

(1) Number of pages 24
 (2) Date of repair 26.7.18
 (3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 458	Press Mis.
297-98	
Dated 17. 2.	1872.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
17th February 1872.*

No. 297. Read the following letter from the Acting Superintending Engineer, 1st Division, to the Secretary to Government, Public Works Department, dated Dowlaishweram, 20th December 1871, No. 2,947 :—

ADVERTING to G. O. of the 20th September last, No. 2,400, I have the honour to forward two original reports from Mr. Laskey, the Range Officer, with the original design for the Yellamunchilly Cutcherry, and a comparative statement showing the increase of cost to be incurred in carrying out the arrangements I had recommended either in stone and chunam, or stone-in-mud, namely, Rupees 3,370 and Rupees 2,900; these are at the rates entered by Mr. Laskey, but I have reason to believe they are unnecessarily high, and a good Range Officer would be able to work far cheaper. I have no doubt Serjeant Cormac, who was lately in charge of Vizianagram Range, and is now at Waltair, would be able to get the work done at far less cost.

- 1 Comparative Statement.
- 1 Plan (original).
- 1 Estimate (do.)
- 2 Revised Estimates.
- 2 Original letters (to be returned).
- 1 Data List.

ments I had recommended either in stone and chunam, or stone-in-mud, namely, Rupees 3,370 and Rupees 2,900; these are at the rates entered by Mr. Laskey, but I have reason to believe they are unnecessarily high, and a good Range Officer would be able to work far cheaper. I have no doubt Serjeant Cormac, who was lately in charge of Vizianagram Range, and is now at Waltair, would be able to get the work done at far less cost.

2. As far as I can understand the design is a standard one, and ordered to be constructed of brick, otherwise I am at a loss to account for this material being used in a district like Vizagapatam, where stone of such excellent quality is to be met with, and particularly at this site. Under these circumstances, the Superintending Engineers and Range Officers can hardly be held responsible for the material used.

3. I do not think it worthwhile entering into the subject of Mr. Laskey's laboured reports; delay enough has taken place in obtaining the required information from him, and that now submitted is not very satisfactory. I may, however, mention that a school-house built by Mr. Laskey at this same station some four or five years ago of brick-in-chunam was not, when I last saw it, in a very satisfactory or creditable condition. I had forgotten, I find, to mention in my last letter that the Cutcherry, besides being exposed to the three or four monsoon seasons, had been exposed to the cyclone of last year, and the work has thus been very severely tried, even before a roof has been put upon it; but the question I raised was if it is not now better to use a far more durable material in such a structure than complete the work as it had been begun. Only some five arches out of fifty or more may have cracked without the roof being on, but that is hardly encouraging enough to put a heavy tiled roof on the others, or on walls made as thin as possible, of material which is not of first rate quality, and as the workmanship here is always indifferent.

No. 298. ORDER THEREON, 17th February 1872, No. 458.

CIVIL WORKS, No. 13.

IN G. O., No. 1,119 of the 6th April 1869, an estimate of Rs. 18,780 was sanctioned for constructing a new Taluq Cutcherry on the standard plan at Yellamunchilly in the district of Vizagapatam, and when the work was stopped, the walls of this building had been raised nearly to the full height, and up to date Rupees 8,920 were spent upon the work.

*Proceedings of the Madras Government, Public Works Department,
17th February 1872.*

2. The Superintending Engineer of the 1st Division reported that when he examined this work in August last, he found several of the arches over the doors and windows cracked, and that the action of the sea air on the bricks had produced an unsatisfactory appearance on the walls, and recommended that the whole super-structure should be pulled down. That officer now submits revised estimates in the shape of a comparative statement for re-building the walls 21 inches thick instead of 15, as at present, and for completing the building, the walls to be of rough stone-in-chunam, the whole costing Rupees 22,150, being Rupees 3,370 in excess of the original sanction, or with rough stone-in-mud for Rupees 21,680.

