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 (3) Initials of the Referencer la

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W DEPARTMENT

G.O. No.	2588(W)	Press.
B.P. No.	2588+89	Mis.
Dated	4-10-1882	197.

Not to be folded or roughly handled

la

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads,
Civil Works.

No. 21.

READ—the following letter from B. F. CHISHOLM, Esq., Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chepauk, 18th September 1882, No. 465 :—

I have the honor to submit herewith a revised estimate for completing the new Post and Telegraph Office in Madras.

G.O., Public Works Department, No. 1132,
dated 8th May 1876.

Do. do., No. 147 W., dated 18th January 1881.

2. The original estimate was submitted on the 5th of March 1875, with my letter No. 482.

3. Notwithstanding the lapse of time there has been but little rise in any rate with the exception of teakwood, and the necessity for revision is due almost entirely to the extra accommodation which has been from time to time provided especially on the Post Office side of the building.

4. The accommodation provided in the plans formerly submitted as compared with that exhibited on the present drawings is set forth in the following table :—

5. *Post Office.*

	Original Plan.			Revised Plan.		
	FT.	IN.	S. FT.	FT.	IN.	S. FT.
Despatch Department ...	48	0	1,453	55	9	1,589
Ship and Steamer Department.	48	0	960	55	9	1,589
Mail and Receipt do. ...	48	0	1,728	55	9	1,589
Banghy Despatch do. ...	48	0	1,230	55	9	1,589
Registration Office ...	22	3	525	20	0	485
Inquiry Office ...	22	3	525	29	0	580
Postmaster's Office ...	19	10½	487	22	0	490
Do. Clerks ...	23	6	517	24	3	540
Postmaster-General's Office ...	22	0	484	22	0	484
Office Assistant, &c. ...	25	0	500	25	0	500
Postmaster-General's Clerks ...	39	9	795	49	6	990
Dead Letter Office ...	20	0	935	59	6	2,142
Printing Establishment in basement ...	19	7½	1,425	19	7½	1,425
Strong-room ...				12	3	129
Do. keeper ...				22	0	281
Money Order Office ...				55	0	1,100
Room above Dead Letter Office.				35	0	446
Government Savings Bank ...				55	0	1,403
Total Area, Original =			11,519	Revised =		17,351

6.

Telegraph Office.

	Original Plan.			Revised Plan.		
	FT. IN.	FT. IN.	S. FT.	FT. IN.	FT. IN.	S. FT.
Receiving Clerks	15 0	× 49 1½	= 737	40 0	× 15 0	= 600
Message Booking Office				18 0	× 15 0	= 270
Sorting Clerks						
Signal room	60 4½	× 24 0	= 1,440	65 0	× 24 0	= 1,560
Assistant Superintendent's Office	40 6	× 18 1½	= 734	22 0	× 19 0	= 418
Despatching Clerks	15 0	× 30 9	= 461	15 0	× 37 0	= 555
Extension Company's Signal Office	24 0	× 20 3	= 486	24 0	× 18 0	= 432
Do. Superintendent's do.	24 0	× 31 0	= 504	24 0	× 18 0	= 432
Assistant Superintendent's Clerks	28 1½	× 22 0	= 618	24 3	× 20 0	= 485
Superintendent's Clerks	28 1½	× 22 0	= 618	62 7½	× 22 0	= 1,178
Do. Office	22 0	× 23 0	= 484	23 9	× 22 0	= 633
Total Area, Original = 6,091			Revised = 6,543			

7. The original estimate amounted to Rs. 5,02,202.

The estimate now submitted, exclusive of the mules stables, amounts to Rs. 5,92,664

8. It will be remembered that the site now occupied by the new building was encumbered with the Commissariat mules stables; and new lines by order of the Government were constructed on the sand by the margin of the sea. The cost of these structures, amounting to Rs. 12,872, was debited to the Post Office, hence although the charge is now included in the estimate it is omitted in the above comparative statement.

9. The only material changes in the plan affecting the cost adversely are the tiled paving in lieu of terrace, and the ribbed plate for giving light to the store-rooms below the great hall, both of which I regard as essential improvements on the original plans.

