

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	1839	Press Mis.
SD-51		
Dated 5th August 1872		

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
5th August 1872*

No 50. Read the following letter from the Consulting Architect to Government, to the Secretary to Government, Public Works Department, dated Madras, 22nd June 1872, No 81 —

I HAVE the honour to lay before you the following report and enclosures marginally noted, with reference to paragraph 3 of G O, No 69, dated 11th January last, on the subject of the old Palace at Madura

Plan No	1
" "	2
" "	3
" "	4
Estimate "	77
" "	78
" "	79
" "	80

2. The Government grant towards this work for the current year amounts to Rupees 10,000, but as certain sums of money will come from other sources and raise the available amount to Rupees 21,000, I have thought it advisable to lump all together and to submit one estimate for expending the whole sum of money at our disposal.

The sources from which the above-mentioned amount is to be derived are as follow —

1st — By subscription among the wealthy Chettys for the specific object of making a "Napier" entrance	RS 4,000
2nd — By the sale of the present Post Office, an old and inconvenient building	2,500
3rd — By sale of the building used as a Range Office	5,100
Total sum	11,600

The estimates which I now submit provide for accommodating the Post Office and Range Office, for completing the unfinished works of the previous year, for completing the entrance gateway, and for tying with galvanized iron bars the room known as Teroomala Naick's bed-room.

The cost of these works will be as follows —

	RS.	A	P	
1. Fitting with doors and windows and otherwise completing the restored part marked A on plan	5,984	4	6	Sanctioned G O, 187
2 Restoring the lower portion of the waggon vault, D on plan	1,265	11	6	Do do,
3 Entrance gateway, B on plan	4,308	2	4	
4 Converting a portion of the palace into a Post Office, C on plan	2,067	11	7	
5 Converting a portion of the palace into a Deputy Collector's Cutcherry, E	1,743	12	0	
6. Converting a part into a Range Office, F	1,000	0	0	
7. Cost of iron tie bars for Teroomala Naick's bed-room, G	5,230	6	1	
Total ..	21,600	0	0	

I would take this opportunity of mentioning that the sale of the Collector's Cutcherry, as ordered in paragraph 4 of the above quoted G O, has not yet been effected, and that I think it would be very desirable to obtain the money to be derived in this way as soon as possible. The most critical part of the building has been secured, but there are many portions still in a most unsafe condition which cannot be touched at present for want of funds.

*Proceedings of the Madras Government, Public Works Department,
5th August 1872*

No 51. ORDER THEREON, 5th August 1872, No 1,839.

CIVIL WORKS, No 1.

OF the estimates now submitted by the Consulting Architect, which should have been forwarded through the Superintending Engineer of the 8th Division, the Government sanction that of Rs. 5,230 for providing iron bars of Tiroomala Naick's bed-room, G on plan now received, coinciding with II II II of the lithographed plan referred to in Lord Napier's Minute, and destined by him for a Civil and Sessions Court Room. This should have been the first submitted and taken in hand from the annual allotment of Rupees 10,000, according to His Lordship's express instructions and Mr Chisholm's own opinion, which the Superintending Engineer disregarded in submitting the estimates sanctioned in G. O. No. 1,497 of 15th June 1872.

2 The amount of the latter sanction, namely, Rupees 7,250, is reduced by Rupees 1,750, the pay of the Overseer and Petty Establishment, which the Superintending Engineer has included contrary to standing orders of the Department and other positive Government orders regarding the individual concerned, whom Lieutenant-Colonel Roberts will now bring on the permanent establishment of the 8th Division from 1st May 1872. The three estimates above disposed of, amounting to Rupees 10,730, will alone be debited against the Budget allotment of the current year, and as they exceed it by Rupees 730, care will be taken by the Superintending Engineer to watch the expenditure.

3. The estimates of Rupees 2,068 and Rupees 1,744 for providing Post Office and Deputy Collector's Office accommodation cannot be dealt with until the Government are made fully acquainted with the reasons for departing from the allotment of available space mapped out in Lord Napier's Minute, and are assured of the concurrence of the heads of all departments concerned in the allocation now proposed. This information should be procured and furnished by the Superintending Engineer with as little delay as possible. As to the sum of Rupees 1,000 entered for a Range Office no plan or estimate has been sent in to account for it.

4 The Government deem it very advisable that however gradually the works may have to be carried on as funds become available, they should at once be definitely planned and estimated for, distinction being made between the absolutely necessary repairs and decorations chargeable to the annual allotment, and the cost of accommodating public offices to be defrayed by sale of existing buildings and other special assignments. And they direct the Superintending Engineer and Consulting Architect to take immediate steps to supply such complete plans and estimates in time for sanction, within the current official year.

5. The plan and estimate for the Napier gate are approved for execution from the funds subscribed by the inhabitants of Madura, but as these appear to be Rupees 308 short of the amount of the latter, the Superintending Engineer will either carry out the work within the sum of Rupees 4,000 subscribed, by reductions on contingencies which are set down at 10 per cent, or by collection of such additional amount as may be required from those who have shown themselves so laudably desirous of commemorating what Lord Napier has done for the

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5th August 1872.*

embellishment of their town, and for the encouragement of native art. The subscriptions have been paid into Treasury, it is presumed, and credited in the Public Works Accounts as private contributions.

(True Extract)

Colonel, R E.,
Secretary to Government.

To the Superintending Engineer, 8th Division.
„ Consulting Architect
„ Controller of Public Works Accounts
„ Public Department
„ Revenue Department

Exd E. C Shunker.

