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MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No.	984	Press
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Dated	5. 2.	1873.

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*Proceedings of the Madras Government, Public Works Department,
5th February 1873.*

No. 100. Read the following letter from the District Engineer, Madura, to the Secretary to Government, Public Works Department, dated Madura, 11th January 1873, No. 4,411 :—

ADVERTING to paragraph 2 of G. O., No. 1,591, dated 14th June 1871, I have the honour to submit, for the sanction of Government, a detailed estimate amounting to Rupees 10,000 for the restoration,

1 Estimate of Rupees 10,000.
1 Block Plan.

during the past official year 1871-72, of a portion of Tiroomal Naick's Palace at Madura, together with a block plan of the palace showing in distinct colours the portions thereof repaired during the last two official years, respectively.

No. 101. ORDER THEREON, 5th February 1873, No. 384.

S.A.D.

CIVIL WORKS, No. 4.

THE detailed estimates and plan of work proposed to be carried out to Tiroomal Naick's Palace at Madura in the year 1871-72, the early submission of which was promised in letter from the Superintending Engineer, 8th Division, No. 664 of 1st June 1871, which bear date the 21st August 1872, and which have been received with the District Engineer's letter No. 4,411 of 11th January 1873, are recorded.

2. The Government regret to find that the timely submission of proper estimates for the work to be annually undertaken at Tiroomal Naick's Palace is still neglected, those for the current year not having yet been fully supplied. In accordance with Standing Budget Orders, His Excellency the Governor in Council now prescribes the submission before the commencement of any official year of detailed plans and estimates of the work proposed to be undertaken in that year from the annual allotment.

(True Extract.)

Colonel, R. E.,
Secretary to Government.

To the District Engineer, Madura,
„ Consulting Architect.

Exd. S. T. Austin.

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Detail Estimate for the Restoration of Sumal Nicks Palace
at Madura for the official year 1871 and 72

Particulars and Description of works	Length	Breadth	Thickness	Cubic Content
Waggaw Vault.				
Masonry Ashlar Fine dressed				
3 Prototile of the large and small Columns	3 7-1	7'	1	12-4
Do. Do.	3 4	7'	1	7'
Do. Do.	6 3	7'	1	10-6
Total Cubic				29-10
Granite moulded Bases for the Column				
3 Bases	3 20	1-9	1-6	157-6
Total Cubic feet				157 1/2
Brick work in Chum and				
Horizontal and Longitudinal main Cornice within Vault	188	2	2	752
Filling in the Recesses N. 42	2-6	2	1	210
Do. Gap above the Centre arch	10	6'	3'	180
Do. Do.	6	4'	3'	72
Closing 1. Recess on the North side	3	4'	1	12
Do. Do. Do.	3	4'	1	12
Filling in below the front main Cornice outer	124	3	1-6	558
Do. 2 ends of the Vault by sides of 2 little lower	2 10	5	3	500
North and South sides main exterior Cornice of the 2/30	1-6	1	1	90
West Longitudinal Cornice	115	1-6	1	172-6
Centre portions of the Vault interior both sides 2/90	1	6'	1	90
Do. Do. sides	2 13	1	6'	13
Do. Do. Vault	90	10	6'	450
Carried over Total Cubic feet				2911-6

Particulars and Description of Works.	Length	Breadth	Thickness	Cubic Content
Brick work in Churns Brought forward.				2911-6
Levelling Course over the Vault Dome	100	19	1	1900
Do. Sides	2	25	12	600
Do. Flat Surface	100	4	9	300
Front Cornice above the weather board	120	1	6	60
Total Cubic feet				5771-6
Total C Gards $2\frac{1}{3}\frac{3}{4}$				
Plastering 3 Coats with Buff Color				
Intrados of the main Vault	110	39		4290
Do. Longitudinal Sides below the Vault	12/204	5		2040
Do. Horizontal Sides	2	60	5	600
17 Recesses	170	2-3		382-6
17 Do.	162	1		162
12 Do.	120	2-3		270
Centre Ceiling	102	12		1224
Extrados	100	19		1900
Do. Longitudinal flat Surface	99	14		1386
Large Columns	331	16-6		5461-6
Small Do. Capitals N ^o 4	132	5		660
Sides of Columns	80	2		160
Arcades	80	2		160
Do.	104	5		520
Do.	50	4-6		225
Plastering the exterior of the Vault	104	16-3		1690
Sides of Large Columns N ^o 14	98	6-9		661-6
Do.	98	6-11		677-10
Sides of small Columns	52	3-6		182
Total Sft Carried over				22652-4

