10 feet long ...	...	"		
	Petty supervision ...	...			
	Contingencies ...	...			

MADRAS,
12th March 1887.(Signed) J. W. BRASSINGTON,
Offg. Consulting Architect to Government.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1887 Madras.

PUBLIC WORKS.

Dated April, 21st.

Recd.

Encl.

G.O., 21st April 1887, No. 1098 W.

APRIL.

Sub-Judge's or District Munsif's
Court-house

A revised type design for a — with tiled
roof, circulated to officers of the Public
Works Department.

Accompaniment to G.O., No. 2008 W., dated 27th July 1887.

SUB-JUDGE OR DISTRICT MUNSIF'S COURT-HOUSE.

ALTERNATIVE DESIGN WITH TERRACED ROOFING.

DESCRIPTIVE SPECIFICATION.

Foundations.—A depth of 5 feet is provided in the quantities, but this should be settled locally in accordance with the nature of the soil.

Walling.—The walls should be built in English bond, 2½ bricks, 2 bricks and 1½ bricks thick. It may be necessary to mould special bricks for the verandah piers shown 15 inches square.

Stonework.—Stone slabs should be placed at the bearings of all beams and over the terrace to receive water falling from the spouts. The steps may also be of stone, if procurable without great expense.

Woodwork.—The beams and joists may be of well seasoned Burma or Indian teak or any other durable country wood proof against white-ants.

Doors and windows.—The doors and windows to be of well seasoned Burma or Indian teak-wood. All doors opening into verandahs will be of ½ panel and ⅓ venetians. Inner doors to be panelled throughout. The windows will have outer venetian shutters and glazed shutters opening inside with 1 inch square iron bars fixed diagonally. The ventilators will be of fixed glazed sashes in two parts set apart not less than 6 inches, for permanent ventilation, with galvanized iron wire netting with ½ inch holes stretched across to prevent bats from entering.

Roofing.—The roofing will consist of "pukka terracing," care being taken that proper slopes are made for drainage towards the weep-holes, which will have shoots made of red-wood or teak-wood covered with sheet lead as shown in detail.

Flooring.—The floor may be laid with square bricks or stone slabs, if the latter are easily procurable. Where the soil is damp, the space below the flooring should be filled with river sand. Asphalt flooring is provided for the record and property room.

Interior and exterior finishing.—The interior walls will be fine plastered with shell lime and polished or plastered and washed. Where good bricks are obtainable, the exterior should be pointed. In damp soils the plinth and interior walls, about 3 feet above floor level, should also be plastered with cement.

The different kinds of work to be done will be executed in conformity with the standard specification of the Public Works Department.

(Signed) J. W. BRASSINGTON,
Offg. Consulting Architect to Government.

ESTIMATE FORM.—Detail Measurements.

Detail of Work	Number.	MEASUREMENTS IN FEET.			Area or Contents.	Total Quantity of each description of Work
		Length.	Breadth.	Depth.		
<i>Excavation for Foundations.</i>						
Court walls, four sides	...	103 6	4 10½	5 0	2,523	
Record and property room, outer walls	...	62 9	} 4 6	5 0	6,317	
Do. do. partitions	...	19 0				
Front, rear and end walls of gumastahs', head clerk's and vakils' rooms, &c.	2	99 6				
Partitions of do. do.	3	12 0	4 1½	5 0	743	
Verandah in front	...	154 9	} 4 3	5 0	5,180	
Do. in rear	2	44 6				
Steps	5	9 9	3 0	1 6	219	
Total, Cubic feet	...	...	...	...	...	14,982

Estimate Form.—Detail Measurements—cont.

Detail of Work.	Number	MEASUREMENTS IN FEET.			Area or Contents	* Total Quantity of each description of Work
		Length.	Breadth.	Depth.		
<i>Concrete in Foundations.</i>						
Court walls, four sides	...	103 6	4 10½	1 6	757	
Record and property room, outer walls	...	62 9	}	4 6	1 6	1,895
Do. do. partitions	...	19 0				
Front, rear and end walls of gumastahs', head clerk's, and vakils' rooms, &c.	2	99 6				
Partitions of do.	3	12 0	}	4 1½	1 6	223
Verandah in front	...	154 9				
Do. in rear	3	44 6	}	4 3	1 6	1,554
Steps	5	9 9				
				3 0	1 6	219
Total, Cubic feet	...	...	...	...	...	4,648
<i>Brickwork in Foundations.</i>						
<i>Footings.</i>						
Court walls, four sides	...	103 6	2 10½	1 6	446	
Record and property room, outer walls	...	64 9	}	2 6	1 6	1,083
Do. do. partitions	...	21 0				
Front, rear and end walls of gumastahs', head clerk's, and vakils' rooms, &c.	2	101 6				
Partitions of do.	3	14 0	}	2 1½	1 6	134
Verandah in front	...	156 9				
Do. in rear	2	46 6	}	2 3	1 6	843
<i>Above Footings to Ground Level.</i>						
Court walls, four sides	...	103 6	1 10½	2 0	388	
Record and property room, outer walls	...	65 9	}	1 6	2 0	878
Do. do. partitions	...	22 0				
Front, rear and end walls of gumastahs', head clerk's, and vakils' rooms, &c.	2	102 6				
Partitions	3	15 0	}	1 1½	2 0	101
Verandah in front	...	157 9				
Do. in rear	2	47 6	}	1 3	2 0	632
Extra thickness for plinth	...	345 0				
				0 3	2 0	173
Total, Cubic feet	...	...	...	...	...	4,678
<i>Brickwork in Basement.</i>						
Court walls, four sides	...	103 6	1 10½	2 0	388	
Dais walls	...	22 0	1 6	2 0	66	
Do. steps	2	4 0	2 0	2 0	32	
Record and property room, outer walls	...	65 9	}	1 6	2 0	878
Do. do. partitions	...	22 0				
Front, rear and end walls of gumastahs', head clerk's, and vakils' rooms, &c.	2	102 6				
Partitions	3	15 0	}	1 1½	2 0	101
Verandah in front	...	157 9				
Do. in rear	2	47 6	}	1 3	2 0	632
Extra thickness for plinth	...	345 0				
Steps	5	9 9		0 3	2 0	173
Do.	5	7 9		3 0	0 6	73
Do.	6	5 9		2 0	0 6	39
				1 0	0 6	14
Total, Cubic feet	...	...	...	...	...	2,396

Estimate Form.—Detail Measurements—cont.

Detail of Work.	Number.	MEASUREMENTS IN FEET.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
<i>Brickwork in Superstructure.</i>						
Court walls, four sides	...	103 6	1 10½	20 9	3,881	
Dais	...	22 6	1 3	1 6	42	
Steps	2	4 0	2 0	0 6	8	
Do.	2	4 0	1 0	0 6	4	
Record and property room, outer walls	...	65 9				
Do. do. partition	1	22 0				
Front, rear and end walls of gumastahs', head clerk's, and vakils' rooms, &c.	2	102 6	1 6	15 0	6,587	
Partitions	3	15 0				
Verandah walls in front	...	157 9	1 3	10 6	3,317	
Do. rear	2	47 6				
Parapet over court	...	106 0	1 3	1 6	199	
Do. extra height at corners	4	9 9	1 3	1 0	49	
Do. over property and record room	...	66 3	1 3	1 6	124	
Do. extra height at corners	2	5 6	1 3	1 0	14	
Binding wall over partition in do.	1	22 3	1 6	1 0	33	
Parapet over gumastahs', head clerk's and vakils' rooms, &c.	2	103 0	1 3	1 6	386	
Do. extra height at corners	4	9 3	1 3	1 0	46	
Binding walls over partitions	3	15 6	1 1½	1 0	52	
Parapet over verandah in front	...	159 5	0 10	1 3	266	
Do. in back verandah	2	47 11				
Do. extra height at corners	4	3 2	0 10	1 0	17	
Do. do. do.	2	3 8				
Coping to parapet	...	903 0	0 3	0 5	94	
Do.	...	841 0	0 3	0 3	40	
Band in verandah piers, &c.	...	247 0	0 3	0 6	31	
						15,949
<i>Deductions—</i>						
Doorways in court	7	4 0	1 10½	8 0	420	
Do. in gumastahs', &c., rooms	14	4 0	1 6	8 0	672	
Do. in do. partitions	3	4 0	1 1½	8 0	103	
Windows	4	4 0	1 6	6 0	144	
Ventilators in court room	8	4 0	1 10½	1 9	105	
Do. in gumastahs', &c., rooms	14	3 0	1 6	1 9	126	
Ventilators in record and property room	2	3 0	1 6	1 9		
Verandah arches	27	5 9	1 3	8 0	1,753	
Do.	4	5 0	1 3	8 0		
Archwork as per details	...	...	...	...	754	4,082
Total, Cubic feet	...	...	...	...	...	11,867
<i>Filling in Basement.</i>						
Court	...	30 0	18 0	1 6	810	
Dais	1	6 6	6 9	1 0	44	
Gumastahs' room	...	25 0	15 0	1 6	1,825	
Head clerk's do.	...	16 1½				
Judge's retiring-room	...	10 0				
Vakils' room	...	15 0				
Nazarat do.	...	15 0	8 7½	1 6	569	
Record and property room	2	22 0				
Verandah in front	...	140 3	7 6	1 6	2,450	
Do. in rear	2	38 9				
Total, Cubic feet	...	...	...	...	...	5,698

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Estimate Form.—Detail Measurements—cont.