10. The cost of the whole structure will be 4 annas 3.89 pies per cubic foot, enclosed.

11. Comparing this with the cost of the other buildings recently constructed in Madras with stone dressings the relative rates are as follows:—

a. Madras Presidency College, finished 1869		4½ annas.
b. " Senate House " 1879		3¾ do.
c. " New Post and Telegraph Office		4½ do. nearly.

I will now review each building separately.

Telegraph Office.

12. Original Estimate		Rs. 2,57,192
Revised Estimate		" 2,91,748
Difference in excess		" 34,556

No changes of much importance have been made since the original plans were sanctioned. The tower-room and a room by the side of it have been added to the accommodation and several alterations in the names of rooms have been made. These changes have not materially increased the bulk of the building and the advance in cost is due merely to the advanced rate of teak and minor charges.

Post Office.

13. Original Estimate		Rs. 2,45,000
Revised Estimate		" 3,13,788
Difference in excess		" 68,788

3

In the Post Office many changes have been made with the view of giving the maximum extent of accommodation. A Money Order Office and Savings Bank have been constructed, and the building extended over the west side of the quadrangle. Iron columns and girders have been substituted for walls where practicable with the view of increasing accommodation, and the tower-room and the adjoining room both above and below have been included in the main building, in addition to this the Postmaster-General expressed his intention of using the greater part of the lower floor originally classed store-rooms, this necessitated raising the floor 2 feet, but inasmuch as the additional height was merely out of from the height of the second storey the alteration involved no extra expenditure. If we take the cost of the original estimate, add to it the sum due to the enhanced cost of teak, Rs. 3,495, the sum due to the additional accommodation provided, Rs. 41,825, also the cost of the mules stables, drainage, water-supply and fixtures not included in the original estimate (about Rs. 6,000) we arrive at a figure which closely tallies with the revised estimate of Rs. 3,13,788, thus:—

Original estimate for Post Office		Rs. 2,45,000
Enhanced price of teak, say		3,495
Additional accommodation		42,000
Cost of Mules Stables		13,000
Drainage and water-supply		6,000
Total		3,10,000

No. 22.

ORDER—dated 4th October 1882, No. 2588 W., Public Works.

Ordered to be forwarded for the sanction of the Government of India.

(Here enter No. 2589 W., dated 4th October 1882.)

(True Extract.)

Lieut.-Col., R.E.
Ag. Under Secy. to Govt., P.W.D.

Exd. S. T. Austin.
Spore Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1882) Madras
PUBLIC WORKS.

Dated October, 4th.

Recd.

Enc.

G.O., 4th Oct. 1882, No. 2588 W.

OCTOBER.

Nos. 21-22.

Post and Telegraph Offices at
Madras.

Plan and Estimates for the new combined
—, ordered to be forwarded to the Govern-
ment of India.

4TH OCTOBER 1882, No. 2589 W., PUBLIC WORKS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

No. 23.

LETTER—from

COLONEL R. H. SANKEY, R.E., C.B.,
Secretary to Government, Public Works Department,

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

SIR,

With reference to your letter No. 105 C.W.B., dated 30th March 1876, I am directed to forward, for the sanction of the Government of India, the accompanying revised plan and estimates for the new combined Post and Telegraph Offices at Madras, and to state that the Consulting Architect's letter and report fully explain the necessity for their submission.

I have the honor to be,

Sir,

Your most obedient servant,

Lieut.-Col., R.E.,
Ag. Under Secy. to Govt., P.W.D.

FORT ST. GEORGE,
4th October 1882.

Exd. S. T. Austin.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1882) Madras.
PUBLIC WORKS.

Dated October, 4th.

Recd.

Encl.

4th Oct. 1882, No. 2589 W.

OCTOBER.
No. 23.

Post and Telegraph Offices at
Madras.

FORWARDING for sanction plan and estimate of the new combined —.

N^o 465

Consulting Architects Office
Shepheard 18th September 1882

From

The Consulting Architect

to Government

To

The Chief Engineer, P.W.D.

Roads and buildings branch

Ref

Reference

G.O. P.W.D. N^o 1138

d/ 8th May 1876

G.O. P.W.D. N^o 1470

d/ 18th January 81

1 I have the honor to submit herewith a Revised Estimate for completing the New Post and Telegraph Office in Madras.

2 The Original Estimate was submitted on the 6th of March 1875 with my letter N^o 482

3 Notwithstanding the lapse of time there has been but little rise in any rate with the exception of teakwood and the necessity for provision is due almost entirely to the extra accommodation which has been from time to time provided especially on the Post Office side of the building.