3. The Government approve of the walls being dismantled and re-constructed as recommended with rough stone-in-chunam, and sanction the revised estimate of Rupees 22,150 for the purpose.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Acting Superintending Engineer, 1st Division.
" Controller of Public Works Accounts.
" Judicial Department.

Exd. S. Augustin.

SUPERINTENDING ENGINEER'S OFFICE, 1ST DIVISION.

DOWLAISHAHUM, 20th December 1871

No. 2947
From

Major J. J. Fischer R.E.
Acting Superintending Engineer

1st Division

To

Colonel J. Leaperdale R.E.
Secretary to Government D. P. W.

MADRAS

SIR,

Adverting to G.O of the 20th September last No 2200. I have the honor to forward two original reports, from Mr. Sastrey, the Range Officer, with the original design for the Yella-mmelully Anteterry, and a comparative statement shewing the increase of cost to be incurred in carrying out the arrangements, I had recommended either, in stone and chunnam or stone in mud, viz. Rs 3370 and Rs 2900, these are, at the rates entered by Mr. Sastrey, but I have reason to believe they are unnecessarily high, and a good Range Officer, would be able to work far cheaper; I have no doubt Sergeant Coormae who was lately in charge of Vizianagram Range, and is now at Waltair, would

would be able to get the work done at far less cost.

2 As far as, I can understand, the design is a standard one, and ordered to be constructed of brick. Otherwise, I am at a loss to account for this material being used in a District like Vizagapatam, where stone of such excellent quality is to be met with, and particularly at this site. Under these circumstances, the Superintending Engineers, and Range Officers, ~~are~~ hardly to be held responsible for the material used.

3 I do not think it worthwhile entering into the subject of Mr. Lestrey's labors & reports. delay enough has taken place in obtaining the required information from him, and that now submitted, is not very satisfactory. I may however mention, that a school house, built by Mr. Lestrey, at this same station some 4 or 5 years ago of brick in Chumam, was, not when I last saw it, in a very satisfactory or creditable condition. I

had

had forgotten. I find to mention in my last letter, that, the catcherry, besides being exposed to the 3 or 4 monsoon seasons, had been exposed to the cyclone of last year, and the work has thus been very severely tried, even before a roof has been put upon it; but the question, I raised was, if it is not now better to use a far more durable material in such a structure than complete the work as it had been begun. Only some 5 arches out of 50 or more may have cracked without the roof being on, but that is hardly encouraging enough to put a heavy tiled roof on the others, or on walls made as thin as possible of material which is not of first rate quality. ^{for} The Government has also a indifference.

I have the honor to be

Sir

Your most obedient servant

W. T. Fisher Major R.E.

Ag. Superintending Engineer D^r

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Quantity	Description of Charges	Rate	Item	Amount	Total
152	Cy of concrete below foundations including excavation & filling in	2 8	Qty	380	-
389	- do - Rough stonew in chunam	2 4	do	875	4
551	- do - of Brick in mid Superstructure	2 8	do	1377	8
162	- do - of Brick in chunam	3 8	do	567	-
110	Rft of inner Cornice to Room	4	PRft	27	8
153	- do - of Exterior cornice with dentils	6	do	57	6
114	Gys of tiled Roofing including eaves and chunam border	15	do	1710	-
10	- do - of Terrace roofing	25	do	250	-
78	- do - of Flooring with cut stone paving	15	do	1170	-
7	- do - of - do - laid wards with asphalt	20	do	140	-
69	Stones below posts & trusses	8	Each	34	8
164	Gys of interior plastering	2	do	328	-
119	- do - of Exterior pointing	2 8	do	297	8
114	Cft of Oak wood	3 8	Ref	3909	8
2	Ornamental trusses in front of Cash room	100	do	200	-
1269	Supl ft of door including frames	1 4	do	1586	4
273	- do - of Battue door including frames	1 6	do	375	6
20	- do - of partitions without frames	1	do	20	-
6	Iron gratings with frames	80	do	480	-
8	- do - door & gratings without frames measuring 9 x 4	100	do	800	-
58	- do - do - 4-6 x 2-6	30	do	400	-
Carried Over 14985 12					