Detail of Work.	Number.	MEASUREMENTS IN FEET.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
<i>Archwork.</i>						
Over court doorways	7	5 8	1 10½	1 1½	77	
Over doorways in gumastahs', &c., rooms	14	5 8	1 6	1 1½	124	
Do. in partitions	3	5 8	1 1½	1 1½	20	
Over windows	4	5 8	1 6	1 1½	35	
Do. ventilators in court	8	5 8	1 10½	1 1½	89	
Do. do.	16	4 0	1 6	1 1½	108	
Do. verandah openings	27	7 0	1 3	1 1½	301	
Do. do.	4	6 3	1 3	1 1½		
Total, Cubic feet	...	...	...	...	...	754
<i>Stone-work, Dressed.</i>						
Slabs under beams for court	4	2 0	1 10½	0 6	8	
Do. gumastahs', &c., rooms	16	1 6	1 6	0 4	12	
Do. for steps	5	29 3	1 0	0 6	73	
Slabs on terrace below shoots	32	2 0	2 0	0 3	82	
Total, Cubic feet	...	...	...	...	...	125
<i>Teak-wood wrought and put up.</i>						
<i>Court—</i>						
Beams	2	21 0	0 10	1 4	47	
Joists, 18" centre to centre	13	32 0	0 3	0 6½	56	
<i>Record and property room—</i>						
Joists, 18" centre to centre	32	10 1½	0 3	0 6	41	
<i>Gumastahs' rooms—</i>						
Beams	3	17 6	0 7½	1 1	36	
Joists	11	27 0	0 3	0 5	31	
<i>Head clerk's room—</i>						
Beams	1	17 6	0 8	1 1	13	
Joists	11	17 9	0 3	0 5	20	
<i>Judge's retiring-room—</i>						
Joists	11	11 6	0 3	0 6½	17	
<i>Vakil's room—</i>						
Beams	2	17 6	0 7½	1 1	24	
Joists	11	16 6	0 3	0 5	19	
<i>Nazarat establishment—</i>						
Beams	2	17 6	0 7½	1 1	24	
Joists	11	16 6	0 3	0 5	19	
<i>Verandahs—</i>						
Beams at angles	4	12 0	0 5	0 7½	13	
Joists	126	9 0				
Do. at angles	8	8 3				
Do. do.	8	6 9				
Do. do.	8	4 9	0 3	0 5	140	
Do. do.	8	3 9				
Do. do.	8	2 6				
Total, Cubic feet	...	...	...	...	...	500
<i>Venetian and Panel Doors with Frames.</i>						
Doors opening into verandah	19	4 0	...	8 0	608	S. ft.
<i>Panelled Doors with Frames.</i>						
Inner doors	5	4 0	...	8 0	160	S. ft.
Venetian windows with frames and iron bars including glazed inner shutters	4	4 0	...	6 0	96	S. ft.

Estimate Form.—Detail Measurements—cont.

Detail of Work.	Number.	MEASUREMENTS IN FEET.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
<i>Ventilators with fixed glazed sashes and wire netting across.</i>						
For court rooms	8	4 0	...	2 1	67	
" other "	16	3 0	...	2 1	100	
Total, Square feet ...	...	...	...	...	...	167
<i>Terraced Roofing.</i>						
Court	...	31 0	...	19 0	1,026	
Record and property room ...	...	23 0	...	19 0	1,376	
Gumastahs', judge's, &c., rooms ...	2	43 0	...	16 0	1,138	
Verandah, front	...	142 3	...	8 0	636	
Do. back	2	39 9	...	8 0		
Square feet ...	...	...	...	...	...	4,176
Total, Squares ...	...	...	...	...	...	41.76
<i>Flooring basement with 9" square bricks over concrete 6 inches thick.</i>						
Court	1	18 0	...	30 0	540	
Gumastahs', head clerk's rooms judge's retiring room, &c. ...	...	81 1½	...	15 0	1,217	
Verandahs, front	...	140 3	}	7 6	1,633	
Do. rear	2	38 9				
Square feet ...	...	...	...	...	...	3,390
Total, Squares ...	...	...	...	...	...	33.90
<i>Paving door pieces with 9" square bricks.</i>						
Court doorways	7	4 0	...	1 10½	53	
Doorways	12	4 0	...	1 6	72	
Do.	3	4 0	...	1 1½	14	
Verandah arches	27	5 0	}	1 6	263	
Do.	4	5 0				
Square feet ...	...	...	...	...	...	402
Total, Squares ...	...	...	...	...	...	4.02
<i>Flooring with asphalt ½" thick over a bed of concrete 6" thick.</i>						
Record and property room ...	2	22 0	...	8 7½	380	
Door pieces	2	4 0	...	1 6	12	
Square feet ...	...	...	...	...	...	392
Total, Squares ...	...	...	...	...	...	3.92
<i>Plastering interior.</i>						
Court	...	96 0	...	19 0	1,824	
Dais sides	2	8 0	...	1 0	16	
Record and property room ...	2	61 3	...	14 0	1,715	
Gumastahs' room	...	80 0	...	14 0	1,120	
Head clerk's room	...	62 3	...	14 0	872	
Judge's retiring-room	...	50 0	...	14 0	700	

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12

Estimate Form.—Detail Measurements—cont.

Detail of Work.	Number.	MEASUREMENTS IN FEET.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
<i>Plastering interior—cont.</i>						
Vakils' and nazarat room ...	2	60 0	...	14 0	1,680	
Door, jambs and soffits ...	7	20 0	...	1 10 1	263	
Do. do. ...	14	20 0	...	1 6	420	
Do. do. ...	3	20 0	...	1 1 1	68	
Window do. ...	4	20 0	...	1 6	120	
Ventilator do. ...	8	11 6	...	0 11 1	86	
Do. do. ...	16	9 6	...	0 9	114	
Binding walls ...	3	15 6	...	3 11	145	
Do. ...	1	22 3	...	3 0	78	
						9,221
<i>Deductions—</i>						
Doorways ...	29	4 0	...	8 0	928	
Windows ...	4	4 0	...	6 0	96	
Ventilator ...	8	4 0	...	1 6	48	
Do. ...	16	3 0	...	1 6	72	
						1,144
Square feet ...	...	...	...	...	...	8,077
Total, Squares ...	...	...	...	...	...	80.77
<i>Painting exterior.</i>						
Basement all round ...	...	310 0	...	2 0	622	
Front verandah interior ...	...	305 6	...	9 6	4,660	
Back do. ...	2	92 6	...	...	...	
Property room rear and ends	...	41 9	...	15 0	626	
Do. clearstorey ...	2	8 9	...	4 6	79	
Court do. ...	...	62 9	...	9 6	596	
Do. do. ...	...	48 3	...	5 0	241	
Gumastahs' and nazarat ends	2	25 6	...	15 0	765	
Do. do. clearstorey ...	4	40 0	...	4 6	720	
Verandah exterior ...	...	160 3	...	...	...	
Back verandah exterior ...	2	48 9	...	10 6	2,706	
Parapet walls over court ...	...	108 6	...	4 3	451	
Do. additional height ...	4	9 9	...	2 0	78	
Do. over property and record room ...	...	60 0	...	4 3	255	
Do. additional height ...	2	5 6	...	2 0	22	
Do. over gumastahs', &c., rooms ...	2	104 3	...	4 3	886	
Do. additional height ...	4	9 3	...	2 0	74	
Do. over front verandah ...	...	100 3	...	3 4	334	
Do. additional height ...	...	20 0	...	2 0	40	
Ventilator jambs ...	3	11 6	...	0 11 1	36	
Do. ...	16	9 6	...	0 9	114	
						13,365
<i>Deductions—</i>						
Doorways ...	19	4 0	...	8 0	608	
Windows ...	4	4 0	...	6 0	96	
Ventilators ...	8	4 0	...	1 6	48	
Do. ...	16	3 0	...	1 6	72	
						824
Square feet ...	...	...	...	...	...	12,541
Total, Squares ...	...	...	...	...	...	125.41
Wooden hand railing for dais ...	...	...	...	...	...	25
						Linear feet.

Estimate Form.—Detail Measurements—cont.

Detail of Work.	Number.	MEASUREMENTS IN FEET.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
<i>Painting doors and windows, 3 coats of Carson's oak paint.</i>						
Venetian and panel doors	3	...	...	608	1,824	
Panelled doors	2	...	...	160	320	
Venetian windows with iron bars ...	4	...	...	96	384	
Ventilators	2	...	...	167	334	
Square feet	...	...	...	...	...	2,862
Total, Squares	...	...	...	...	...	28.62
<i>Painting with 3 coats of zinc white paint.</i>						
Glazed shutters for windows	2	...	...	96 0	192	
Court—						
Beams	2	21 0	...	3 6	147	
Joists	18	32 0	...	0 10	347	
Record and property room—						
Joists	32	10 1½	...	1 3	405	
Gumastahs' room—						
Beams	3	17 6	...	2 9½	147	
Joists	11	27 0	...	1 1	322	
Head clerk's room—						
Beams	1	17 6	...	2 10	50	
Joists	11	17 9	...	1 1	212	
Judge's retiring-room—						
Joists	11	11 6	...	1 4	169	
Vakils' room—						
Beams	2	17 6	...	2 9½	98	
Joists	11	16 6	...	1 1	197	
Nazarat establishment—						
Beams	2	17 6	...	2 9½	98	
Joists	11	16 6	...	1 1	197	
Verandah—						
Beams	4	12 0	...	1 6	72	
Joists	126	9 0	...	1 1	1,454	
Do. at angles	...	203 0	...	1 1		
Square feet	...	...	...	...	...	4,107
Total, Squares	...	...	...	...	...	41.07
Punkah, 10 feet long	...	1 in number.			...	...