No 81

Madras 22nd June 1872

From

B. H. Chisholm Esq. F. R. S. A.
Consulting Architect to Government

To

Col. G. W. Walker R. E.
Secretary to Government P. W. D.

Sir

I have the honor to lay before you the following Report and enclosures marginally noted with reference to para 3 of G. O. No. 69 dated 11 January last on the subject of the old Palace at Madras.

The Government grant towards this work for the current year amounts to rupees 10,000/- but as certain sums of money will come from other sources and raise the available amount to Rupees 21,600-0-0 I have thought it advisable to lump all together and to submit one Estimate for expending the whole sum of money at our disposal.

The sources from which the above mentioned amount is to be derived are as follows.

1. First. By subscription among the wealthy Chettys for the specific object of making a "Napier" entrance 4000
2. By the sale of the Present Post Office an old and monument building Rs. 2500

Plan +
" No 1
" No 2
" No 3
" No 4
Estimate cl. 77
" cl. 78
" cl. 79
" cl. 80

3 By Sale of the Building used as a	6500 ..
Range Office -	5100 ..
Total Sum.	11600 ..

The Estimates which I now submit provide for accommodating the Post Office and Range Office, for completing the unfinished works of the previous year, for completing the Entrance Gateway and for tying with galvanized iron bars the room known as Teroamala Nauck's Bed room.

The cost of these works will be as follows.

1 Fitting with doors and windows and otherwise completing the restored part marked A on plan	5984 4 6	Sanctioned in §. 1487.
2 Restoring the Lower portion of the waggan Vault D on plan	4265 11 6	ditto ditto.
3 Entrance Gateway. B on plan	4308 2 4	
4 Converting a portion of the Palace into a Post Office. C on plan	2067 11 7	
5 Converting a portion of the Palace into a Deputy collector's Butchery E	1743 12 ..	
6 Converting a part into a Range Office F	1000 ..	
7 Cost of Iron tie bars for Teroamala Nauck's Bed room G	5230 6 1	
Total	21600 ..	

that the sale of the collector's Butchery as ordered in para 4 of the above quoted L.O. has not yet been effected, and that I think it would be very desirable to obtain the money to be derived in this way as soon as possible. The most critical part of the building has been secured but there are many portions still in a most unsafe condition which cannot be touched at present for want of funds.

I have the honor to be
Sir

your most Obedient servant

R. C. Wheeler
Consulting Architect to Govt.

I would take this opportunity of mentioning

Consulting Architect has
forwarded Chief Engineer
plans to Sup^r of Eng^r and
the required details may
be furnished

Br. Gustave.

28 June 1872

Wm. Brownell
1885

P. H 1872 Richard's,
 9 1/2 St. Bk 3109
~~Livingston St. Chicago~~
 2142 So. St

June 1872
Ready to go —
— as Country Club
— in terms June 1st
Leave in country with
me, Johnson & family
with Nelson at Hudson
N.Y.

1/21839 S. C. 10/7/2

Staple to City Division

In Execution of Estimate submitted in S.O. No. 11,87
 Detail Estimate for restoring & repairing the
 Palace in the town of Madras & Division of P.W. during
 official year 1890/91.

Item 11

Plaster in the remaining
 portion of the main hall
 Plaster in the remaining

Plaster in the remaining	sq. ft.	115.0	3.6	402.6
Large columns	sq. ft.	33.0	16.6	526.0
Edges of columns	sq. ft.	6.9	3.6	27.8
Plaster in the remaining	sq. ft.	6.11	3.6	38.4
Plaster in the remaining	sq. ft.	70.0	11.4	793.4
Plaster in the remaining	sq. ft.	52.0	11.4	1178.8
Total	sq. ft.			6406.10

Plaster in the remaining

Plaster in the remaining	sq. ft.	102.0	2.6	255.0
Plaster in the remaining	sq. ft.	30.0	2.6	75.0
Plaster in the remaining	sq. ft.	102.0	4.9	454.6
Plaster in the remaining	sq. ft.	48.0	4.9	228.0
Total	sq. ft.			1042.6

Plaster in the remaining

Plaster in the remaining	sq. ft.	35.0	1.3	43.9
Plaster in the remaining	sq. ft.	10.0	1.3	31.6
Total	sq. ft.			286.3

No 90
 From
 The Consulting Architect
 to the Government of Madras
 To
 The Secretary
 P. W. D.

Date 20 June 1891

Received

Your letter No. 1 dated
 20 June 1891

The Secretary
 P. W. D.
 Madras
 The Secretary
 P. W. D.
 Madras
 The Secretary
 P. W. D.
 Madras