Printed On: _____ 70-107990

458-17 4/17/72

Chief Building 320000

Abstract Estimates of 1868-69

District Magistrate's Office

Village of Yellamanchetty

North Constructing a
Sailing Cutchery and
Subsidiary Jail with
out offices

P. W. 6136/71.

10th Feb 1872 L 297

20. Comparative statement showing the cost of differences between the Revised Estimates for County the sub magistrates catchment & sub jail at J. Ammendale.

Original Estimate.

Revised Estimate for Pulling down the present 15 inches thick brick walls & building them with Rough Stone in chumms 21 inches thick

Quantity	Description of Work	Rate per Amount	Total Quantity	Description of Work	Rate per	Amount of built with R.S. in chumms	Amount of built with R.S. in chumms	Remarks
152	Cy Concrete under foundations	2 8. 0	380 . .			380 . .	380 . .	
389	... Rough stone in chumms foundation	2 4. 0	875 4 .			875 4 .	875 4 .	
551	... Brick in hand superstructure	2 8. 0	1377 8 .			1377 8 .	1377 8 .	
				80 1/2 Cy Rough stone in chumms (superstructure)	3 - - Cy	2413 8 -	2413 8 -	
				5 - in mud	2 4. 0	1324 . .	1324 . .	
				216 - in chumms	3 0. 0	648 . .	648 . .	
162	... Brick in chumms arch work	3 8. 0	567 . .			567 . .	567 . .	
110	11ft interior cornice work & doors	4. 0	27 8 .	43 5/7 - Cut stone arch work	8 - - 0	348 7 1	348 7 1	
153	... Exterior	6. 0	57 6 .			27 8 .	27 8 .	
114	Sq. tiled roof	15 . .	1710 . .			57 6 .	57 6 .	
10	... Terrace roof	25 - - 0	250 . .			1710 . .	1710 . .	
78	... Flooring with cut stone paving	15 . . 0	1170 . .			250 . .	250 . .	
7	... Asphaltic flooring & foot ways	20 . . 0	840 . .			1170 . .	1170 . .	
69	... St. Stones below posts & benches	8 - 2u	34 8 .			140 . .	140 . .	
164	Sq. interior plastering	2 - - 0	328 . .			34 8 .	34 8 .	
119	... Exterior painting	2 8. 0	297 8 .			328 . .	328 . .	
1117	Cft. Tankard	3 8. 0	3909 8 .			297 8 .	297 8 .	
2	Ornamental benches	100 - - 0	200 . .			3909 8 .	3909 8 .	
	Doors & windows etc		3661 10 .			200 . .	200 . .	
	Contingencies		1504 4 .			3661 10 .	3661 10 .	
	Total for main building		16490 . .			300 . .	300 . .	
	Out houses		2290 . .			1612 4 11	1783 12 11	
			18780			300 . .	300 . .	

Rebuilding the present walls & removing the rubbish.

Desert Original Estimate

Total Excess

Supdy Dept Office 1st Dec 1871
Bowland Chambers
16th December 71

Amended from Mr. Laidley's date at hand
further altered Mr. L. H.

Antitichor. Major R.
Asst. Surgeon - 1st Dec

P. No. 8136/11.
 Civil Building
 No 2947 dated 25th
 Dec 1891 from the
 Engineer to the
 District Engineer
 Secy to Government
 Bangalore

Provincial
 Civil Buildings

Estimate No. of 1891-92

District Viragachalam Taluk Saravali

Village Vellamunchilly

Work. Putting down the present 15 inches thick brick
 walls of the Vellamunchilly Taluk Cutcherry and re-
 building them with Rough Stone in Chunanam 21 inches thick