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount.	Total.
		RS.		RS.	RS.
14,982 C. ft.	Excavation for foundations ...		1,000 C. ft.		
4,648 "	Concrete in do. ...		100 "		
4,678 "	Brickwork in do. ...		100 "		
2,396 "	Do. in basement ...		100 "		
11,867 "	Do. in superstructure ...		100 "		
5,698 "	Filling in basement ...		1,000 "		
754 "	Archwork ...		100 "		
125 "	Stonework, dressed ...		C. ft.		
500 "	Teak-wood wrought and put up ...		"		

Estimate Form—Abstract—cont.

Quantity.	Description of Work.	Rate.	Per	Amount.	Total.
		RS.	Sq. ft.	RS.	RS.
608 Sq. ft.	Venetian and panel doors with frames ...				
160 "	Panelled doors with frames ...				
96 "	Venetian windows with frames, iron bars and inner glazed shutters ...				
167 "	Ventilators with fixed glazed sashes and wire netting across ...				
41.76 Sqrs.	Terraced roofing ...		Sqr.		
33.90 "	Flooring basement with 9-inch square bricks over concrete 6-inches thick ...				
4.02 "	Paving door pieces with 9-inch square bricks.				
3.92 "	Flooring with asphalt 4 inch thick over a bed of concrete 6-inches thick ...				
80.77 "	Plastering interior ...				
125.41 "	Pointing exterior ...				
25 L. ft.	Railing for dais ...		L. ft.		
28.62 Sqrs.	Painting doors and windows with 3 coats of Carson's oak paint ...		Sqr.		
41.07 "	Painting glazed shutters and roof timbers with 3 coats of zinc white paint ...				
1 in No.	Punkah, 10 feet long ...		Each.		
	Petty supervision ...				
	Contingencies ...				

MADRAS,
19th July 1887.

(Signed) J. W. BRASSINGTON,
Offg. Consulting Architect to Government.

27TH JULY 1887, No. 2008 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From J. W. BRASSINGTON, Esq., Officiating Consulting Architect to the Government of Madras, to the Chief Engineer, Public Works Department, dated Chepāk, 25th May 1887, No. 248.

With reference to paragraph 2 of G.O., No. 1098 W., dated the 21st April 1887, I have the honor to submit, for approval, a design for a sub-judge or district munsif's court-house with a terraced roof.

No. 164 D.

Forwarded for the approval of Government in the Judicial Department.

(Signed) J. O. HASTED, Colonel, R.E.,
27th May 1887. Secy. to Govt., P.W.D.

No. 1259, Judicial.

Approved, and retransferred to the Public Works Department.

(By Order.)

(Signed) A. G. CARDEW,
13th June 1887. Acting Under Secretary.

From J. W. BRASSINGTON, Esq., Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chepāk, 19th July 1887, No. 592.

With reference to G.O., No. 1259, dated the 13th June 1887, forwarded with your endorsement, No. 232 D., dated the 15th June 1887, I have the honor to submit the revised standard plan of court-house for a sub-judge or district munsif, with a terraced roof, with descriptive specification and schedule of quantities.

ORDER—dated 27th July 1887, No. 2008 W., Public Works.

The revised type design, with schedule of quantities and descriptive specification, for a sub-judge's or district munsif's court-house, with terraced roof, will be circulated to officers of the Public Works Department, for information and guidance, in continuation of G.O., No. 1098 W., dated 21st April 1887, and in supersession of the design circulated with G.O., No. 2854 W., dated 15th November 1884.

(True Extract.)

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

To Superintending Engineers.
To the Consulting Architect to Government.
" Judicial Department.

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of Madras

PUBLIC WORKS.

Dated July, 27th.

Recd.

Encl.

G.O., 27th July 1887, No. 2008 W.

JULY.

Sub-Judge's or District Munsif's
Court-house

A revised type design for a —, with
arraced roof, circulated to officers of the
Public Works Department.

PRELIMINARY ISSUE.

IMPERIAL.
CIVIL WORKS.

MADRAS.

PUBLIC WORKS DEPARTMENT.

IMPERIAL BUDGET-ESTIMATE

OF

CIVIL WORKS

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1889-90.

CHEPAR,
8th December 1888.

Colonel, R.E.,
Ag. Secretary to Govt., P.W.D.

CONTENTS.

	PAGE
ABSTRACT OF THE BUDGET-ESTIMATE OF REVENUE	2
DITTO DITTO OF EXPENDITURE	2 & 3
DETAIL OF THE BUDGET-ESTIMATE OF EXPENDITURE—	
PART I.—DETAIL OF ESTIMATE FOR ORIGINAL WORKS	4 & 5
APPENDIX TO ABOVE—	
APPENDIX A.—ABSTRACT OF THE GRANTS ARRANGED BY DEPARTMENTS AND DEPARTMENTAL	
HEADS	5

MADRAS.

REVENUE.

ABSTRACT OF THE BUDGET-ESTIMATE OF REVENUE OF THE PUBLIC WORKS DEPARTMENT FROM
CIVIL WORKS IN MADRAS FOR THE YEAR FROM 1st APRIL 1888 TO 31st MARCH 1890.

CHARGES.

ABSTRACT OF THE BUDGET-ESTIMATE OF EXPENDITURE OF THE PUBLIC WORKS DEPARTMENT ON CIVIL WORKS IN MADRAS FOR THE YEAR FROM 1st APRIL 1889 TO 31st MARCH 1890.

IMPERIAL.
CIVIL WORKS.

MADEAS.

IMPERIAL.
CIVIL WORKS.

PART

DETAIL OF THE BUDGET-ESTIMATE FOR

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.
IMPERIAL—CIVIL WORKS.				
CIVIL BUILDINGS.				
ORIGINAL WORKS.				
Major.				
Postal ...	Nilgiri ...	Naduvatam ...	1	Combined Post and Telegraph Office ...
				Total, POSTAL BUILDINGS ...
Telegraph ...			2	Minor Works ...
				Total, TELEGRAPH BUILDINGS ...
				Total, CIVIL BUILDINGS, ORIGINAL WORKS.
				Communications ...
				Miscellaneous Public Improvements ...
				Total, ORIGINAL WORKS ...

MADRAS.

3964-15
18

I.

ORIGINAL WORKS FOR THE YEAR 1889-90.

AMOUNT OF ESTIMATE.	OUTLAY.		GRANT, 1889-90.			ITEM No.	REMARKS AND REFERENCES.
	Actual to end of 1887-88.	Probable during 1888-89.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	...	3,393	...	1	Estimate is awaited.
...	...	...	...	3,393	3,393		
...	...	...	...	4,000	...	2	
...	...	...	...	4,000	4,000		
...	...	...	...	...	7,393		
...	...	...	...	...	...		
...	...	...	...	...	...		
...	...	...	...	...	7,393		

APPENDIX A.

ABSTRACT OF THE GRANTS FOR 1889-90 FOR CIVIL WORKS, ARRANGED BY DEPARTMENTS
AND DEPARTMENTAL HEADS.

	ORIGINAL WORKS.		REPAIRS.	TOTAL WORKS AND REPAIRS.	ESTAB- LISH- MENT.	TOOLS AND PLANT.	TOTAL, 1889-90.	REVISED ESTI- MATE, 1888-89.
	In progress.	Not com- menced.						
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
CIVIL BUILDINGS.								
Post Office	...	3,393	9,000	12,393	...	...	...	...
Telegraphs	...	4,000	4,000	8,000	...	...	...	...
Total, Civil Buildings ...	...	7,393	13,000	20,393	4,681	251	25,325	21,668
COMMUNICATIONS	...	...	...	...	...	...	...	...
MISCELLANEOUS PUBLIC IM- PROVEMENTS	...	...	...	...	...	...	...	...
Total ...	...	7,393	13,000	20,393	4,681	251	25,325	21,668

PUBLIC WORKS DEPARTMENT.

IMPERIAL BUDGET-ESTIMATE

OF

CIVIL WORKS

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1889-90.

CHIEF AK,
8th December 1888.(Signed) H. R. MEAD, Colonel, R.E.,
Ag. Secretary to Govt., P.W.D.

CONTENTS.

MADRAS.

MADEAS.

IMPERIAL.
CIVIL WORKS.

ABSTRACT OF THE BUDGET-ESTIMATE OF EXPENDITURE OF THE PUBLIC WORKS DEPARTMENT ON CIVIL WORKS IN MADRAS FOR THE YEAR FROM 1st APRIL 1889 TO 31st MARCH 1890.

IMPERIAL
CIVIL WORKS.