Printed at the Government Press, Madras

Dragon Heads _____ 13

Ornamental Columns _____ 36

Volutes _____ 21

Base _____ 41

Figures of Animals in a Collection _____

Large figures _____ 21

_____ 41

Reliefs from Egyptian Temples _____

Chelonic columns

Gravels in the interior _____

Pedestals in the interior _____ 22.0 2.0 2.0 88.0

_____ 11.0 2.0 2.0 44.0

Columns

Total 132.0

Ornamentation

Plaster 3 in. in diameter

High exterior wall in the interior _____ 18' 13 1/4 2.6 60.0

_____ 10' 14.10 2.3 333.9

Exterior walls _____ 2' 3.0 7.0 742.0

_____ 2' 37.6 7.0 525.0

Severance wall _____ 37.6 1.6 55.2

_____ 37.6 1.3 46.10

_____ 53.0 1.0 52.0

_____ 53.0 1.4 52.0

_____ 53.0 2.4 123.9

_____ 37.6 1.10 48.0

_____ 37.6 1.4 84.6

Interior - Arch _____ 141.0 6.6 916.6

Interior - Arch and the exterior _____ 2' 56.6 10.6 1186.6

_____ 2' 40.6 10.0 510.0

_____ 1' 11.6 6.7 302.10

_____ 10' 10.3 10.3 1050.7

_____ 6' 15.0 10.3 922.6

Walls in the interior _____ 0' 27.3 13.6 1103.2

_____ 6' 27.3 6.3 1021.10

Plaster on square Columns _____ 6' 7.9 17.0 994.6

_____ 2' 13.0 17.0 442.0

_____ 2' 17.0 7.6 255.0

_____ 2' 51.3 24.0 2464.6

Back wall _____ 45.6 34.0 1547.0

_____ 13.0 34.0 442.0

_____ 23.0 34.0 782.0

_____ 2' 25.0 22.9 1137.6

_____ 2' 8.6 22.9 386.9

_____ 4' 8.3 22.9 750.9

_____ 20.0 2.0 40.0

_____ 6.4 4.0 126.8

_____ 31.0 7.9 240.3

_____ 14.0 14.0 196.0

_____ 13.0 4.0 104.0

_____ 31.0 4.0 124.0

Total 21373.8

Reduction for opening

Window openings _____ 64.0 5.0 335.0

_____ 45.0 5.0 425.0

_____ 3' 17.0 7.0 354.0 1117.0

Total 20256.8

Brickwork in Chimney
for filling the bottom of same —
—supplied by the same —

5.0	4.0	3.0	4.0
17.0	4.0	3.0	2.0
<u>Total 22.0</u>			
<u>Total 22.0</u>			

Cornices in Chimney

Below the 1st floor	2/	10.0	3.0	2	675.6
Over the window inside	4/	13.0	1.0		212.0
do	4/	3.6	1.0		120.0
Below do		11.0	3.6		413.0
Below 2nd floor	6/	14.0	4.0		214.0
do	2/	18.0	4.0		144.0
do	2/	11.0	4.0		58.0
					<u>2035.6</u>

Plaster in walls &c

Over the door & window sills —	60.0	1.0		60.0
Plaster in walls &c —	46.6	32.0		1488.0
Occupies —	81.0	3.6		282.6
Boat —	3/	7.0	2.0	42.0
<u>Total 1813.6</u>				

Brick in edge of the basement —	46.6	32.0	4.6	106.74
do —	81.0	3.6	4.6	106.74
do —	3/	7.0	2.0	15.31
<u>Total 229.79</u>				

Brick Work in & framed

3 Large door frames cross pieces 6/	8.0	0.5	0.4	16.8
do — upright —	6/	26.0	0.5	21.8
3 Small door frames cross —	6/	5.0	0.5	14.4 1/2
do — upright —	6/	16.0	0.5	13.6
28 Window frames —	6/	0.6	0.3	21.0
do — cross pieces 27/	3.4	0.3	0.3	4.2
do — — — — —	36/	2.3	0.3	5.1
3 — — — — — wall upright	5.0	0.4	0.3	2.6
do — — — — — cross — — —	1.0	0.4	0.3	2.0

Total 80.6 1/2

Painted Finish of Glass Doors

Large door —	3/	18.0	7.0	378
Small —	3/	12.0	4.0	144
Window —	18/	5.0	1.10	165
do — — — — —	10/	5.0	2.6	125
do — — — — —	3/	4.0	3.0	36

Total 648

Plastering walls —	12.0	11.0	5.0	660
do — — — — —	21.0	3.0	3.0	159
do — — — — —	3/	12.0	2.0	360

Total 1209

Total 1209 44 3/4

See over to North of the
between some

Plaster in Chimney

South wall —	46.6	28.6		1382.3
North —	67.0	26.6		1510.6
East —	17.0	26.6		450.6
West —	17.0	26.6		450.6

Puttin in Windows

10	20.0	0.6	10.0
20	14.0	0.6	4.0
30	13.6	2.6	26.0
40	22.0	2.0	25.0
50	14.0	2.4	29.6
60	12.0	2.6	28.0
70	14.0	6.0	36.0
80	1.6	14.0	152.0
Under the Arch	13.6	11.0	200.0
Up	26.0	1.0	7.0
	14.2	21.0	924.0
	Total 11.1 ft. 64.0		

Under the Arch

10	4.0	12.0	5.0	240.0
20	7.0	12.0	5.0	120.0
30	11.0	18.0	5.0	180.0
40	15.0	18.0	5.0	510.0

