

(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.	459	(w)	Press
B.P. No.			Mis.
Dated	18-2		1876.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
18th February 1876.*

No. 357. Read the following letter from Lieutenant-Colonel J. F. FISCHER, R.E., District Engineer, Madura, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madura, 2nd February 1876, No. 4,046 :—

ADVERTING to G.O. of the 10th December 1875, No. 3,501, I have the honor to
1 Revised Estimate of Rupees 5,630. forward a revised estimate, amounting to
1 Comparative Statement. Rupees 5,630, with comparative statement as therein directed.

2. I beg to explain, at the same time, that as I had ascertained a Court of much less dimensions than originally sanctioned would suffice for all purposes, and there would thus be a considerable saving to the Government, I did not think the additions I proposed would be so much objected to, particularly as the community here have been deprived of their only place of recreation for three years, and the ground thus taken up has never yet been required for public purposes.

3. I had also allowed much more for foundations than is now provided for, and I only hope it will be found I was in error in so doing, for walls of much less height than these are a good deal more spread and was allowed at the base in the Godavery works, and the soil here is not by any means so good as it was there, nor have I the means of exercising the same supervision over the works here as I had there.

No. 358.

ORDER THEREON, 18th February 1876, No. 459.

CIVIL WORKS, No. 15-A.

It is observed that Colonel Roberts, in his letter printed with G.O., No. 1,118, dated 20th April 1875, states that his revised estimate then forwarded, and amounting to Rupees 5,030, provides for "the excess in depth of foundations;" this being the difference between that adopted by Colonel Fischer and that provided in Colonel Roberts' original estimate.

2. The inference is that the foundations adopted in that estimate and also in the one last sanctioned are those of Colonel Fischer and not Colonel Roberts. Be this as it may, Colonel Fischer will understand that whatever is necessary for the security of the work in respect of foundations must be provided, but that sanction cannot be given on vague statements.

3. If any portion of the foundations provided for in the present estimate, but not carried out, require to be extended, a plan and sections must be supplied showing in distinctive colors the nature and extent of the additions proposed, and the quantity and cost of the work must also be stated.

4. Pending the receipt of this information the estimate, as now presented, is adopted.

5. This sanction has been registered as Provincial, No. 10 W. of 1875-76.
(True Extract.)

Major-General, R.E.,
Secretary to Government.

To the District Engineer, Madura.
,, Controller of Public Works Accounts.

Exd. S. T. Austin.
Spare Copies

Detailed Estimate of 1878-79
District Madras Relief Madras
Constructing two Bungalows and
Mad

Particulars	Measurements				
	No.	L	B	Thick	Contents
<u>Concrete in Foundations</u>					
Longitudinal wall	2	77	5	1/2	1155
Front wall		39	5	1/2	292 1/2
Chimney		5 1/2	5	1/2	286 1/4
Spiral	2	5	11	1/2	198
Corner joints	2	17	3	1/2	153
Back wall		32	9	1/2	432
Total Quantity of Concrete in chm					2466 3/4
at 3 1/4					91 1/2
<u>Rough Stone in Chimneys</u>					
Front wall including side	1	39	2-9	5	536-5
Spiral stair cases taken in block	2	7	7	5	490
Centre wall	1	38 1/2	2-9	5	529
Rear wall	1	38 1/2	3/8	5	601-9
Side walls	2	71	2-9	5	1952 1/2
Buttresses beyond rear and side walls	12	3	2-9	5	495
Total Foundations Rough Stone in chm					4604-8
at 9 1/4					170 2 1/2
<u>Basement Brick in Chimneys</u>					
Rear to front wall including side	1	39	2	1	78
Spiral stair cases taken in block	2	7	7	1	98
Centre wall	1	38 1/2	2	1	77
Rear	1	38 1/2	2	1	77
Side	2	71	2	1	286
Buttresses beyond rear and side	2	3	2	1	72
					681

Comparative table
showing the difference
between the estimates
of the estimate for con-
sidering the new Project
and the old
estimate of \$630.

Brother June 2 was so better from
the District Conference &
had come to the Secretary
to General month of 1872,
\$4046 dated 2 and 1872.

Chas. W. Smith

1889 9-26-1889

J. J. Hill
 Officer in Infantry Corps
 11th Iowa Regt.

Sakai on to use the
 24th of January 1876 }
 Okadara Range Office
 Okadara 29th January 1876 }

[illegible]

Structure below 15' high

Front and side walls (above) up to terrace	1	39	1-3	8-6
Wall around spiral stair cases above up to cornice	2	15	1-3	10
Centre wall above up to terrace	1	39	1-3	8-6
Side walls above up to 15' high	2	15	1-3	10
Step in front brick road including foundation	1	5	1	1
Steps of the spiral stair cases	2	2	1	1
Wall inside spiral stairs	2	4	8	1
Brick pillars in centre of steps	2	11	1	6
Drainage walls in the side arches in ground	2	2	1	3
Buttresses beyond rear and side walls up to 15 feet high	2	8	1-3	15