PART

DETAIL OF THE BUDGET-ESTIMATE FOR

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.
IMPERIAL—CIVIL WORKS.				
CIVIL BUILDINGS.				
ORIGINAL WORKS.				
Major.				
Postal ...	Nilgiri ...	Naduvatom ...	1	Combined Post and Telegraph Office ...
				Total, POSTAL BUILDINGS ...
Telegraph ...			2	Minor Works ...
				Total, TELEGRAPH BUILDINGS ...
				Total, CIVIL BUILDINGS, ORIGINAL WORKS.
				Communications ...
				Miscellaneous Public Improvements ...
				Total, ORIGINAL WORKS ...

I.

ORIGINAL WORKS FOR THE YEAR 1889-90.

AMOUNT OF ESTIMATE.	OUTLAY.		GRANT, 1889-90.			ITEM No.	REMARKS AND REFERENCES.
	Actual to end of 1887-88.	Probable during 1888-89.	Works in progress.	Works not com- menced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	...	3,393	...	1	Estimate is awaited.
...	...	...	...	3,393	3,393		
...	...	...	...	4,000	...	2	
...	...	...	...	4,000	4,000		
...	...	...	...	...	7,393		
...	...	...	...	...	...		
...	...	...	...	...	...		
...	...	...	...	...	7,393		

APPENDIX A.

ABSTRACT OF THE GRANTS FOR 1889-90 FOR CIVIL WORKS, ARRANGED BY DEPARTMENTS
AND DEPARTMENTAL HEADS.

	ORIGINAL WORKS.		REPAIRS.	TOTAL WORKS AND REPAIRS.	ESTAB- LISH- MENT.	TOOLS AND PLANT.	TOTAL, 1889-90.	REVISED ESTI- MATE, 1888-89.
	In progress.	Not com- menced.						
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
CIVIL BUILDINGS.								
Post Office	...	3,393	9,000	12,393	...	...	...	...
Telegraphs	...	4,000	4,000	8,000	...	...	...	...
Total, CIVIL BUILDINGS ...	...	7,393	13,000	20,393	4,681	251	25,325	21,668
COMMUNICATIONS	...	...	...	...	...	...	...	...
MISCELLANEOUS PUBLIC IM- PROVEMENTS	...	...	...	...	...	...	...	...
Total ...	...	7,393	13,000	20,393	4,681	251	25,325	21,668

19TH SEPTEMBER 1883, No. 2655 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from Major S. C. CLARKE, R.E., Officiating Superintending Engineer, Third Circle, to the Chief Engineer, Public Works Department, dated Bellary, 18th August 1883, No. 1428:—

In accordance with the orders contained in G.O., No. 46 W., of the 8th of January 1883, I have the honor now to submit my report on the proposed scheme for supplying the various officers of the Anantapur District with house and cutcherry accommodation, and to forward an approximate estimate (Rs. 1,80,000) for the entire set of buildings.

2. After consultation with the Collector of Anantapur it has been decided to recommend the following cutcherries and bungalows being constructed at an early date, and I have, to the best of my ability, endeavoured to keep down the estimates to within the prescribed limits laid down by the Collector, who very justly remarked that the officers could not be expected to pay more than about one-tenth of their income for house-rent.

3. The buildings have been classified in accordance with their computed cost, as all are urgently needed:—

	Approximate Estimate.	At 5 per cent. Monthly Rept.
	RS.	RS.
Collector's Cutcherry	36,000	...
Collector's House	30,000	120 to 125
Taluk Cutcherry	27,300	...
Surgeon's Bungalow	16,300	70
Superintendent of Police	16,300	70
Assistant Collector	10,000	40
Assistant Superintendent of Forests	10,000	40
Apothecary	3,500	15
Inspector of Police	3,500	15
Assistant Superintendent of Salt Department	10,000	40
Sub-divisional Officer, Public Works Department	3,500	15
	1,66,400	

4. As there is some doubt about the two last-named buildings being considered equally urgently needed, they have been put at the end of the list.

It will be necessary to add to the sum total given above the following items:—

Value of site purchased for the Collector's Bungalow	...	...	Rs. 8,000
And other contingent items	...	...	5,600
			13,600
Making a Grand Total of	...	...	1,80,000

5. An estimate (Rs. 4,040) has lately been submitted for a Registrar's Office, but, as stated in my letter, No. 1404, of 16th instant, it is now suggested to hand over the existing Collector's Cutcherry to the Registrar, and to build an entire new building for the Revenue Department, as after a personal inspection I disapproved of the alterations originally proposed to be made to the existing old building, which even if carried out would not offer any accommodation for the Collector himself nor his Assistants (European).

6. I do not consider it necessary to recommend the immediate substitution of an Assistant Engineer, Public Works Department, in place of an Upper Subordinate, but it might be found requisite later on. If the sub-division is supervised by a competent European Upper Subordinate, I am confident that the Executive Officer of the Bellary Division should be able to carry on the administration of his district satisfactorily. It has been a difficult task to offer the requisite interval house accommodation for the several officers, if married men, without enhancing the total cost of the buildings, and thereby raising the monthly rental but every effort has been made to economise in every particular; fortunately, the late experiments made by the Sub-divisional Officer, in burning the gneiss stratification within a short distance from the sites selected for the new Civil Cantonment, has proved beyond doubt that stone material of a good quality can be supplied near at hand, and that consequently the rate for stone-work in that part can be reduced about 40 per cent.

7. The sites selected are undoubtedly good as regards elevation and freedom from the exhalations from the irrigated land lying below the Anantapur tank, but I am afraid that it will be found necessary to sink several of the house wells to a considerable depth before reaching the spring-water line.

8. In compliance with your instructions, the contractors (Messrs. Meppin, Pritchard and Co.) will, in anticipation of final orders, make immediate arrangements for collecting the several building materials, and Mr. Pritchard has, I believe, proceeded to Bangalore to purchase and make arrangements for making up the wood-work required, all of which can be carted direct to Anantapur.

ORDER—dated 19th September 1883, No. 2635 W., Public Works.

His Excellency the Governor in Council is of opinion that, for the present, it will be sufficient to undertake the construction of the following buildings at Anantapur:—

- * Estimate sanctioned in G.O., No. 2200 W., dated 9th August 1883.
- (1.) House for Collector.
 - (2.) House for Superintendent of Police.
 - (3.) Taluk Cutcherry.*
 - (4.) Collector's Cutcherry.

2. The Superintending Engineer will accordingly submit, at the earliest possible date, plans and estimates for the foregoing buildings, for sanction and appropriation of funds; and will report meanwhile the total sum which he expects to be able to spend on the buildings during the current official year, to admit of money being allotted for the purpose.

3. With respect to the first and second of the buildings named above, the Superintending Engineer's attention is called to paragraph 1229 of the Public Works Code, which provides that the rent to be recovered is to be fixed "so as to cover interest at 4½ per cent. on the actual or estimated cost of the property, in addition to a fair allowance for risks and for the cost of repairs."

With advertence to this rule, it will probably be necessary to fix the rental of the two houses in question at a percentage of 6½ or 7 on the cost; and the Government are of opinion that the sums named in paragraph 3 of the Superintending Engineer's letter, as the monthly rental to be recovered, viz., Rs. 125, from the Collector, and Rs. 70 from the Superintendent of Police, should not be exceeded.

The designs for the two houses will have to be prepared accordingly, so as to bring the estimates within the necessary limit.

(True Extract.)

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

To the Superintending Engineer, Third Circle, with Memoranda.

"	Revenue Department.
"	Public do.
"	Judicial do.

Exd. A. F. Goodall.
Spare Copies

25
BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1883) Madras.

PUBLIC WORKS.

Dated September, 19th.

Recd.

Encl.

G.O., 19th Sept. 1883, No. 2635 W.

SEPTEMBER.

Office and House Accommo-
dation at Anantapur

Passing orders on the general scheme
submitted by the Superintending Engineer,
Third Circle, for —.

Judicial DEPARTMENT.

ENCLOSURE.S. 5

In a letter from the Inspector
General of Police, dated Madras

10 November 1888.
No. 5807

Preliminary Issue.

Imperial
Public Works

Madras.

Public Works Department.

Imperial Budget-Estimate
of
Public Works

of the
Government of Madras.
for the year
1889-90.

Chepak
8th December 1888.

M. M. M. Colone R.R.
Ag. Secretary to Govt. P. W. D.

Contents.

	Page
Abstract of the Budget-Estimate of Revenue -	2
— do ——— do ——— of Expenditure	243
Detail of the Budget-Estimate of Expenditure.	
Part I - Detail of Estimate for Original Works	445
Appendix to above -	
Appendix A - Abstract of the grants arranged by Departments and Departmental Heads	6.