At a corner and framed

1	1.0	11.0	0.5	0.4	4.0
2	2.0	11.0	0.5	0.4	1.4
3	3.0	11.0	0.5	0.4	5.4
4	4.0	10.0	0.5	0.4	2.4
5	5.0	10.0	0.5	0.4	2.4
6	6.0	10.0	0.5	0.4	2.4
7	7.0	10.0	0.5	0.4	2.4
8	8.0	10.0	0.5	0.4	2.4
9	9.0	10.0	0.5	0.4	2.4
10	10.0	10.0	0.5	0.4	2.4
11	11.0	10.0	0.5	0.4	2.4
12	12.0	10.0	0.5	0.4	2.4
13	13.0	10.0	0.5	0.4	2.4
14	14.0	10.0	0.5	0.4	2.4
15	15.0	10.0	0.5	0.4	2.4
16	16.0	10.0	0.5	0.4	2.4
17	17.0	10.0	0.5	0.4	2.4
18	18.0	10.0	0.5	0.4	2.4
19	19.0	10.0	0.5	0.4	2.4
20	20.0	10.0	0.5	0.4	2.4
21	21.0	10.0	0.5	0.4	2.4
22	22.0	10.0	0.5	0.4	2.4
23	23.0	10.0	0.5	0.4	2.4
24	24.0	10.0	0.5	0.4	2.4
25	25.0	10.0	0.5	0.4	2.4
26	26.0	10.0	0.5	0.4	2.4
27	27.0	10.0	0.5	0.4	2.4
28	28.0	10.0	0.5	0.4	2.4
29	29.0	10.0	0.5	0.4	2.4
30	30.0	10.0	0.5	0.4	2.4
31	31.0	10.0	0.5	0.4	2.4
32	32.0	10.0	0.5	0.4	2.4
33	33.0	10.0	0.5	0.4	2.4
34	34.0	10.0	0.5	0.4	2.4
35	35.0	10.0	0.5	0.4	2.4
36	36.0	10.0	0.5	0.4	2.4
37	37.0	10.0	0.5	0.4	2.4
38	38.0	10.0	0.5	0.4	2.4
39	39.0	10.0	0.5	0.4	2.4
40	40.0	10.0	0.5	0.4	2.4
41	41.0	10.0	0.5	0.4	2.4
42	42.0	10.0	0.5	0.4	2.4
43	43.0	10.0	0.5	0.4	2.4
44	44.0	10.0	0.5	0.4	2.4
45	45.0	10.0	0.5	0.4	2.4
46	46.0	10.0	0.5	0.4	2.4
47	47.0	10.0	0.5	0.4	2.4
48	48.0	10.0	0.5	0.4	2.4
49	49.0	10.0	0.5	0.4	2.4
50	50.0	10.0	0.5	0.4	2.4
51	51.0	10.0	0.5	0.4	2.4
52	52.0	10.0	0.5	0.4	2.4
53	53.0	10.0	0.5	0.4	2.4
54	54.0	10.0	0.5	0.4	2.4
55	55.0	10.0	0.5	0.4	2.4
56	56.0	10.0	0.5	0.4	2.4
57	57.0	10.0	0.5	0.4	2.4
58	58.0	10.0	0.5	0.4	2.4
59	59.0	10.0	0.5	0.4	2.4
60	60.0	10.0	0.5	0.4	2.4
61	61.0	10.0	0.5	0.4	2.4
62	62.0	10.0	0.5	0.4	2.4
63	63.0	10.0	0.5	0.4	2.4
64	64.0	10.0	0.5	0.4	2.4
65	65.0	10.0	0.5	0.4	2.4
66	66.0	10.0	0.5	0.4	2.4
67	67.0	10.0	0.5	0.4	2.4
68	68.0	10.0	0.5	0.4	2.4
69	69.0	10.0	0.5	0.4	2.4
70	70.0	10.0	0.5	0.4	2.4
71	71.0	10.0	0.5	0.4	2.4
72	72.0	10.0	0.5	0.4	2.4
73	73.0	10.0	0.5	0.4	2.4
74	74.0	10.0	0.5	0.4	2.4
75	75.0	10.0	0.5	0.4	2.4
76	76.0	10.0	0.5	0.4	2.4
77	77.0	10.0	0.5	0.4	2.4
78	78.0	10.0	0.5	0.4	2.4
79	79.0	10.0	0.5	0.4	2.4
80	80.0	10.0	0.5	0.4	2.4
81	81.0	10.0	0.5	0.4	2.4
82	82.0	10.0	0.5	0.4	2.4
83	83.0	10.0	0.5	0.4	2.4
84	84.0	10.0	0.5	0.4	2.4
85	85.0	10.0	0.5	0.4	2.4
86	86.0	10.0	0.5	0.4	2.4
87	87.0	10.0	0.5	0.4	2.4
88	88.0	10.0	0.5	0.4	2.4
89	89.0	10.0	0.5	0.4	2.4
90	90.0	10.0	0.5	0.4	2.4
91	91.0	10.0	0.5	0.4	2.4
92	92.0	10.0	0.5	0.4	2.4
93	93.0	10.0	0.5	0.4	2.4
94	94.0	10.0	0.5	0.4	2.4
95	95.0	10.0	0.5	0.4	2.4
96	96.0	10.0	0.5	0.4	2.4
97	97.0	10.0	0.5	0.4	2.4
98	98.0	10.0	0.5	0.4	2.4
99	99.0	10.0	0.5	0.4	2.4
100	100.0	10.0	0.5	0.4	2.4