Particulars and Description of Works.	Length	Breadth	Thickness	Cubic Content
Plastering 3 Coats with Buff Color Brought forward				22652-4
Sides of Large Columns	231	16-9		3869-3
Top main Cornice interior	120	4-6		540
Do. exterior	120	8		960
Flat Surface of the door on 2 ends	56	14		784
Total Sft				28805-7
Total Sft 288				
Plaster Moulding				
Centre Surface of the Intrados of the Vault	81	10		810
Do. Sides	200	1		200
Longitudinal main Cornice	102	2		204
Horizontal Do.	60	2		120
Out side Do.	120	2-6		300
Do. Do. below	120	1		120
Central Arcades	2	100	1-3	250
Sides Do.	220	1-3		275
Do. End Arcades	40	1-3		50
Pieces N ^o 34	408	1		408
Ornamental works on the Sides	99	4		396
Corners of the Vault N ^o 4	78	6		39
Plaster Moulding above the Recesses	2	100	1-6	300
do. 2 ends	2	35	1-6	105
Front Face	125	3		375
Total Sft				3952

Particulars and Description of Works	Length	Breadth	Thickness	Cubic Cont.
Plaster Cornice in Chumau				
Longitudinal Sides No 2 Interior	204	2-6		51
Do. " Small	204	1		21
Do. Exterior below the main Cornice	240	4-9		114
Horizontal Sides No 2	40	2-6		15
do. " Small	60	2		12
Do. exterior No 2	48	4-9		22
Cornice down below " 4	100	2-6		23
Do. " Do. " 4 Small	100	2		21
Do. " Do. " "	102	2-6		25
Do. " Do. " 2	70	2-6		17
Cornice work on the face of the main Cornice	130	1		13
do. " Do. " inside	130	1		13
Total Sq Feet				347
1 3/4" Boarding				
Weather Board for the face of the front				
Main Cornice of the Vault	120	1-3		13
Total Sq Feet, 150 or sq ft 1 1/2				
Window frames				
No 4 Window frames Castile etc	4	3		4
Total Sq Feet	48			
Laugay Embel wrought fixed				
Chain Cornice interior	60	1-6	3"	22
Do. " "	208	1-6	3"	78
Do. " "	12	48	6"	73
Do. " "	72	3'	3'	54
Total Cub.				227

Particulars and Description of Work	Length	Breadth	Thickness	Cubic Cont.
Painting Oil Color 3 Coats				
Iron Size No 8	320	9"		240
Weather Board	240	1-3"		300
Total Sq Feet				540
Water Color				
Painting the Centre Portion of the Vault	81	10		810
Outer Rims of the Centre Ceiling	200	1		200
Sides of the Intrados	200	4		800
Do. at the springing	200	2		400
Corners No 4	18	6'		36
Total Sq Feet				2246
Total Sq ft				22 1/2
Ornamental works				
No 29 Ornamental Bunches each No 2	58			
2 Volutas do. do.	4			
4 Birds " 1	4			
10 Dragons " 2	20			
6 Griffins Heads " 2	12			
1 do. in the centre arch " 3	3			
10 Small Do. " 1-8	15			
2 Dragons in the Centre arch " 2	4			
9 Large Dragings " 25	225			
4 Aliators Heads " 4	16			
Ornamental work over 42 Recesses " 3	126			
56 Small Lions " 2	112			
Compensation for a Painter " 8	78	12		
See L.O. no 2337 dated 5th Oct 1771				
Total Super	677	12		

Particulars and Description of work	Length	Breadth	Thickness	Cubic Content
Open Court Yard Brick in Chumans				
Sq. Columns No 2	6	1-3'	2	30
Spandrels and arches	7-6	3'	1	22-6
Sq. Columns 2	5-6	1-3	2	27-6
Spandrels and arches	7-6	9"	3'	16-8
Do. Do.	13-6	3'	1-6'	60-9
Sq. Columns 2	5-6	1-6	2	33
Spandrels and arches	14-9	4-6	2	132-9
Sq. Columns 2	5	1-3	1-9	21-10
Spandrels and arches	14-6	4-6	2	130-6
Sq. Columns " 2	7	2	1-3'	35
Total Cubic feet				510-6
Total C Yards				19
Granite Masonry for Columns No 10	2	1-3	6"	12-6
Total C feet				12 1/2

Octagon Dome Brick in Chumans				
1 Cross wall Closing the Plains	51	20	2	2060
1 Do. Do. 10 ft	12	4	10	480
1 Do. Do.	6	3	4	72
1 Pilasters in the Cornice	20	3-6	3	210
Closing the small openings 20	14	2	6"	14
Brickwork for the Cornice	110	1	9"	82-6
Sundry Repairs	20	4'	2-6	200
Do.	4 1/2	5	1-6	33-9
Total Cubic feet 3132-3				
Total C Yards 116				