Abstract of the charges to be incurred in the Public Works Department from Imperial,
Local Funds and Contributions in both India and England. 28

	Actuals 1897-98 Rs.	Budget Estimate 1898-99 Rs.	Revised Estimate 1898-99 Rs.	Budget Estimate 1899-00.							
				Original Works			Repairs	Establishment	Tools and Plant	Expence Account	Total.
				In pro- gress Rs.	Not com- menced Rs.	Total Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Provision from Imperial Funds—											
In India	22,214	18,700	21,668	7,393	7,393	13,000	4,681	251		25,325	
Total	22,214	18,700	21,668	7,393	7,393	13,000	4,681	251		25,325	

Provisions from Local Fund In India	"	"	"	"	"	"	"	"	"	"	"
Provisions from Contributions In India	"	"	"	"	"	"	"	"	"	"	"
Total	22,214	18,700	21,668	21,282	7,393	7,393	13,000	4,681	251	25,326	

Statement showing the works on which outlay in England above provided for is to be ^{incurred}

<i>Actuals 1887-88</i>	<i>Budget Estimate 1888-89</i>	<i>Revised Estimate 1888-89</i>	<i>In progress</i>	<i>Not commenced</i>	<i>Total</i>	<i>Tools and Plant</i>	<i>Expenses Acctd.</i>	<i>Total</i>
------------------------	------------------------------------	-------------------------------------	--------------------	----------------------	--------------	------------------------	------------------------	--------------

— Nil —

Imperial
Civil Works.

Part
Detail of the Budget Estimate for Original Works

Head of Classification	Executive Division	Locality	Item No.	Projects and Works
<p>Imperial Civil Works. Civil Buildings. Original Works.</p> <p>Major.</p>				
Postal	Kiljiri	Naduvattam	1	Combined Post and Telegraph Office
				Total, Postal Buildings
Telegraph	"	"	2	Minor Works
				Total, Telegraph Buildings
				Total, Civil Buildings, Original Works
<p>Communications Miscellaneous Public Improvements</p>				
				Total Original Works

Madras.

I

for the year 1889-90.

29

4

Amount	Outlay	Grant, 1889-90.	Item	Remarks and References.
of Estimate 1887-88	Actual to end of 1888-89	Probable Works in progress	Works not commenced	Total No.
"	"	"	3,393	" 1 Estimate is awaited.
"	"	"	3,393	3,393
"	"	"	4,000	" 2
"	"	"	4,000	4,000
"	"	"	"	7,393
"	"	"	"	"
"	"	"	"	"
"	"	"	"	7,393

Appendix A.

Abstract of the grants for 1889-90 for Civil Works arranged by Department and Departmental Heads.

	Original Works		Total Works		Total Reestablishment		Total Tools and Plant		Revised Estimate	
	In progress	Not commenced	Repairs	and Repairs	ment	Plant	1889-90	1888-89		
	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs		
Civil Buildings										
Post Office	"	3,393	9,000	12,393	"	"	"	"		
Telegraphs	"	4,000	4,000	8,000	"	"	"	"		
Total Civil Buildings	"	7,393	13,000	20,393	4,681	251	25,325	21,668		
Communications	"	"	"	"	"	"	"	"		
Miscellaneous Public Improvements	"	"	"	"	"	"	"	"		
Total	"	7,393	13,000	20,393	4,681	251	25,325	21,668		

1/5/12

Imperial Civil works Budget estimate.

First Circle

Statement showing the amount of the estimated requirements in lump sums the provided in the Imperial Civil works Budget estimate for the year 1889-90

Divisions	Minor works.			Repairs			Tools & Plant	Remarks.
	Civil Buildings	Com-muni-Cations	Mis-cellaneous Public Improv.	Civil Buildings	Com-muni-Cations	Mis-cellaneous Public Improvements.		
Rushikulya	-	-	-	-	-	-	-	
Gajana	-	-	-	400	-	-	-	
Vizagapatam	}	}	}	700	-	-	-	
				500	-	-	-	
Godavari Eastern	-	-	-	500	-	-	-	
Godavari Central	-	-	-	-	-	-	-	
Godavari Western	-	-	-	-	-	-	-	
Total	-	-	-	2,100	-	-	-	

Prudat. Richman

Lieut Col Rle
Superintendent of Engineer, Circle.

Budget estimate of
 the Imperial Civil
 works for 1889-90

Imperial Civil Works.

Abstract of the Budget estimate of expenditure under Imperial Civil Works for 1889-90

Divisions	Civil Buildings		Grand Total	Remarks
	Postal Telegraph Salt	Total		
	Original Repairs works	Original Repairs works	Original Repairs works	
Kistna Eastern	150	250	400	400
Kistna Western	100	100	200	200
Nellore	100		100	100
Total	350	350	700	700

Supl^y Engrs office
 10th October/88

2 22
 J. H. Annam
 Superintending Engineer
 P. Civil

Imperial - Civil Works.

Statement of approximate outlay during the official year 1888-89 Called for in G.O. No 22886
of the 16th August 1888 on Works in the 2nd Circle

Divisions	Civil Buildings			Grand Total	Remarks
	Postal Telegraphs	Original Buildings	Total		
	Original Buildings - works	Original Buildings - repairs	Original Buildings - works	Original Buildings - repairs	Original Buildings - works
Kishta Eastern	150	250	400	400	
Kishta Western	100	100	200	200	
Nellore	100		100	100	
Total	350	350	700	700	

33

Supl^y Engrs Office
1st October 1888

W. M. M. M.
Superintending Engineer
H. C. C. C.

III. Biels.

Statement showing the proposed expenditures in the ensuing official year and the approximate outlay in the current official year under all Budget heads assigned to the "Assigned Works" being specified in detail, to accompany the Budget Estimate for 1889-90.

Division	Details	Estimated Amount	Grant for 1888-89	Approved expenditure during 1888-89	Approved expenditure during 1889-90	Remarks
Allegany Judicial Municipal Library	<u>Superior - Civil Works</u>					
	<u>Original Works - Total</u>					
	<u>etc.</u>					
	<u>Repairs - Total</u>					
	<u>Annual repairs - Summary</u>					
	_____ \$_____		200	200	200	
	_____ \$_____		200	200	200	
	<u>Special Repairs</u>				1300	
	<u>Annual repairs</u>		200	200	200	
	_____ \$_____		200	200	200	
	_____ \$_____		200	200	200	

deputy Engineer
County of Plunkanda
2nd October 1888

A. M. M. M. M.
deputy Engineer
3rd June

2nd Biels.

Superior Civil works
Budget for 1889-90.

From
The Suptg Engineer
3rd Circle
Becary

To
The Chief Engineer
P.H. Dept
Madras

Dated 2nd October/88
Recd

Statement to accompany
the Imperial Budget Estimate
of Civil Works for the year
1889-90.

Imperial
Civil Works

Imperial Budget Estimate of Civil Works for the year
1889-90

III Circle

Head of Classification	Division District	Items	Estimate 1889-90		Estimate 1888-89	
			Amount	Total	Amount	Total
		Imperial Civil Works Original Est.				
		Imperial Civil Works Repairs.				
	Postal Becary Becary	Annual Repairs	200		200	
	Buddapah Buddapah	do	200		200	
		Special Repairs - Repairs to Post office at Jammalmadugay do at Buddapah	1500			
	Annual Annual	Annual repairs	200		200	
				1900		600
	Telegraph Becary Becary	do	200		200	
				200		200
		Total Civil Works		2100		800

Suptg Engr's office
Camp Pennthonda
2nd October 1888

A. Smalley Colcl
Suptg Engineer
3rd Circle

From Mr. C. A. ...
The Supt. Engineer

3rd Circle

Bellary

To

The Chief Engineer

P. S. Dept.

Madras

Dated 2nd of October/88
Recd 3/10/88

Imperial Budget
estimate of Civil Works
for the year 1889-90.

B

Imperial.
Civil Works.

IV Circle.

Enclosure 2 of a letter from the
Supt. Engineer, IV Circle, No 42
d/1-10-88

Public Works Department.

Imperial Budget - Estimate
of
Civil Works.
in the
Fourth Circle
for the year
1889-90.

Camp Salcode }
1st October/88 }

J. W. Austin
Executive Engineer
in charge, 4th Circle.

Imperial.
Civil works.

^{m¹}
IV Circle.

Contents.

	Page
Abstract of the Budget Estimate of Revenue.	1
Do Do of expenditure.	2+3
Details of the Budget Estimate of expenditure.	
Part 1. Detail of Estimate for Original works.	⁴ 3

Appendix to the above.

Appendix A. Abstract of the grants arranged by Departments and Departmental Heads.	5
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Imperial
Civil works.

IV Circle

23

Revenue.

Abstract of the Budget Estimate of Revenue of
the P. W. Department from Civil Works in the IVth Circle
for the year from 1st April 1889 to 31st March 1890.

- Ad -

Charges.

Abstract of Budget Estimate of Expenditure of the
P. W. Department on Civil works in the 14th Circle
for the year from 1st April 1889 to 31st March 1890.

(2)

(3)

29

Detail of the Budget Estimate for Original works for the year 1889-90.