Under the Arch

1	12.0	4.0	48.0
2	21.0	4.0	84.0
3	30.0	4.0	120.0
4	40.0	4.0	160.0
5	50.0	4.0	200.0
6	60.0	4.0	240.0
7	70.0	4.0	280.0
8	80.0	4.0	320.0
9	90.0	4.0	360.0
10	100.0	4.0	400.0
11	110.0	4.0	440.0
12	120.0	4.0	480.0
13	130.0	4.0	520.0
14	140.0	4.0	560.0
15	150.0	4.0	600.0
16	160.0	4.0	640.0
17	170.0	4.0	680.0
18	180.0	4.0	720.0
19	190.0	4.0	760.0
20	200.0	4.0	800.0
21	210.0	4.0	840.0
22	220.0	4.0	880.0
23	230.0	4.0	920.0
24	240.0	4.0	960.0
25	250.0	4.0	1000.0
26	260.0	4.0	1040.0
27	270.0	4.0	1080.0
28	280.0	4.0	1120.0
29	290.0	4.0	1160.0
30	300.0	4.0	1200.0
31	310.0	4.0	1240.0
32	320.0	4.0	1280.0
33	330.0	4.0	1320.0
34	340.0	4.0	1360.0
35	350.0	4.0	1400.0
36	360.0	4.0	1440.0
37	370.0	4.0	1480.0
38	380.0	4.0	1520.0
39	390.0	4.0	1560.0
40	400.0	4.0	1600.0
41	410.0	4.0	1640.0
42	420.0	4.0	1680.0
43	430.0	4.0	1720.0
44	440.0	4.0	1760.0
45	450.0	4.0	1800.0
46	460.0	4.0	1840.0
47	470.0	4.0	1880.0
48	480.0	4.0	1920.0
49	490.0	4.0	1960.0
50	500.0	4.0	2000.0
51	510.0	4.0	2040.0
52	520.0	4.0	2080.0
53	530.0	4.0	2120.0
54	540.0	4.0	2160.0
55	550.0	4.0	2200.0
56	560.0	4.0	2240.0
57	570.0	4.0	2280.0
58	580.0	4.0	2320.0
59	590.0	4.0	2360.0
60	600.0	4.0	2400.0
61	610.0	4.0	2440.0
62	620.0	4.0	2480.0
63	630.0	4.0	2520.0
64	640.0	4.0	2560.0
65	650.0	4.0	2600.0
66	660.0	4.0	2640.0
67	670.0	4.0	2680.0
68	680.0	4.0	2720.0
69	690.0	4.0	2760.0
70	700.0	4.0	2800.0
71	710.0	4.0	2840.0
72	720.0	4.0	2880.0
73	730.0	4.0	2920.0
74	740.0	4.0	2960.0
75	750.0	4.0	3000.0
76	760.0	4.0	3040.0
77	770.0	4.0	3080.0
78	780.0	4.0	3120.0
79	790.0	4.0	3160.0
80	800.0	4.0	3200.0
81	810.0	4.0	3240.0
82	820.0	4.0	3280.0
83	830.0	4.0	3320.0
84	840.0	4.0	3360.0
85	850.0	4.0	3400.0
86	860.0	4.0	3440.0
87	870.0	4.0	3480.0
88	880.0	4.0	3520.0
89	890.0	4.0	3560.0
90	900.0	4.0	3600.0
91	910.0	4.0	3640.0
92	920.0	4.0	3680.0
93	930.0	4.0	3720.0
94	940.0	4.0	3760.0
95	950.0	4.0	3800.0
96	960.0	4.0	3840.0
97	970.0	4.0	3880.0
98	980.0	4.0	3920.0
99	990.0	4.0	3960.0
100	1000.0	4.0	4000.0

Under the Arch

Given after in the Room - - - - - as a thing - - - - -

Abstract of Estimate for the Portion to be Restored during the Official Year 1872 and 1873

Quantity	Items	Rate	Amount	Total
Haggan Vault				
6406 3/4 Sft	Plaster in chunam 3 coats	3 8	224 3 9	
1042 1/2	corrie work in chunam	2 6	162 14 3	
356 1/4	Plaster mouldings in do	6	133 9 6	
132 6 ft	Granite ashlar moulded	3	396	
10	Draggings in chunam	1 8	15	
35	Ornamental flowers	2	70	
2	Vaults in chunam	1 8	3	
4	Birds in chunam	1 8	6	
1	Giffens Head in central arcades	5	5	
5	Large Giffens in chunam			
	Complete	25	125	
4	Do do do	25	100	
5	Pillasters in chunam for Giffens	5	25	
				1265 11 6
				Done last year 122 7 9
				1143 3 9
Octagan Dome				
20256-8 Sft	Plaster in chunam 3 coats	3 8	708 15 4	1261 10 5
11 1/9 C yds	Bricks in chunam above 30 ft	5 8	61 1 9	
2038 1/2 Sft	corrie work in chunam	2 6	318 8 3	
18 13 1/2	Pavement 10' Bricks	8	145 1 3	
25 5 1/2 C yds	Brick in chunam on edge	4	100 11 10	
80 1/2 Sft	Teak timber wrought & framed	3 12	302 13	1637 3 5
Carried over				2902 14 11

Quantity

25

Items Rates Amount Notes

Brought forward			
848	Sft Doors and windows	18 - 1272 - -	
44 3/4	Cyds Dismantling old wall	8 - 226 - -	
5		4 - 20 - -	
6	Iron ties 1/2" diameter	100 - -	
18 1/2	Sq Oil paint for Doors & walls	37 - -	
600	Sft Plaster maulding in Chinam	6 - 225 - -	
Room on the north side of same.			
49	Sft Plaster in Chinam 3 walls	38 - 1718	
145	Cft Timber wrought frame work	32 - 541 - -	
192	Sft Door & windows work	18 - 288 - -	
834 3/4	Pavement 3" Bricks	8 - 66126	
11 1/2	Cyds Brick on edge in Chinam	4 - 46511	
18 1/2	Walls to be dismantled	8 - 12	
486	Sft Lattice work in Chinam	26 - 515 - -	
100	Plaster mauldings	6 - 378 - -	
4 1/8	Sq Oil painting for Doors & walls	2 - 84 - -	
200	lbs Iron bar for windows	2 - 25 - -	245780

Induction for work done in last year in the
Naggon wall

11094 11 11
2511
48000
22279

Contingencies at 5 per cent
Salary & allowances for Overseers 1380 - -
 Petty Establishment 272 - - 1752 - -

Total Rupees 7250
75

Chubb. 1713A
Architect & Co

Budget 1200
 Delayed 1200
 Total 1700
 1200 - 1700 = 500

Crimul Nairo Palace

Madura.