4 The accommodation provided in the plans formerly submitted as compared with that exhibited on the present drawings is set forth in the following table.

Post Office	Original plan	Revised plan
Despatch Department	45 x 28-1/2 = 1288	45-9 x 28-6 = 1589
Ship and Steamer Department	44 x 28 = 1232	45-9 x 28-6 = 1589
Mail and receipt Department	43 x 36 = 1548	45-9 x 28-6 = 1589
Branchy Despatch	45 x 25-7/2 = 1230	45-9 x 28-6 = 1589
Registration Office	22-3 x 22-7/2 = 495	22 x 24 = 528
Enquiry Office	22-3 x 22-7/2 = 495	22 x 24 = 528
Postmaster's Office	19-1/2 x 22 = 427	22 x 22-3 = 484
Do Clerk	22-1 x 22 = 484	24-3 x 22-3 = 540
Postmaster General's Office	22 x 22 = 484	22 x 22 = 484
Office assistant	25 x 20 = 500	25 x 20 = 500
Postmaster General's Clerk	32-9 x 25 = 795	49-6 x 20 = 990
Dead letter Office	20 x 26-9 = 538	59-6 x 26 = 1542
Printing establishment		
in basement	19-7/2 x 72-7/2 = 1425	19-7/2 x 72-7/2 = 1425
Strong room		12-3 x 10-6 = 129
Strong room keeper		22 x 12-9 = 281
Money Order Office		55 x 20 = 1100
Room above Dead letter Office		35 x 12-9 = 446
Government Savings Bank		55 x 25-6 = 1403
Total area Original	11519	Revised 17357

Telegraph Office	Original plan	Revised plan
Receiving Clerk	12-0 x 47-1/2 = 787	
Message Booking Office		40 x 15 = 600
Sorting Clerk		18 x 15 = 270
Signal room	65-1/2 x 24 = 1469	65 x 24 = 1560
Assistant Supt's Office	46-6 x 18-1/2 = 734	22 x 19 = 418
Despatching Clerk	18-0 x 32-3/4 = 461	15 x 37 = 555
Extension boy signal Office	24-0 x 20-3/4 = 486	24 x 18 = 432
Do Supt's Office	24-0 x 21 = 504	24 x 18 = 432
Assistant Supt's Clerk	22-1/2 x 22 = 495	24-3 x 20 = 485
Superintendent's Clerk	22-1/2 x 22 = 495	52-7/2 x 22 = 1158
Do Office	22 x 22 = 484	28-9 x 22 = 633
Total area Original	6091	Revised 6543

7 The Original Estimate amounted to Rs. 502,202
The Estimate now submitted exclusive
of the Mules Stables amounts to Rupees. 592,664

8 It will be remembered that the site now
occupied by the new building was encumbered
with the commissariat Mules Stables; and new
lines by order of the Government were constructed
on the sand by the margin of the sea. The
cost of these structures amounting to Rupees
128,772 was debited to the Post Office; hence although
the charge is now included in the Estimate it
is omitted in the above Comparative Statement.

9 The only material changes in the plan affect-
ing the cost adversely are the tiled paving in lieu
of terrace, and the ribbed plate for giving
light to the store rooms below the great Hall
both of which I regard as essential improve-
ments on the Original plans.

10 The cost of the whole structure will be 4 annas
2.89 Pais per Cubic ft enclosed.

11 Comparing this with the cost of the other build-
ings recently constructed in Madras with stone dressing
the relative rates are as follows; -

A. Madras Presidency College finished 1869: 4 1/2 annas
B. " Panabai House " 1879. 3 1/4 " "
C. " New Post & Telegraph Office: 4 1/2 annas nearly

I will now review each building separately

Telegraph Office

12 Original Estimate ————— Rs 257,172

Revised Estimate ————— 291,748

Difference in excess ————— 34,576

No changes of much importance have been made since the original plans were sanctioned. The tower room and a room by the side of it have been added to the accommodation and several alterations in the names of rooms have been made. These changes have not materially increased the bulk of the building and the advance in cost is due merely to the advanced rate of teak and minor charges.