R

Head of Executive Classification	Division	Locality	Item No.	Projects and Works.	Amount of Estimate	Outlay		Grant 1889-90.		Remarks and References		
						Actual to end of 1887-88.	Probable during 1888-89.	Works in progress	Works not commenced		Total	Item No.
Imperial Civil Works.												
Major.												
Postal		Nilgiri Neduvattam	1.	Constructing a 6 th class Post and Telegraph office with Post Master's quarters at Neduvattam. ———	4,000				4,000	"	1.	Estimate sent by the Ex. Engineer to the Superintendent of Post Offices for countersignature on the 14 th October 1887. Vide also para 8 of the G.O. No 460 M. dated 19 th December 1887.
Minor Works.												
Ditto		West Coast. Perypore	2.	Constructing an additional room and a Cook house for the use of the Signaller and improving Post Office. ———	1,776.				1,700		2.	Estimate sent by the Executive Engineer to the Superintendent of Post Offices for countersignature with his No 1103 dated 1 st December 1886.
			3.	Unforeseen Minor Postal works Nilgiri Division Rs 500					500		3.	
				Do Minor Telegraph								
				Total						6,200		

Appendix A

Abstract of the Grants for 1889-90 for Civil Works, arranged by Departments and Departmental Heads.

	Original works		Total works and repairs	Estab-lish-ment Plant	Tools and Plant	Total 1889-90	Revised Estimate 1888-89.
	In Progress	Not Commenced					
Civil Buildings.							
Post office.	"	6200	1400	7600	"	7600	2644.
Telegraphs.	"	"	500	500	"	500	200.
Total Civil Buildings	"	6200	1900	8100	"	8100	2844.

Imperial Civil works.

Statement showing the approximate expenditure under all Budget heads during 1888-89 to accompany the Budget for 1889-90.

Name of work	amount of Estimate 1887-88	Expenditure to end of 1888-89	approximate outlay in 1888-89	Remarks.
<u>Postal</u>				
<u>Major Works</u>				
Nil.				
<u>Minor</u>				
Nil.				
Postal Repairs.	"	"	1000	Whole of Budget grant not required
<u>Telegraph</u>				
<u>Major</u>				
Nil				
<u>Minor</u>				
Nil				
Telegraph Repairs	"	"	200	Do.

Cert. Contd. 2
15th Sept 1889 3

W. E. Britton
Executive Engineer
Bilgiri Siva

Statement showing approx-
-imate expenditure under Imp
-erial for 1888-89.



West Coast Division

Statement showing the approximate Outlay under Imperial
Civil works during 1888-89.

33

Head of Classification

Imperial
Civil Buildings
Postal

Major

Minor

Total Original

Repairs

approx. proposed
- make out-outlay in
- lay during 1889 & 90.
1888-89.

8900

1700

344

10600

600

800

Calcutta

11 Sept 1889

Comr. Col. B. B.

For Secretary to Govt.



Comptrolere Division

Statement showing the proposed expenditure in the year 1889-90 and the approximate outlay in the current official year under the head Imperial Civil Works.

Q. B. Lambert
Executive Engineer

3rd September 1880.

4
10.

The Chief Engineer
P. W. Department

Dated 23^d October 1888.



No. 3167.

Imperial other services
Budget Estimate of the
in 5th Circle for the year 1889-90.

Ms. 10857

Imperial
Civil Works

Detail of the Budget Estimate for Original Works for the year 1889-90.

6th Circle

Part I

Nil.

N.B. If the alterations to the Royal Artillery Barracks at Trichinopoly are not completed and the Collector's present Cutcherry vacated before the end of March/89 Rs 427 under Postal and Rs 236 under Telegraph, Minor Original Works, will be required in 1889-90 for alterations to the Collectors Cutcherry at Trichinopoly to adapt it for use as Post and Telegraph offices.

Superintending Engineer's office

Trichinopoly 24th Sept 1888.

Sept 29th

L. W. Sturtevant

Superintending Engineer

Trichinopoly

26

Imperial
Civil Works

6th Circle
Part II

Detail of Budget Estimate of Repairs for the year 1889-90.

Head of Classification	Executive Division	Locality	Items	Estimate 1889-90		Estimate 1888-89	
				Amount	Total	Amount	Total
Postal	Tanjore	"	Civil Works				
			Sundry Repairs when required	300		300	
	Negapatam	"	do	200		"	
	Trichinopoly	"	do	200		100	
	Madurai	"	do	200		100	
	Tinnevely	"	do	500		300	
			Total Repairs		1400		* 900
Telegraph	Tanjore	"	Sundry repairs when required	100		"	
	Negapatam	"	do	50		110	
	Trichinopoly	"	do	100		"	
	Madurai	"	do	50		50	
	Tinnevely	"	do	300		200	
			Total Repairs		600		360

* These are the sums granted in G.O. No. 1969 W of

2nd July 1888.

N.B. For 1889-90 demands for repairs to Postal or Telegraph buildings have not been received from the departments concerned, but the sums applied for are intended to meet any demands that may be made in the course of the year.

Superintending Engineer's office
Trichinopoly 24th September 1888.
Sept 29th *He*

J. W. Pringle
Superintending Engineer
VI Circle.

Enclosure to Public Works Department Resolution No. 386A. G., dated 31st October 1888.

Statement showing details of the Provisional grants for Imperial Civil Works, assigned to the several Local Governments and Administrations for outlay in 1889-90.

Provinces.	Head of Classification.	Particulars.	New Works.	Major Works in progress.	Repairs.	Total Works and Repairs.	Establishment.	Tools and Plant.	Grand Total.
RAJPUTANA AND CENTRAL INDIA.	Civil Buildings, Central India.	Minor Works	Rs. 5,000	Rs. ...	Rs. 21,600	Rs. 26,600	Rs. ...	Rs. ...	Rs. ...
			5,000	...	21,600	26,600	...	...	...
		II Section Nowgong and Sutna Road—Chut-terpore to Ken river, 30 miles...	...	3,000	...	3,000	...	...	...
		III Section, Nowgong and Sutna Road—Ken to Punnah, 13½ miles	...	4,000	...	4,000	...	...	...
		IV Section, Nowgong and Sutna Road—Punnah to Nagode, 25½ miles	...	4,000	...	4,000	...	...	...
	Communications, Central India.	IV Section, Banda and Sagar Road—Angur to Durgou, 25 miles	...	6,000	...	6,000	...	...	...
		Ghat portion of Sagar and Banda Road	...	5,000	...	5,000	...	...	...
		Minor Works and Repairs	4,000	...	85,000	89,000	...	...	...
			4,000	22,000	85,000	1,11,000	...	...	...
	Civil Buildings, Raj-putana.	Minor Works	6,000	...	...	6,000	...	...	...
		Total Rajputana and Central India—Carried over	15,000	22,000	1,06,600	1,43,600	...	...	...

Statement showing details of the Provisional grants for Imperial Civil Works, assigned to the several Local Governments on 1st April 1899, 1899—contd.

Province.	Head of Classification.	Particulars.	New Works.	Major Works in progress.	Repairs.	Total Works and Repairs.	Establishment.	Tools and Plant.	Grand Total.
RAJPUTANA AND CENTRAL INDIA.	Communications, Rajputana.	Total Rajputana and Central India—Brought over	Rs. 15,000	Rs. 22,000	Rs. 1,06,600	Rs. 1,43,600	Rs. ...	Rs. ...	Rs. ...
		Completing road from Khotra to Kherwara ...	...	...	...	...	...	...	...
		Minor Works	...	2,100	...	2,100	...	...	...
	Civil Buildings and Communications, Rajputana.	Repairs	5,000	...	...	5,000	...	...	...
		Establishment and Tools and Plant, Central India and Rajputana	5,000	2,100	...	7,100	...	...	...
COORG.	Law and Justice ...	Total Rajputana and Central India	30,000	24,100	1,70,800	2,14,700	1,55,800	6,500	3,77,000
		Circuit House, Pollibetta	6,200	...	...	6,200	...	...	...
		Minor Works	2,600	...	...	2,600	...	...	...
	Communications	Opening out road from Verojampet to Perinipalam	...	12,000	...	12,000	...	...	...
		Bridge across the Canyery at Siddapur	4,500	2,800	...	7,300	...	...	...
COORG.	Communications	Metalling of Marwara-Siddapur Road	1,500	...	...	1,500	...	...	...
		Minor Works	...	...	...	...	...	...	...
		Total Coorg	6,900	14,800	...	20,800	...	...	...
	Civil Buildings and Communications.	Repairs	...	...	45,000	45,000	...	...	...
		Establishment and Tools and Plant	...	...	...	...	32,100	2,000	...

HYDERABAD	Civil Buildings and Communications.	Repairs	...	...	45,000	45,000	...	...	...
		Establishment and Tools and Plant	...	...	...	...	32,100	2,000	...
		Total Coorg	14,800	14,800	45,000	74,600	32,100	2,000	1,08,700
	Administration	Offices and Clerks' quarters, Bolarum Residency	5,000	...	...	5,000	...	...	...
		Minor Works	1,500	...	...	1,500	...	...	...
PORT BLAIR	Ecclesiastical	Enlargement of Church at Bolarum	8,000	...	...	8,000	...	...	...
		Repairs	...	...	8,000	8,000	...	...	...
		Establishment and Tools and Plant	...	...	...	...	5,200	300	...
	Penal Settlements...	Total Hyderabad	14,500	...	8,000	22,500	5,200	300	28,000
		Chatham Saw Mill	...	4,000	...	4,000	...	...	...
PORT BLAIR	Penal Settlements...	Bamboo Flat Saw Mill	...	1,500	...	1,500	...	...	...
		Protheropore Saw Mill	...	1,500	...	1,500	...	...	...
		Minor Works and Repairs	2,000	...	12,400	14,400	...	...	...
	Establishment	...	...	...	...	...	13,200	...	...
		Total Port Blair	2,000	7,000	12,400	21,400	13,200	...	34,600

Statement showing details of the Provisional grants for Imperial Civil Works, assigned to the several Local Governments and Administrations for outlay in 1889-90—contd.