Estimate No 77

Dated 22nd June 1872.

Sanctioned on 9 Oct 1872

Dated 15th June 1872.

P. W. 4671
 P. W. 3109/72.
 Price 5000/72. L. 5000

R. Chisholm.

Architect

The Naper Gateway Madura

Specification

The work consists of constructing an entrance gateway of stone to the old palace yard. The existing entrance is mere a hole cut in the solid wall

Excavations

The excavation will be carried down to the depth of 6 feet below the surface of the Broadway and the Trenches well rammed with water

Concrete

2 feet thickness of concrete will be laid in layers of 6" thick each layer rammed and consolidated before the succeeding course is put down

Masonry

Rough stone masonry will bring the work up to the Road level above which it will be executed in strict accordance with the working drawings to be hereafter furnished.

Facework

The fine cut stone facework will average in thickness 12 inches dressed three lines and carefully backed by rough stone. No stone on the face shall be of a less thickness than 9 inches. The courses will be 12 inches deep and each stone shall measure not less than 15 inches on the face. All joints shall break bond to the extent of 7 1/2 inches or more.

21

Naper Gateway Madura

All the mouldings will be worked true and clear and finished with sharp edges. Mouldings

The two polished columns will be made in Madura finished by black stone polisher from Trichinopoly. Columns

The materials and workmanship will be subject to the approval of the Superintending Engineer of the 8th Division. Materials and Workmanship

The work will be completed according to the drawing No 4

P. H. L. S. S. S.
Consulting Archt. to Govt

P W 3009/72

Detailed Estimate of cost of constructing a Gateway to the Old Palace of Madura where the existing Entrance is situated

Items	L	B	D	Contents	Total
Base to project 5 ft					
Excavation for foundations 2/17 . 07 . 06 . 0				1428	
Total excavation Cu yds				53	
Concrete 2/17 . 07 . 02 . 0				476	
Total concrete Cu yds				187	
Rough stone Masonry 2/17 . 07 . 04 . 0				952	
Plinth 2/13 . 05 . 03 . 0				390	
Walling 2/20 . 06 . 03 . 6				840	
2/18 . 010 . 03 . 6				1260	
Allow for backing fine work 100 Cu ft				100	
				3542	
Deduct Fine work.				1415	
Total Cu ft rough Masonry				2127	
Total Cu yds				79	

Abstract of quantities and Estimate of Cost

Sub-stone work Fine dressed	2/13 . 05 . 01 . 0	130
	4/5 . 01 . 01 . 0	20
	2/11 . 64 . 91 . 6	164
	4/4 . 91 . 01 . 6	28
Capping	2/13 . 05 . 00 . 6	65
	4/5 . 01 . 00 . 6	10
Walling	2/20 . 06 . 01 . 0	240
	2/20 . 03 . 61 . 0	140
	2/18 . 07 . 01 . 0	252
	2/3 . 67 . 01 . 0	49
Moulding measured square	2/20 . 01 . 01 . 0	40
	2/11 . 01 . 01 . 0	23
Inside moulding	2/18 . 01 . 33 . 6	158
	2/11 . 01 . 33 . 6	96
Face work by arch	2/3 . 65 . 01 . 0	35
	2/12 . 06 . 01 . 0	144
Blocks	2/3 . 63 . 61 . 9	43
Cornice	4/1 . 65 . 01 . 0	207
	2/7 . 05 . 01 . 0	70
Consoles	27/1 . 60 . 60 . 4	7

Total Cuft Fine Stone Cutting 1

Polished Columns No 2-

Ornaments in angles of spandrels

Cuft of Moulding 63

Qty	Items	Rate	Amount
53 Cuft	Excavation	@ 2	7
18 "	Concrete	@ 4 8	81
77 "	Rough Masonry	@ 4 8	355 8
721 Cuft	Cut Stone	@ 1 8	2881 8
2 No	Polished Columns	@ 200	400
2	Ornaments in angles	@ 30	60
63 Rft	Moulding extra	@ 1 8	94 8
	Allow for inscription		37
			3916 8
	Add contingencies & superintendence @ 10 percent		391 10 4
	Grand Total		4308 2 4

M. Fishburn
Architect

11302
Crinoid Palace

Madina

Estimated No 78

Dated 22 June 1872

Sanctioned

Dated

4671
N 3109/72
June 1872 at 3.15.00.

 F. Chisholm
Architect.

Estimate of the probable cost of converting a portion of Peromala Naichs Palace into a Post Office.

Specification.

Excavation	Excavate the trenches 4 ft in breadth and to such depths as may be found necessary.
Concrete	Rein concrete in layers of 6".
Masonry	Build masonry in sound materials. The walls to be 18" thick and carried up immediately behind Columns to the caps of arches. The back of the wall to be flush with the inside of existing spandrels. Closed in tightly after the work has stood for a month. (The quantities allow this work full to the apex of the arch to cover extra cost.)
Cut stone steps	Leave roops for the after reception of the doors and windows. Splay sides of all openings. Make steps 12" treads and 6" risers to each stone 3" under next riser. Line sides of stairs with an 18" cut stone wall. Lay a curb along top.
Plaster	Lay 2 coats of plaster. The last to be the same in tint as the general line of the new work in the waggon vault.
Doors & windows	These will be made and sent from Madras
Terrace	Lay a well beaten Terrace over floor of Office and on space at back of Municipal Office as indicated in plan
Workmanship & Materials	The workmanship and materials will

Abstract quantities and cost.