Particulars and Description of Works	Length	Breadth	Thickness	Cubic Content
Plastering 3 Coats with Chumans				
Cross wall below the Cornice	60	9		540
Cross walls interior	50	20		1000
20 Small Openings	14	2		784
Between the openings	35	2		70
Total Sqr.				2394
Total Sqr.		24		
Plaster Moulding				
Curtain Bit	25	10		250
8 Angles	12	3"		24
10 Small arches	72	1		72
10 Big do.	45	1		45
Moulding between	180	6"		90
Total Sqr.				481
Cornice works				
Cornice below the Dome	118	4-9		560-6
Total Sqr.				
Painting water Color	25	10		250
Centre of the Dome Intrados				
Total Sqr.		2 1/2		
Solary and Horse allowance for the Outsur				Supers 1127-11-
Do. Petty Establishments				Do. 278-7-9
Contingent Charges &c				460-2-3
Purchase of Scaffolding Materials &c				184-14-6
Clearing the Compound by Cornice				80-12-4
Total Supers.				2131-15-10

Abstract of Estimate for the Restoration of Linal Palace
 Palace at Bradman for the official year 1871 and 72

Quantity	Description of Works	Rate	Amount Total	
			R. S. D.	R. S. D.
293 1/4	Cubi of Masonry Sclab. finished	10	18	9 6
157 1/2	do Granite Masonry finished	3	4	72 8
213 3/4	Cyads of Brick in Chumam alive to put	6	1	282 8
288	do Plaster in Chumam 3 Coats	4 8	1	296
395 1/2	do Plaster moulding in Chumam	6	1	482
3492	do Plaster Carnice	26	5	45 10
1 1/2	do of Boarding 1/4 for the front	75	1	12 8
48	do Plaster window frames	10	3	0
226 1/2	Cubi of Timber wrought fixed	2 1/2	6	22 1/4
540	Cubi of Oil Painting	3-8	18	16 5
22 1/2	Cyads of Water Color Painting	10	2	25
"	Carving of works in Figures Statues &c		5	99
"	Carving of a Painter's Vise		7	8 1/2
"	Purchase of Scaffolding materials &c		18	4 1/4 6
"	Clearing the Campground by Caravans &c		80	12 4 70 49 14 9
Octagon Dances				
116	Cyads of Brick in Chumam	5	5	80
24	do Plaster 3 Coats in Chumam	4-8	1	08
481	do Plaster moulding in Chumam	6	1	80 6
560 1/2	do Plaster Carnice do	26	8	79 3
2 1/2	do of Painting Water Color	10	2	5
19	Cyads of Brick in Chumam	5	9	5
12 1/2	Cubi of Granite Masonry	10	7	13

Carried Over Report.

8133 1/2

Amount	Description of Works	Rate	Amount	Total
	Brought Forward Rupees.		Rs. 100	Rs. 100
	Cost of Superintendence with Staff		" " "	8133 11 "
	Allowance for Superintending the works		1127 "	" 1127 "
	Cost of City Establishment		2787 1	2787 1
	Contingent Charges &c &c.		460 2 3	460 2 3
	Grand Total Rupees		10000	"
	Rupees Ten Thousand only.			

Madura Simal Saicko Palace }
21st August 1872 } W. S. S. S. S.
Overseer with charge
of Palace works

W. S. S. S. S.
In charge of Madura Palace

W. S. S. S. S.
District Engineer of Madura

4411

To,

Madura 11th January 1873
Lieut. Colonel R. A. Roberts Esq.
District Engineer, Madura

To,

Colonel G. W. Walker Esq.
Secretary to Government
P. W. Department

Sir,

Referring to para 2 of G. O. No. 1591 dated 14th June 1871, I have the honor to submit for the sanction of Government a detailed estimate amounting to Rupees 10,000 for the restoration, during the past official year 1871-72, of a portion of Tirumala Saicko Palace, at Madura, together with a block plan of the Palace showing in distinct colors the portions thereof repaired during the last two official years respectively. I have the honor to be,

Sir,

Your Most Obedt. Servt.
W. S. S. S. S.
District Engineer

Enclosures: 2.
1. Estimate of
Rs. 10,000.
1. Block Plan.

Compd. G. O.

which bear date the 21st Aug^r 1872; and which have been received with the District Engineer's letter No 4411 of 11th January 1872, are recorded.

The Government regret to find that the timely submission of proper Estimates for the work to be annually undertaken at Tirooniab Naik's Palace is still neglected, those for the current year not having yet been fully supplied. In accordance with standing Budget orders, His Excellency the Governor and Council now prescribe the

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the submission ~~of~~ before the commencement of any official year of detailed Plans and Estimates of the work proposed to be undertaken in that year from the annual allotment. - G.W.M.

CP 301

Gobt. of 1873 Madras.
PUBLIC WORKS.

To
The District Engineer
Madras

Dated

Recd. 15

Encl. 2

G. O. 5 February, No. 384

Mos. 100 & 107

Serasmala Naick's Palace
at Madras. Detailed
 Estimates & plan of work
 proposed to be carried
 out to Serasmala Naick's
 Palace at Madras in
 1871/72. Recorded with
 Remarks.

the