Province.	Head of Classification.	Particulars.	New Works.	Major Works in progress.	Repairs.	Total Works and Repairs.	Establishment.	Tools and Plant.	Grand Total.
INSPECTOR GENERAL, MILITARY WORKS.	Ecclesiastical	Protestant Church, Quetta	Rs. ...	50,000	...	50,000	Rs. ...	Rs. ...	Rs. ...
		Ditto, Mooltan	...	37,000	...	37,000	...	...	...
		Ditto, Allahabad	30,000	...	...	30,000	...	...	...
		Minor Works and Repairs	8,000	...	45,000	53,000	...	...	...
		Establishment and Tools and Plant	35,000	87,000	45,000	1,70,000	39,100	2,500	...
	Total Inspector General, Military Works		38,000	87,000	45,000	1,70,000	39,100	2,500	2,11,600
	Administration	Political Officers' residence, Kohjak	...	6,400	...	6,400	...	...	...
		Minor Works	5,000	...	...	5,000	...	...	...
	Law and Justice	Tobacco and Thana at Loralai	...	10,600	...	10,600	...	...	...
		Minor Works	1,000	...	...	1,000	...	...	...
BILUCHISTAN	Police	Minor Works	1,000	...	...	1,000	...	...	...
	Jails	Ditto	1,000	...	...	1,000	...	...	...
	Medical	Additions to Civil Hospital at Quetta	...	4,300	...	4,300	...	...	...
		Minor Works	1,000	...	...	1,000	...	...	...
	Total Biluchistan		1,000	4,300	...	5,300	...	...	...

CENTRAL INDIA.	Miscellaneous	Minor Works	3,000	...	...	3,000	...	...	...
	Minor Departments, Survey, Communications	Quarters for Survey parties, Quetta	...	44,000	...	44,000	...	...	...
	Civil Buildings and Communications.	Road from Rasool Valley to Duki	5,500	...	...	5,500	...	...	...
		Minor Works	2,000	...	...	2,000	...	...	...
		Repairs	7,500	...	...	7,500	...	...	...
	Postal	...	...	...	74,000	74,000	...	...	...
		Repairs	17,500	65,300	74,000	1,56,800	38,100	2,400	1,95,300
		Minor Works and Repairs	...	...	3,500	3,500	...	...	...
	Telegraph	Establishment and Tools and Plant	1,000	...	1,500	2,500	...	...	...
		Total Central Provinces	1,000	...	5,000	6,000	...	...	...
ASSAM	Telegraph	Minor Works	8,000	...	...	8,000	...	...	...
	Civil Buildings	Repairs	...	...	7,000	7,000	...	...	...
	Establishment and Tools and Plant		...	...	...	...	2,300	100	...
	Total Assam		3,000	...	7,000	10,000	2,300	100	12,400
	Salt and Customs	Minor Works	1,000	...	...	1,000	...	...	...
BENGAL	Mint and Currency	Ditto	3,000	...	...	3,000	...	...	...
	Opium	New opium buildings, Bettiah	...	20,000	...	20,000	...	...	...
		Bungalow, office and weighing shed at Eldari	...	1,000	...	1,000	...	...	...
		Minor Works	2,500	...	...	2,500	...	...	...
	Total Bengal—Carried over		2,500	21,000	...	23,500	...	...	...

Statement showing details of the Provisional grants for Imperial Civil Works, assigned to the several Local Governments and Administrations for outlay in 1889-90—contd.

Province.	Head of Classification.	Particulars.	New Works.	Major Works in progress.	Repairs.	Total Works and Repairs.	Establishment.	Tools and Plant.	Grand Total.
BENGAL	Telegraph	Total Bengal—Brought over	Rs. 6,500	Rs. 21,000	Rs. ...	Rs. 27,500	Rs. ...	Rs. ...	Rs. ...
		Upper storey to store office building at Dhulunda	30,000	...	...	30,000	...	...	...
		Minor Works	5,000	...	...	5,000	...	...	...
	Viceregal Buildings	Extensions and Improvements, Government House, Calcutta	35,000	...	...	35,000	...	...	...
		New supplies and repairs of furniture	28,000	...	43,000	71,000	...	...	...
		Minor Works	10,000	...	7,000	17,000	...	...	...
		Minor Works	38,000	...	50,000	88,000	...	...	...
	Administration, Government of India Secretariat & Treasury Buildings, Minor Departments (Surveyor General's Office.) Press	Minor Works	2,000	...	...	2,000	...	...	...
		Ditto	1,000	...	...	1,000	...	...	...
		Ditto	500	...	...	500	...	...	...
NORTH-WESTERN PROVINCES & OUDH.	Civil Buildings (excluding Viceregal)	Repairs	...	...	1,28,000	1,28,000	...	...	...
		Establishment and Tools and Plant	...	...	...	...	62,600	4,000	...
		Total Bengal	83,000	21,000	1,78,000	2,82,000	62,600	4,000	3,48,600
	Forests	Additional accommodation in Forest School buildings at Dehra	11,600	...	...	11,600	...	...	...
		Two Trash godowns, Ghazipur	...	21,000	...	21,000	...	...	...
	Opium	Extension of Caking room verandah, Ghazipur	8,000	...	...	8,000	...	...	...
		Minor Works	1,000	...	...	1,000	...	...	...
		...	9,000	21,000	...	30,000	...	...	...
	...	...	...	...	...	...	...	...	...
		...	...	...	...	...	...	...	...

PUNJAB	Telegraph	Minor Works	4,000	...	...	4,000	...	...	...
	Civil Buildings	Repairs	...	...	50,000	50,000	...	...	...
		Establishment and Tools and Plant	...	...	...	...	22,000	1,400	...
		Total North-Western Provinces and Oudh	24,600	21,000	50,000	95,600	22,000	1,400	1,19,000
	Administration—Government of India, Secretariat Buildings	Minor Works	2,000	...	8,700	10,700	...	...	...
		Ditto	9,200	...	6,100	8,300	...	...	...
		New supplies and repairs of furniture	8,400	...	1,000	10,000	...	...	...
	Viceregal Buildings and Staff Houses.	Maintenance of electric lights	...	...	16,000	16,000	...	...	...
		Repairs to buildings	...	...	15,400	15,400	...	...	...
		...	8,400	...	33,000	41,400	...	...	...
MADRAS	Postal	Ditto	...	...	14,300	14,300	...	...	...
	Telegraph	Minor Works and Repairs	4,000	...	5,200	9,200	...	...	...
		Establishment and Tools and Plant	...	...	...	...	18,000	1,100	...
		Total Punjab	16,600	...	67,300	83,900	18,000	1,100	1,03,000
	Telegraph	Minor Works and Repairs	4,000	...	4,000	8,000	...	...	...
		Repairs	...	...	9,000	9,000	...	...	...
		Establishment and Tools and Plant	...	...	...	...	3,900	200	...
	Postal	...	...	...	...	...	...	...	...
		...	...	...	...	...	...	...	...
		Total Madras	4,000	...	13,000	17,000	3,900	200	21,100

Province.	Head of Classification.	Particulars.	New Works.	Major Works in progress.	Repairs.	Total Works and Repairs.	Establishment.	Tools and Plant.	Grand Total.	
BOMBAY	Salt	Stices to embankments of salt pans, Dharasna	Rs. 6,000	Rs. ...	Rs. ...	Rs. 6,000	Rs. ...	Rs. ...	Rs. ...	
		Minor Works	14,000	...	...	14,000	...	...	...	
	Mint and Currency and Administration.	Additions to weighing room, Bombay Mint	4,000	...	...	4,000	...	...	...	
		Reconstruction of six furnaces	3,000	...	...	3,000	...	...	...	
		Minor Works	1,000	...	...	1,000	...	...	...	
	Telegraph	Additional shed in store yard, Bombay	13,000	...	...	13,000	...	...	...	
		Minor Works	4,000	...	...	4,000	...	...	...	
		Civil Buildings	Repairs	17,000	...	...	17,000	...	...	...
	DIRECTOR GENERAL OF THE POST OFFICE OF INDIA.	Postal (excluding Upper and Lower Burma).	Establishment and Tools and Plant	...	...	68,000	68,000	...	...	...
			Total Bombay	45,000	...	68,000	1,13,000	20,000	1,700	1,40,700
Lump sum grant for Major and Minor Works to be distributed by the Director General			75,000	...	...	75,000	17,000	1,100	93,300	
		Grand Total	3,59,000	2,40,200	7,43,300	13,42,500	4,34,900	23,400	18,00,800	
			Add—Expenditure in England			...			9,50,000	
			GRAND TOTAL			...			27,50,800	

SECRETARY TO GOVERNMENT
42 NOV. 88
P.W. DEPARTMENT, MADRAS.

No. 386 A.G.
GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
ACCOUNT.
General.

Provisional grants for 1889-90.—Imperial Civil Works.

Simla, the 31st October, 1888.

RESOLUTION.—The schedules of demands for Imperial Civil Works for 1889-90, having been considered, the Government of India is pleased to sanction the provisional grants noted in the following table.