Terrace flooring — 33.0 1.1.0 1353

34.0 28.6 969 23

Total Supl ft Terrace flooring 2

Stone steps — 15 12.0 1.3 0.6 112.6

Side of ditto — 2 15.0 3.6 1.6 157.6 27

Total Supl ft Stone steps 10

Doors & Windows

Entrance door taken full — 14.0 5.0 70.0

Windows — 3 10.6 5.0 187.6

Circular heads (Square) — 3 5.0 5.0 75.0 30.

Total Supl ft Doors & Windows 1

Quantity	Items	Rate	Amount
59	By Excavation	2	7 6
24	Concrete below masonry	4 8	130
135	Blue Rock R	4 8	607 6
46	Square Plastering	2 8	115
23	Terrace flooring	8	184
10	By Cut stone on steps	12	120
303	Supl ft Doors & Windows	2	606
1	At Port has Complete from old Office		10
	allow for repairs & washings		100
	Contingencies at 10 percent		187 12
			187 15 7

Total Rupees 2064 11 7

Chas. W. L. -
Consulting Architect to Govt.

Part of the

C

only

Crinul Taiko Palace

Madura

Estimated at 79

Dated 22nd June 1872

Cancelled

Dated

W. 3109/72

Pro. 5th Aug 1872 L. D. 51

R. Chisholm
Architect

Crinul Taiko Palace Madura

476

Items	sq L	B	D	Content	Total
Excavation for dwarf walls	126.0	3.0	2.0	756	
	Total 6 feet			756	
	Total 6. Gds				28
Concrete	126.0	3.0	1.6	564	
	Total 6 feet			564	
	Total 6. Gds				21
Brickwork	126.0	1.6	0.8	94.6	
	126.0	5.0	1.0	630.0	
				724.6	
B. D. doors	5/	6.0	5.0	1.0	150.0
	Total 6. ft			574.0	
	Total 6. Gds				21

Wood work

Longitudinal	Pieces 2/	126.0	0.3	0.3	15.9
	10/	8.0	0.5	0.5	13.10
				29.7	
	Total wood work				29
Doors	5/	5.0	7.6		187.6
	Total 6. ft doors				188
Ferracing		42.0	72.0		3024
	Total square ferracing				30
Plastering	3/	126.0	5.0		1260
	Total square plastering				13

95

Iron Railing ————— 95 Running ft 95

Windows at back ————— 10.6 5.0 52.6

21. 10.6 3.0 63.0

—————

115.6

—————

Total Supt. ft. Windows 116

Specification

B. F. Lincoln, - 1831

Consulting An. 25/5/77

Abstract of Estimate & Cost.

Quantity	Items	Rate	Amount
28	8 3/4 Excavation	3 2	88
21	Concrete below masonry	4 8	94 8
21	Brickwork	4 8	94 8
29	6 ft Woodwork	3 12	108 12
88	Suplft Doors (from Madras)	1 8	282
30	Square Engine flooring	8	240
13	Plastering	2 8	32 8
95	2 1/2 ft Iron Railing	2 8	237 8
116	Suplft Windows from Madras	2	232
1	10 ft through wall w. Corbels		50
2	" " Small windows	30	60
	Allow for repairs & Washing		150
			1585 4
	at 10 per cent		158 8

Contingencies at 10 per cent—

Total Rupees 1743 12.

Sincerely attached to Government

Chinnul Narks Palace
Madura

Estimate No 80

Dated 22nd June 1872

Sanctioned

Dated

R Christy
Architect.

E

4671
P W 3109/72.
P.W. 3109/72 L. P.W. 31

Estimates for Chinnul Narks Palace
1870-71.

Cost & Wrought Iron -	R 6151 -
Plastering & Colouring	.. 3849.
The Interior -	
	<u>Total R 10,000.</u>

For Report of work carried out
see G.O. No. 1018 of 12th April 1871.

	1871-72
Restoration of Wagon Vault (chiefly decorative) -	R 6907
W. Octagonal Arch -	.. 602
Contingencies -	.. 370
Overseer's Salary -	.. 1725
Petty Establishment -	.. 396
	<u>Total R 10,000.</u>

See Lord Napier's Minute printed
with G.O. No. 69 of 11th Jan'y 1872 -
E.M.W.
20.7.72

Memorandum by Chief Engineer

In the submission of these Estimates the Consulting Architect has not borne in mind either his own free or the fixed plan laid down in Lord Raper's estimate for the appropriation of the various portions of the building.

Out of the available sum of Rs. 10,000 allotted in this year Rs. 7,250 have already been appropriated under P.O. No. 1487 of 18

June under Estimates
sent up by the Supg
Eng^r Eth N^o at the request
of the Consulting Architect
These estimates comprised
the following items -

1 Fitting with doors and
windows and otherwise com-
pleting the restored part
allotted for the Collector's
Cubicle ————— Rs. 4300

2 Restoring the lower
portion of the Naggar Vault — 1200

3 Pay of Overseer and
Petty Establishment ————— 1750

Total Rs. 7250

leaving only Rs. 2750
at present available
for other works out of the

undermentioned ~~Estimates~~
now submitted -

4 Post Office accommodation - Rs. 2068
5 Dy Collectors ————— 1744
6 Range Office ————— 1000
7 Iron bars for Zoroomba } — 5230
Naiki's Bed room — }
Total Rs. 10,042

In his letter No. 250
of 10th Nov. 1871, the
Consulting Architect
"begs to place it on re-
cord, that, in his opinion
"no more money should
"be spent on decorative
"works until the whole
"structure is rendered
"safe and durable".