Description of Charges	Rate	Amount	Total
8 1/2 Cys. of Rough Stone in Chunanam	3	25 1/2	25 1/2
Superstructure			
14 3/4 Do. of Cutstone Cutch work	8	118 1/4	118 1/4
in Chunanam			
Dismantling the present			
walls and removing the rubbish			

Contingencies at 10 per cent 35 1/2

Total Rupees 179 1/4

W. L. T. T. T. Major P. S.
 Asst. Supy. Engr.

No. 100 Coonda Range
 Office Camp Vellamunchilly
 8th November 1891

Mr. P. S. S.
 Range Officer

District Vizagapatam. Taluq Suvassiddhy
Village. Yellamunchilly.

Work — Pulling down the present 15 inches thick brick walls of the Yellamunchilly Taluq Cutcherry and re-building them with Rough Stone in Mud. 21 inches thick

Description of Charges		Rate	Pro Amount	Total
588 ⁴ / ₉	Cy of Rough stone in Mud	2 1/2	R. 1324 0 0	
43 ⁵ / ₉	do of Cut Stone Archwork in Churnam	8	do 348 7 1	
216	do of Rough Stone in Churnam	3	do 648 0 0	
	Dismantling the present walls and removing the rubbish		300 0 0	
				2620 7 1
	Contingencies	2 10	R. 2798 4	
				<u>Total Rupees 2900 0 0</u>

At Vizagapatam
Range Office
Camp Yellamunchilly
8th November/71

M. B. Swamy
Range Officer

W. T. Tucker Major R.E.
Asst. Engineer

H. D. S. S. S.

Provincial
Civil Buildings
District Vizagapatam Taluq Suvassiddhy
Village Yellamunchilly
Work — Pulling down the present 15 inches thick brick walls of the Yellamunchilly Taluq Cutcherry and re-building them with Rough Stone in Mud. 21 inches thick, amounting to Rs. 3360.
P. R. 6156/71

No. 1 Range Nagapatam District
— Data —

17th
17

Quantities
= 17

Particulars

Amount Total

House to Aprons of ancient Calingalals
and Bridge floors &c.

1/4	Cy of Rough Stone @ 8-0 Annas	10.
3	Paras of Chumam @ 4-0	12.
4 1/2	Paras of River sand @ 4 Pils	16
1/2	Bricklayer @ 7-0 Annas	36
1	Chaw @ 2-0	2.
3	Women @ 1-0	3.

13 road walls under ground such as
Foundations & Retaining walls.

1/4	Cy of Rough Stone @ 8-0 Annas	10.
3	Paras of Chumam @ 4-0	12.
4 1/2	Paras of River sand @ 4 Pils	16
3/4	Bricklayer @ 7-0 Annas	53
1	Chaw @ 2-0	2.
3	Women @ 1-0	3.

Thick walls above foundation in
the case of ancient Bridges &c.

1/4	Cy of Rough Stone @ 8-0 Annas	10.
3	Paras of Chumam @ 4-0 Annas	12.
4 1/2	Paras of River sand @ 4 Pils	16
1	Bricklayer @ 7-0 Annas	7.
1	Chaw @ 2-0	2.
3	Women @ 1-0	3.

Principal — — — — —
Coil Building — — — — —
Abstract Estimate: 4 1/2
District: Nagapatam
Total: Durum 8-8-7-
Bilaga: Pellamuelly
Note: Calling down the
present 15 inches thick
brick walls of the
Pellamuelly
Killing Cutchery
and 1/2 Re. built up the
with Rough stone in
found 21 inches thick
amounting to Rs. 2900—
P. M. 156/7/15

17th

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street

cut

and

2.19

300

21

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236

had

Thin walls 2 ft & under (breast high) on
4 1/2 ft above ground.