The Government of India regrets that the funds available for expenditure next year will not admit of larger grants being assigned :—

Province.	New Works.	Works in progress.	Repairs.	Total Works and Repairs.	Establishment.	Tools and Plant.	Grand Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Rajputana and Central India	20,000	24,100	1,70,600	2,14,700	1,55,800	6,500	3,77,000
Coorg	14,800	14,800	45,000	74,600	32,100	2,000	1,08,700
Hyderabad	14,500	...	8,000	22,500	5,200	300	28,000
Port Blair	2,000	7,000	12,400	21,400	13,200	...	34,600
Inspector General, Military Works	33,000	87,000	45,000	1,70,000	39,100	2,500	2,11,600
Biluchistan	17,500	65,300	74,000	1,56,800	36,100	2,400	*1,95,300
Central Provinces	1,000	...	5,000	6,000	1,400	100	7,500
Assam	3,000	...	7,000	10,000	2,300	100	12,400
Bengal	83,000	21,000	1,78,000	2,82,000	62,600	4,000	3,48,600
North-Western Provinces and Oudh	24,600	21,000	50,000	95,600	22,000	1,400	†1,19,000
Punjab	16,600	✓	67,300	83,900	18,000	1,100	†1,03,000
Madras	4,000	✓	13,000	✓17,000	✓3,900	✓200	✓21,100
Bombay	45,000	...	68,000	1,13,000	26,000	1,700	1,40,700
Director General of the Post Office of India.	75,000	...	...	75,000	17,200	1,100	93,300
Total	3,59,000	2,40,200	7,43,300	13,42,500	4,34,900	23,400	18,00,800
Add expenditure in England					...	...	9,50,000
Grand Total					...	...	27,50,800

* Excluding grants for Quetta Water Works about which orders will issue hereafter.
† Excluding grants for works to be transferred from the Central India Agency about which orders will issue hereafter.
‡ Excluding grants for Frontier Roads about which orders will issue hereafter.

2. The details of the provisional grants are given in a separate statement attached to this Resolution. The Director General of the Post Office of India will communicate to Local Governments and Administrations, the grants to be included in the Imperial Budget Estimates on account of Major and Minor Postal Works. This information should be supplied as soon as possible so as to avoid any delay in the submission of the detailed Budget Estimates.

ORDER.—Ordered, that the foregoing be communicated to the Local Govern-

The Governments of Madras, Bombay, Bengal, the North-Western Provinces and Oudh, and the Punjab.
The Chief Commissioners, Central Provinces, Assam and Coorg.
The Resident at Hyderabad.
The Agents to the Governor General for Central India, Rajputana and Baluchistan.
The Superintendent of Port Blair and Chief Commissioner, Andaman and Nicobar Islands.
The Inspector General of Military Works.
The Director General of Telegraphs.
The Director General of the Post Office of India.

ments, Administrations and Officers noted in the margin for information and guidance, with the request that the preliminary issues of the Budget Estimates may be submitted so

as to reach this office without fail by the 15th January next.

Ordered also, that a copy be forwarded to the Finance Department for information.

Colonel, R.E.,
Secy. to the Govt. of India.

No 4462 c of 14 - 21 - 88

4063 c of 12 - 11 - 87

POST OFFICE.



No. 5995

In any further correspondence on this subject, the No. and date of this letter should be quoted.

Calcutta the 30 November 1888.

FROM

THE DIRECTOR-GENERAL OF THE POST OFFICE OF INDIA,

TO

The Secretary to the
Government, Madras
P. W. Department.

Sir,

Referring to para 2 of the Government of India Public Works Department Resolution No. 386A.G. dated the 31st October last, regarding provisional grant for 1889-90 for imperial civil works and in continuation of my telegram of the 20th November 1888, I have the honor to request that you will be good enough to include the sum of Rupees 3393 for the Combined Post and Telegraph office at Naduvattam in the Imperial Budget Estimate of your Government for the year 1889-90 regarding

regarding the grants for minor works
the Government of India in the Public
works Department has been requested
to place a lump sum at the disposal
of this office as "Reserve with the Govern-
ment of India" for minor postal public
works to be executed in the year 1889-90.
From this amount appropriations for
such works in the several provinces
will be sanctioned in the same manner
as has been done in the year 1888-89.
Under these circumstances it is not
necessary to include anything for postal
minor works in the Imperial Budget
estimate

estimate of Madras for the year
1889-90.

I have the honor to be
Sir,
Your most obedt. servt.

H. W. M.
Asst. Director General.

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PUBLIC WORKS DEPARTMENT

68

F. D. ¹⁴⁸ 06850
 Class *D T* Official Instructions
 To *Madras*
 From *Calcutta*
 No. *post*
 Date *70-16-48*
 Words *50/16* *Madras*
 Index No. *works*
 ABSTRACT.

your 4462
 C. November 14th
 only major work
 combined post
 telegraph office at
 Madhavaram Coet
 4000 of which
 postal share 339
 minor works
 allotment

Transmitted to
 Date Time Signaller.
** Director General
 Post Office*

Turn Over.

MADRAS 20-11-88

F. D.

188

Class

Official Instructions.

To

From

From

No.

Date

To

Words

Index No.

2 ABSTRACT.

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year at disposal
of director General
no prior Division
made to provinces.

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Turn Over.

Transmitted to

Date

19/16
Time
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Signaller.

MADRAS 20-11-88

20,400
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300
25,200

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PUBLIC WORKS DEPARTMENT

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the Dec^r 8. 1888

Read the following

From the Suptg. Engineer I Circle. H. E. No. 418 G. L. d/13 October 1888.

Do — do — II Circle. dated 1st October 1888.

Do — do — III Circle. dated 2nd October 1888.

Do — do — IV Circle. H. E. No. 422 G. L. d/11 October 1888.

Do — do — V Circle. H. E. No. 317 d/23 October 1888.

Do — do — VI Circle. H. E. No. 1400 J. d/24 September 1888.

Consig. Architect to Govt. H. E. No. 1041 d/9 October 1888.

From the Secy. of India, P. W. Department. H. E. No. 386 A. G. d/31 Oct. 1888.

Telegram from the Director General of the Post Office of India d/20 Nov. 1888.

Letter from — do — do — do — H. E. No. 5995 d/30 Nov. 1888.

In their resolution above recorded, the Govt. of India have assigned a provisional grant of Rs. 25,000 for expenditure on Imperial Civil Works in this Presidency during 1889-90, and distributed the same under the Departmental heads as shown below.

New Works	Rs. 4,000
Repairs	13,000
Establishment	3,900
Tools and Plant	200

Total 21,100.

With reference to paragraph 1 of the resolution, the Director General of the

Post Office of India has, in his telegram dated 20 November 1888, provided as further grant of Rs. 3,393 for the postal share of the cost of the combined Post and Telegraph Office at Nadiwattam. This, together with the percentage charges for "Establishment and Tools and Plant" will amount to Rs. 4,225 as shown below:-

Works	Rs. 3,393
Establishment	" 781
Tools and Plant	" 51
Total Rs. 4,225	

2. The budget estimate for 1889-90 has therefore been prepared for Rs. 26,325 being the total of the assignments made by the Govt. of India and the Director General of the Post Office.

The Director General of the Post Office of India has reported that the grant for minor works of 1889-90 will remain at his disposal as in the current year, and that no prior decision will be made to Provinces.

The grant of Rs. 4,000 provided for Telegraph minor works will, with reference to G.O. No. 863 Wd/9 April 1885,

be placed at the disposal of the Director General of Telegraphs.

4. On receipt, early in next year, of detailed proposals from Suptg. Engrs. and the Consulting Architect ~~the~~ as regards the grants required for incomplete and minor new works under Postal and Telegraph, the Director General concerned will be requested to make the necessary appropriations.

5. The grant for Repairs will, as usual, be held at the disposal of Govt. and distributed on receipt of detailed proposals from Suptg. Engrs. and the Consy. Architect ~~to Govt.~~ with reference to para 1322 of the P.W. Code.

6. The difference between the budget and the revised estimate for 1888-89 is due to the transfer to Assam, of Rs. 250 under telegraph minor works, and to the several appropriations made during the year by the Director General for the Post Office of India for Postal minor works of this P.

7. With these remarks, the preliminary issue of the Imperial Civil Works budget for 1889-90 will be printed and circulated to the officers concerned, and four copies forwarded to the Govt. of India.

H. Se. No. 3865 W of S. Secy/88

Forwarded.

WCB
5.12.88

Mh
6/12/88

Printed by the Govt. Press

2/12/88

- To Suptg. Engineer ✓
- The Hon'g Architect to Govt.
- " Examiners P. W. Accounts
- " Director General of the Post office of India
- " Director General of Telegraphs
- " Postmaster General, Madras
- " Chief Suptt of Telegraphs, Madras Div.
- " Finance Dept.

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6712
6.11.88
P. S. 11.88

Cont of 1888

PUBLIC WORKS

W. J. G. 10/12

O.O. 8 Dec 1888, No. 3864

3865

Imperial civil works

Budget for 1889-90

Orders circulating
the preliminary spec
of the

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Imperial civil works

Budget for 1889/90

Form of copies
of the preliminary

W. J. G.