Subtotal 50 1-3 9

Subtraction

Centre arch way including foundation in the bottom story	1	50	1-3	9
Small arches in the bottom story including thickness of arches	2	2	1-3	8-6
Rest way in the centre wall 2' x 6'	1	2-6	1-3	6
Rem. 20' stair cases in the bottom story	2	2-8	1-3	6-6

Subtraction 50 1-3 9

Remaining 0 0 0 0 0

Structure above 15' high

Front and side walls above terrace	1	39	1-3	8-6
Wall around spiral stair cases above cornice	2	15	1-3	10
Centre wall above terrace	1	39	1-3	8-6
Side walls above 15' high	2	15	1-3	10
Rear wall from front to full height	2	71	1-3	8
Buttresses beyond rear wall above 15' up to top of arches	1	39	1-3	8-6
Buttresses on either side of rear wall	1	6	1-3	8

Subtotal 6 8 1-3 7-8

Structure

Collecting ornamental ironwork between arches in rear	6	6	1/2	2	8-9
Iron cast arch to make ring around door	5	5	8	1-6	112-6
Recess beyond side walls above 15' high	6	8	1-3	10	235
Ironwork on lowest portion of the wall	2	1	1	1-6	9-6
Centre portion of step	2	2-6	2-6	1	70
Step at top portion of step	2	6	1-6	9-8	

Subtotal 5 1/2 5 1/2

Functions

Steps at top of stair cases	2	2 1/2	1-3	1-6	20-7 1/2
Let windows for the outer walls of the	2	9	1-3	6	20-7 1/2
Regular openings in the ground and rear wall of the upper story	6	8 1/2	1-3	8-6	20-7 1/2
Stone casing in front of rear wall	1	8 1/2	1-3	8-6	20-7 1/2

Subtotal 11 11 11 11 11

Arch work

Large in front	1	10 1/2	1-3	1	10-6
Small in rear	2	9	1-3	1	22-6
On buttresses beyond rear wall	5	8	8	9	90

Subtotal 8 27 20 2

Excavation

ing with terrace bricks on edge	1	22	11	2-2
of glass tiles 3' of brick gully under	1	22	11	2-2
of ordinary paving tiles under	1	22	11	2-2

Subtotal 3 66 33 6-4

1799/8/21/96.
1800/1/26/96.
1800/2/26/96.

1799	1799	1799	1799	1799
1799	1799	1799	1799	1799
1799	1799	1799	1799	1799
1799	1799	1799	1799	1799
1799	1799	1799	1799	1799

Plastering with 8" sq. like concrete

day to front side of gallery	1	57			
day to inside stair case	2	10 1/2			
day to back	1	36			

total sq. ft. of plastering

Cornice for the lower floor

total sq. ft. of cornice work

Plastering

day to basement all around	1	31			
day to outside of ground walls and base including lower and upper steps	2	7 1/2			
day of stair case including lower and upper steps	2	7 1/2			
day of side walls up to 15' high	2	7 1/2			
day of side above 15' high	2	7 1/2			
day of rear wall	1	36			
side of buttresses beyond rear wall	1	3			
to include arches on buttresses beyond rear wall	5	3			

days

side of sloped buttresses on top of buttresses	1	0			
arches in rear wall	1	0			
space on top of arches between sloped buttresses in rear wall	5	5			
side of buttresses on side walls	1	0			
linch hole side at the termination of rear wall	2	3			

day Centre portion of day	2	6			
day Top portion of day	2	3			
to inside of hall or gallery all around up to screen	1	57			
to inside of wall of stair case	2	10 1/2			

total sq. ft.

Plastering Continued

to inside of hall or gallery in the upper story	1	57			
to inside of wall of stair case in the upper story	2	10 1/2			
day Centre wall	1	36			
day of side walls up to 15' high	2	7 1/2			
day side above 15' high	2	7 1/2			
day of side walls	2	7 1/2			

total sq. ft.

Deductions

on both sides of each way in ground	1	2			
day	2	6			
openings in the upper story	1	2			
slot ways as stair case	1	2			
on the centre wall	1	2			

total deduction

total plastering on one case Charnier and one case

rough work

Roofing

day on ground building both sides	1	19			
day side of ground building	2	15			
day of spiral stairs	2	28			

total roofing with Vinyon wood shingles

shingles from these companies

Stone Cornice and work

to openings in the ground walls of upper story	3	5			
day side arches in the ground wall	2	4			