Post Office

13 Original Estimate ————— Rupees 2,45,010

Revised Estimate ————— 3,13,788

Difference in excess Rs. 68,778

In the Post Office many changes have been made with the view of giving the maximum extent of accommodation. A money order office and Savings Bank have been constructed, and the building extended over the west side of the quadrangle. Iron columns & girders have been substituted for walls where practicable with the view of increasing accommodation, and the tower room and

the adjoining room both above and below have been included in the main building. In addition to this the Postmaster General expressed his intention of using the greater part of the lower floor originally closed store rooms, this necessitated raising the floor 2 feet but inasmuch ^{as} the additional height was merely cut off from the height of the second storey the alteration involved no extra expenditure. If we take the cost of the original Estimate add to it the sum due to the enhanced cost of teak Rupees 3,495 the sum due to the additional accommodation provided Rupees 4,825 also the cost of the Mules Stables, Drainage, water supply & fixtures not included in the origl. Estimate (about 6,000 Rs) we arrive at a figure which closely tallies with the Revised Estimate of Rupees 3,13,788. thus; —

Original Estimate for Post Office Rs.	2,45,000
Enhanced price of teak say ———	4,000
Additional accommodations ———	42,000
Cost of Mules Stables ———	13,000
Drainage and water supply ———	6,000
Total Rupees.	3,10,000

I have the honor to be

Sir

your most obedt servant.

W. M. M. M.

Comdly Asst. to Governor.

A. S. 885 - 3-4-76

" " 1532 - 2-6 - "

" " 3570 - 2-12 - "

" " 1138 - 9-5-76

" " 1648 - 18-1-81

" " 2264 H. 12-9 - "

" " 308 - 6-1-82

B - " 224 H. 26-1 - "

A - " 546 H. 2-3 - "

" " 1282 H. 22-5 - (orig)

" " 1290 H. 15-6 - "

P.W.C. No. 6347

Roads and Buildings

From

The Hon'g. Asst. to Govt

To

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

No. 465

Dated 15th September 1882

Received. 14

No. of enclosures. 2/1

(Hans)

Submit Revised plans
and Estimates for the Post
and Telegraph Office. Madras

1539

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C. No. 6347

P. W. Department

Note by Budget Section.

Work

Remarks and References.

Combined Post and Telegraph
Office Madras.

Fund	Imperial	Other Services
Service Head	Civil Buildings	
Departmental Head	Original Estimate	Post Office Telegraph Office
Amount of estimates	Rs. 3,13,788	2,91,748
Expenditure in previous year	85,948	1,79,155
Allotment in current year	1,30,000	51,000
Balance required to complete	97,840	61,593
Total Rs.	3,13,788	2,91,748

Note of available funds.

Under para 2136 of the P.W. Code the sanction of the Govt. of India is necessary to these revised estimates. The Consulting Architect does not include in the Original Estimate (Rs. 2,57,192) for the Telegraph Office, the estimate of Rs. 2,86,444 sanctioned in No. 2264 of 14th Sept 78. The figure given in the Budget for 1882-83 (Imperial & Other Services) as the amount of estimate for the Telegraph Office is Rs. 2,60,036. The Budget provision for the current financial year is Rs. 1,30,000 for the Post Office and Rs. 51,000 for the Telegraph Office at Madras. The Consulting Architect does not apply for additional funds.

Budget Clerk.

CH 2247

consisting of stables and
Coachhouses for
Post Office & Post master,
Sheds for horse keepers &
their families, Quarters for
mail Sergeants, do not
appear yet to have been
decided on.

The provision for
Latrines on the Telegraph
Office side on the ground
floor, is 14 ft. from the
Duffin rooms, seems
objectionable as likely to
prove offensive.

Extra accommodations
on the Post Office side of the
building exceeds the Original
Design by 5832 Sq. ft.,
& the Del: side of the building
by 452 Sq. ft., aggregating
to 63 Squares. The cost of a
sq. is taken at Rs: 1062,
as per revised Est. - so
 $1062 \times 63 = \text{Rs: } 66,906$ and
Rs: 36,428 becomes

The excess, which may be
disposed of as follows,

Mule Shed — 13000
Enhanced price of Tank 4000
Drainage & water supply — 6000
Omissions in Original Est.
inclusive

Current No. 6347

Letter No. 465

Dated the 18th Sept. 1882

From the Consulting Architect to Govt.