With reference to which
the order in which the

Estimates have been submitted should as recently have been reversed for the details of those already sanctioned show many items of purely decorative work, while that numbered 7 is for securing a portion of the building and should first have been provided for. — See also para IX of Lord Napier's Minute "that the Annual grant of Rs. 10,000 for next year should be exclusively employed for the repairs and security of the most ruinous parts of the building."

57
The Supg Engineer and Consulting Architect were not justified in bringing forward the Estimates as they have done.

It is also to be remarked that the papers now submitted by the Consulting Architect do not account for their departure in allocation of sites for the Offices of the Forest and Public Works Departments from those prescribed in para XV and XVI of Lord Napier's Minute nor do they give the

necessary assurance
that either the proposed
changes, or the accom-
modation proposed
to be provided, have
been approved by the
Heads of the Departments
concerned. The Supg: Engr
through whom all these
papers should have
been submitted ought
to be called upon to report
on this subject and to
account for the Overseer
and Petty Establishments
being charged to works
in the face of G.O No
1701 of 26th June and
No 2050 of 9th August 1871
As

AA
H
B

As to additional
funds it does not
appear that any
have been actually
realized by sale of ex-
isting buildings; and
a reference to the Finan-
cial Department
will have to be made
to ascertain if the re-
quisite funds can
be advanced pending
such sales -

The Chief Engr can
not conclude these re-
marks without stating
his opinion that it
would be a satisfactory
arrangement if the
Consulting Architect
were instructed to prepare

I must return
this. A.T.
His honor's secretary
[Signature]

a complete set of Plans
and estimates com-
prehending the entire
work to be performed
in the restoration of the
Palace distinguishing
in the latter between
the absolutely necessary
repairs and decorations
chargeable to the annual
allowment, and the cost
of accommodation
Public Offices to be
defrayed by sale of ex-
isting buildings and
other special assignments.

W. Walker C. S. R.

Chief Engineer
16 July/72

No 1839. P. M. D. ^{and}
Proc. of the Madras Govt. 131
Read the following

From the Jny. Architect - (K. R. Reddy 22 June 72)

A. A.
R.

Of the estimates
now submitted by the
Consulting Architect,
which should have
been forwarded
through the Superin-
tending Engineer's
Division, the Govt.
sanction that of Rs
5,230 for providing
Iron Bars of Siroomala
naick's Bed room, & on
Plan now received,
coinciding with H H H.

a of the lithographed Plan
cr referred to in Lord
p Napier's Minute,
w and destined by him
in for a Civil and Sessions
Court Room. This
P should have been
in the first submitted
th and taken in hand
r from the annual
c allotment of Rs 10,000,
a according to his Lord.
of - ship's express instruc-
tion, and Mr. Chisholm's
own opinion; which the
Sup Engineer disre-
garded in submitting
the estimate sanctioned
in G. O. No. 1487 of 15th
June 1872.

The

does "in" here
mean "regarding"
If so I must substitute
the latter word.
A.A.

157
The amount of the
latter sanction viz
Rs. 4,250, is reduced
by Rs 1,450, the pay
of the Quenser and
Petty Establishment,
which the Sup Engineer
has included contrary
to standing orders of
the Department and
other positive Govt
orders on the indi-
vidual concerned;
whom Lieut Col.
Roberto will now
bring on the per-
manent Establish-
ment of the 8th Qu
from 1st May 1872.
The three estimates

above disposed of
amounting to Rs 10,730
will alone be debited
against the Budget
allotment of the cur-
-rent year, and as they
(exceed it by Rs 730,
care will be taken
by the Superintendents
to watch the expenditure.

The estimates of Rs
2,068 and Rs 1,444 for
providing Post Office
and Deputy Collector's
office accommodation
cannot be dealt with
until the Govt. are
made fully acquainted
with the reasons for
departing from the
allotment of available

I must say
"I must be present
personally by the
Supr. Engineer with
as little delay
as possible."

A. V.
H

671
space mapped out in
Lord Napier's Minute,
and are assured of the
concurrence of the Heads
of all Departments con-
-cerned in the allocation
now proposed. This
information it is
distinctly the Super-
-intending Engineer's
duty to procure and
lay before Govt., and
they are not pleased
with Lieut. Col.
Roberts' inaction
in the matter. As to the
sum of Rs 1,000 entered
for a Range office
no plan or estimate
has been sent in
to account for it.

the Rs 308 short of the
amount of the latter,
the Superintendence
will either carry out
the work within
the sum of Rs 4,000
subscribed, by reduc-
-tions and Contingencies
which are set down
at 10 per cent; or
by collection of
such additional
amount as may
be required from those
who have shown them-
-selves so laudably
desirous of commu-
-morating what Lord
Napier has done for
the

To
Sh. 8-10-11 with ten lines
Cons. Architect
Controller
Pub. Dept
Hos. Dept

embellishment
their Town, and for
the encouragement
of native art - The
subscriptions have
been paid into the
Treasury, it is pre-
sumed, and credi-
ted in the Public
Works Accounts as
Private Contributions.

G.M.W.

...

(Not returned) ✓

2/1/67

3109
Govt. of Madras.
PUBLIC WORKS.

To
The Superintending Engineer
8th Division

Dated

Recd.

Encl

605 Aug 2. 1839

Nos. 50 & 51

Memorandum
at Madras. Paper No.
1000. Letter from the
Honble Commr. of
Public Works and Estimates
in connection with
the proposed work at
Madras.