total heavy cornice like work of 108

Vinyon wood work

to inside of stair case	15	10			
Breaststoppers	2	21			

total open

wood work continued

Ball plates on side wall	2	10	2'	8"	1-8
Cross ties	10	10	2'	8"	12-6
King posts	10	4	8"	8"	2-6
Rafter	20	1	8"	4"	10
Common rafter gable and head	6	9	8"	4"	4-6
Do do in the sides	6	3	8"	4"	3-6
Pillar plates on top of gallery	4	1-6	1-6	1/2	1-1/2
Rip rafter	4	11	8"	4"	5-6
Rafter to the roof of stair cases	26	1	8"	4"	16-2
Ball plates to do do	2	25	8 1/2	3"	3-7 1/2
Total Dugay wood wrought and put up 104					
1 Battled door 2 1/2 x 6 including frames to Centre wall	1	"	"	"	1
2 Sphic windows 9' x 8' high with wire netting including frames 2' x 2'	2	"	"	"	2
62 Rags of Ornamental euc board	12	"	"	"	62
2 Long Iron pinnales spikes on brick	2	"	"	"	2
Pinnales on termination of rear wall	2	"	"	"	2
2 Small Iron pinnales on the roof of spiral stair cases	2	"	"	"	2
1 Double door for entrance	1	"	"	"	1
Excavating foundations & filling in					
Land @ 2 1/2 D cut					
Superintention dues					
Compensation of land					

The Rock Column etc 1875/76

Director Drachma Subur Madras

Rock Constructing New Rector Court Madras

Quantity	Description	Rate	Amount	Total
91 1/2	3/4 of Concrete made from 1/2 of 1/2	2 8	228 6 8	
170 1/2	do do Rough stone in Chimney	3 8	595 12 5	
202	do do Brick in Chimney below 15' high	2 80	909 0 0	
146	do do do do do do	5 0 0	730 0 0	
4 1/2	do do do do do do	5 0 0	28 0 0	
2 1/2	3/4 of Terraceing with Lacer bricks			
	1 course of glass tiles 3' of brick full height	12 0 0	30 0 0	
	a course of ordinary paving tiles complete			
940 1/2	do do do do do do	1 2	1128 0 0	
27 1/8	3/4 of flooring with 8' of tiles with concrete	8 0 0	217 0 0	
50	3/4 of Concrete to the lower story	2 6	73 0 0	
136	3/4 of Plastering with 1 coat of Chinaware and 2nd coat with Buzz coat 3/4	2 8	340 0 0	
7 1/8	do do do do do do	18 "	132 12 0	
	Brick down tiles to complete 3/4			
1 1/2	3/4 of Sundry Concre tile work	10 0 0	10 12 10	
104	3/4 of Dugay wood wrought & put up	3 4	353 0 0	
1	Battled door 2 1/2 x 6 for Centre wall with frame	18 "	18 0 0	
2	Sphic windows 9' x 8' with wire netting	4 "	8 0 0	
62	Rags of Ornamental euc board	4 "	15 8 0	
2	Long Iron pinnales with Iron spikes	5 0 0	10 0 0	
2	Small do do do do do do	2 0 0	4 0 0	
1	Double door with bolt & lock & handle	30 0 0	30 0 0	
	Excavating foundations & filling in		47 3 4	4877 0 0

of their only plan of recreation for 8 years
and the ground thus taken up has never
yet been required for public purposes.

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Sir

Your Most Obedt Servt
Arthur L. L. L. L.
District Engineer of
Madura

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Q88-Decr/73. B 2962
"7: Feby/74. 303.
"12: July .. 107
"26: Janu/75 .. 226/3
"26: April .. 1118
"10: June .. 1632.
"10: Decr .. 3501 origl

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the work

176 Sep 6
No. 918
From
The District Engineer
Madurai
To
The Secretary
to Government
N. 4046

Dated 2nd
Nov 5th
Enclos 2

Forwards a revised
Estimate of Rs. 5630 with
comparative statement
for constructing a new
Racquet Court at
Madurai.

357

District Engineer of
Madurai

Ref 59.

Public Works Department

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 18th Feby 1906
Read the following:—

The District Engineer
Madurai

It is observed that
Colonel Roberts in his receipt
letter printed with R.C.
No. 11/8 dated 20: April 1905
states that his
revised estimate then
forwarded and amounting
to Rs 5030 provided for
"the excess in depth of
foundations"; this being
the difference between
that adopted by Colonel
Fischer, and that provided
in Colonel Roberts'
original estimate.

17/2
Encl 1st Col 7
asked of Dep. Engr
by plan?

The

The inference is that the
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Be this as it may, Colonel
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Pending the receipt
of this information
the estimate, as now
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This sanction has been registered
as Provincial No 10 W of 1875-76.
J. H. S.

G. W. W.

S. E. Maden ✓
Comd. P. H. D. ✓

Exd. Ad.

Drpd 29. 2. 76

GOVT. OF INDIA
PUBLIC WORKS.

J. S. Madan

24/10/02

1000/1000

Nos. 357

For. Public Works
Madan — the series
of Public Works
Constructing in — the
construction of public
information —