NOTE OF REMARKS.

The revised Plans of the Combined
Post & Del: Office at Madras,
are as follows:

Revised Est. General Post Office	Rs: 313788
Original — do —	245010
Increase	Rs: 68778

Revised Est. Del: Office	Rs: 291740
Original — do —	257192
Increase	Rs: 34548

Total increase Rs: 103334 or
Rs: One lac & three thousand
three hundred & thirty four.

The Comparative Statements
submitted explain the cause
of differences, excess, &
omissions in the Original
Estimate - which are as
follows,

— Telegraph Office —

1. Extra thickness of concrete
below foundations which produced
a corresponding difference in
the brickwork.
2. The Plinth altered from
brickwork to Stone.

3. Enhanced rates in Leekwood.

4. Paving terrace floors with compressed tiles.

5. Extra ceiling to mitigate the heat.

6. Ventilators to roof of 3rd story.

7. Cast iron troughs, & wrought iron fixtures.

8. Lead sheeting for flushing omitted in Original Est.

9. Galvanized Iron instead of zinc fall pipes.

10. Fittings for water closets.

11. Finials omitted in Original Est.

12. Furniture, such as, counters & Benches added at the request of the authorities.

13. Lightning conductors, water supply & drainages omitted in Original Est.

Post Office

1. Extra thickness of concrete below foundations which produced a corresponding increase in brickwork.

2. Additional rooms added by order of the Post Master General.

3. Extra thickness to brickwork in upper part of tower.

4. The Plinth altered from brickwork to stone.

5. Paving terrace floors with compressed tiles.

6. Enhanced rates in Leek.

7. Rough cast plate pavement.

8. Extra iron grated doors.

9. Extra ceiling to mitigate the heat.

10. Ventilators to roof of 3rd story.

11. Wrought iron girders, bolted iron joists, & cast iron Columns were added to give greater accommodations.

12. Cast lead sheeting omitted in Original Est.

13. Galvanized Iron instead of zinc fall pipes.

14. Fittings for water closets.

15. Staircases for the whole building.

16. Finials omitted in Original Est.

17. Fixtures, such as, Iron doors for strong room, Letter boxes, Counters & Benches.

18. Lightning conductors, water supply, diversion of, & temporary drains & drainages omitted in Original Est.

19. Net expenditure on, or in relation to, the building amounting to Rs. 12,872.

The net amount of Contingencies for Post & Tel. Office amount to Rs. 28,221 or a little more than 1/3 per cent on the Grand Total of the Revised Est. —

No provision has been made for certain outposts or subsidiary buildings.

258884
11

inclusive of stone work, Ditchings, Iron girders, joists & Columns etc. — 134 28

Total Rs. 36,428

The countersignatures of the Authorities concerned are not obtained.

11

21/9/82

No 2588 W

PUBLIC WORKS DEPARTMENT

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 4th October/82

Read the following:—

Letter from the Consulting
Architect to Government } H. E. No 465 dated 18th Sept/82

Ordered to be
forwarded for the sanction
of the Government of India.

H. E. No 2588 W dated 4th October/82

To
The Secy to the Govt of India
P.W. Dept.

Sir,

With reference to
your letter No 105 C. W. Bd of
30th March 1876, I am
directed to forward for
the sanction of the Govt
of India, the accompanying
revised plan and estimates
for the new Combined Post
and Telegraph Offices
at Madras, and to
state that the Consulting
Architect's letter and
report

report fully explain the
necessity for their
Submission.

Cu

23.9.82

reg. to b
Species of Ruas
12/10/82

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12/10/82

ref 25/9/82 3/10

13-10-15 11
17-2-20

634/1

Govt of (1882) Madras
PUBLIC WORKS.

Dated

6/10

Recd.

Encl.

G. O. 4th Sept. 1882, No. 2588 u.
2589 u.

Nos. 21 to 23

Post & Telegraph offices
at Madras.

Plan & Estimates for
the new combined
building to be given to the
Govt. Engineer.

Do do do

For sanction
to the Plan & Estimates
of the new combined

Encls. in Receipt Reg.

4/10

5/10