1 1/4 Cys of Rough stone @ 8-0 Annas . 10-
3 Parahs of Chunam @ 4-0 do . 12-
4 1/2 - do of River sand @ 4 Pies . 16-
1 1/2 Bricklayer @ 7-0 Annas . 10-6
1 Man @ 2-0 do . 2-
4 Women @ 1-0 do . 4-0

— D^o rising above 1st Scaffolding

1 1/4 Cys of Rough stone @ 8-0 Annas . 10-
3 Parahs of Chunam @ 4-0 do . 12-
4 1/2 - do of River sand @ 4 Pies . 16-
2 Bricklayers @ 7-0 Annas . 14-
2 Men @ 2-0 do . 4-
5 Women @ 1-0 do . 5-0

Scaffolding . 26

— D^o above 2nd Scaffolding

1 1/4 Cys of Rough stone @ 8-0 Annas . 10-
3 Parahs of Chunam @ 4-0 do . 12-
4 1/2 - do of River sand @ 4 Pies . 16-
2 Bricklayers @ 7-0 Annas . 14-
3 Men @ 2-0 do . 6-
6 Women @ 1-0 do . 6-0

Scaffolding . 46

282

31

360

Rough stone in mud.

On road walls under ground
such as Foundations & Retaining
walls &c.

1 1/4 Cys of Rough stone @ 8-0 Annas . 10-
6 Clay . 2-
3 1/4 Bricklayer @ 7-0 do . 5-3
1 Man @ 2-0 do . 2-
3 Women @ 1-0 do . 3-0

163

Thin walls above 1st Scaffolding

1 1/4 Cys of Rough stone @ 8-0 Annas . 10-
6 Clay . 2-
2 Bricklayers @ 7-0 Annas . 14-
2 Men @ 2-0 do . 4-
5 Women @ 1-0 do . 5-0

Scaffolding . 26

256

No. 1 or Golconda Range
Office Camp Yellamanchetty
29th November 1871

Mr. C. V. S. S. S. S.
Range Officer

had

No. 1 Range
Regulation Div.
Q. A. L.
 P. M. 6136/11

Public Works Deptt
 No 458
 Proceedings of the Madras Govt.
 Read the following

From
 The Super Engineer } H. C. A. 2947 of 20 Dec 11
 1st Division

In G.O. No. 1119,
 of the 6th April 1869, an
 Estimate of Rs. 18786
 was sanctioned for construct-
 ing a new Salug Cut-
 -cherry on the Standard
 Plan at Yellamanchilly
 in the District of Vizag-
 -apatnam, and when
 the work was stopped, the
 walls of this building
 had

Had been raised nearly to
the full height, and up to
date Rupees 2920 were
spent upon the work.

The Superintending
Engineer of the 1st Division
reported that when he ex-
-amined this work in Au-
-gust last, he found ser-
-ious decay of the arches over the east
window cracked, and that
the action of the sea air
on the bricks had produced
an unsatisfactory appear-
-ance on the walls, and
recommended that the
whole superstructure should
be pulled down. That
Officer now submits -
revised

revised Estimates in
the shape of a compara-
-tive Statement for re-
-building the walls 21
inches thick instead
of 15, as at present,
and for completing the
building, the walls to
be of rough stone in
Chunam, the whole cost-
ing Rupees 22,150 being
Rupees 3,370, in excess of
the original sanction, or
with rough stone in-
-stead for Rupees 2,150.

The Government
approval of the walls being
discontinued

disinfectant, and recom-
-mended as recommended
with rough stone in
Chennai, and sanitation
the revised estimate of
Rupees 22,150 for the purpose

26 Jan.

1. Engr. 1st. 8. 1/2
two of 1st letters
" in the Rev.
- Judicial
Department -

Dec 19/12/72

C/136

Govt. of 1872 Madras.

PUBLIC WORKS.

To *Bridge Superintending Engineer*
1st Division

Date:

By:

Vol. 6

G. O. No. 1522, N. 11/5

No. 54, 5/5

Letter to the Engineer-in-Chief,
Madras, regarding the
Arrival of the material for the con-
struction of the Railway Culvert
at Gellamanchi, Sane-
tered.