

(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.	1677	Press
B.P.—No.		—Mis.—
Dated	14-6-	C875
		—195—

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
14th June 1875.*

No. 317. Read the following letter from J. D. GRANT, Esq., Assistant Engineer, in charge of District Engineer's Office, Tinnevely, to Lieutenant-Colonel J. MULLINS, R.E., Officiating Secretary to Government, Public Works Department, dated Palamcottah, 22nd May 1875, No. 31 :—

I HAVE the honor to forward a revised estimate, amounting to Rupees 1,780, for the repair of Tuticorin Church. A revised estimate of Rupees 1,350 for this work was sanctioned in G. O., No. 3,192, of 11th November 1874, but when about to be carried out it was found that the scantling of the joists of the terrace roof, viz., $4\frac{1}{2}'' \times 2''$, was insufficient to carry the weight, and that a scantling of $6'' \times 4\frac{1}{2}''$ was necessary even with the omission of a course of square bricks in the terrace roof.

2. There is also an addition of Rupees 79-14-3 for scaffolding not provided in the original estimate.

3. I regret the necessity of again submitting an estimate for this work, but as the roof cannot be built as originally estimated I have no alternative.

4. As the provision of funds for this work would seriously diminish the district grant for Provincial Repairs, I would beg that the extra amount may be allotted from the Reserve.

No. 318. ORDER THEREON, 14th June 1875, No. 1,677.

CIVIL WORKS, No. 37.

THE revised estimate amounting to Rupees 1,780 for repairing the Tuticorin Church is sanctioned. Funds will be provided from the allotment for Provincial Repairs at the disposal of the District Engineer. Had the original estimate been prepared with due care there would have been no necessity for its revision.

(True Extract.)

(Signed) J. O. HASTED, Major, R.E.,

Offg. Joint Secretary to Government.

To the District Engineer, Tinnevely.

„ Controller of Public Works Accounts.

„ Ecclesiastical Department.

Ed. S. T. Austin.

Spare Copies

Gl-14 June 75
N-1647

No. II.—PARTICULARS FROM
ESTIMATES.

Main Budget Head to which chargeable.

Provincial

Title and purpose of the work as given by
District Engineer.

Repairs to Interior Church

Original sanction for the preparation of the
detailed estimate.

(Date and number in both sanctioning and Public Works
Department.)

Amount of original detailed estimate. *Rs 1350*

Number and date of sanction and endorse-
ment in Public Works Department. *G.O. No 3192*
27th Nov 1874

Amount of revised estimate ... *Rs 1780*

Do. of original do. ... *1350*

Excess over do. do. ... *430*

Budget Head to which the work is charge-
able, in detail.

Civil Buildings

Amount of current year's allotment ...

Do. expended in previous years *488*

Total ... *488*

Balance to be provided ... *1292*

Funds can be made available during the
current year.

(Yes or no, and state how in former case.)

*No. But repairs Civil Buildings (Rs 4000)
at disposal of District Eng.*
Brought forward as urgent

(Yes or no, and if so state by who.)

Not stated

DOCUMENTS IN FILE.

From District Engineer—

Trinivelly

1 Covering letter No. *31*, date *22nd May/75*

~~1 Letter from Range Officer, No. , date~~

~~1 Detailed Estimate.~~

1 Abstract do.

~~1 Plan.~~

1 Specification Report.

1. Comparative Statement

From Office—

Original sanction, No. , date
for detailed estimate preparation.

Orders and Proceedings.	No.	Date.	Under	
			P. W. D.	G. O.
P. W. Department	...		No.	Date.
Public do.	...		<i>22/11</i>	<i>6 Sept/73</i>
Revenue do.	...		<i>3/92</i>	<i>11th Nov/74</i>
Financial do.	...			
Military do.	...			

Noted & Order 5-75

Comparative Statement showing difference between Original & Revised Estimate for Repairing & Improving Protestant Church at Tutuhestin.

Description of Work.	Original Estimate			Revised Estimate			Increase of Original		Less than original		Remarks.
	Quantity	Rate	Amount	Quantity	Rate	Amount	L.	Amount	L.	Amount.	
Removing old work ————— C ₁ 20	53 1/2	8	2 1/2	53 1/2	8	26 1/2	"	"	"	"	* Increase of rate and decrease of quantity refers —
Stopping Terrace with 3 Courses of flat tiles 1 1/2" Concrete & 3 Coats of Chunan ————— S ₁ 20	1444	17 8	252 11	2 1444	21	303 3 10		50 8 8		"	
Tengay wood Gate ————— S ₂	135 1/4	3 8	173 13	220 7/8	3 8	773 1	85 1/2	299 4	"	"	
Coral Stone in Chunan ————— C ₂ 20	25 1/2	3 4	82 14	25 1/2	3 4	82 14	"	"	"	"	
Sand Stone ————— S ₃	11 3/4	5 4	61 11	11 3/4	5 4	61 11	"	"	"	"	
Plastering with 2 Coats Chunan ————— S ₄ 20	130 4	3	39 1 11	130 4	3	39 1 11	"	"	"	"	
Painting ————— S ₅	142 5	1 8	21 6	142 5	1 8	21 6	"	"	"	"	
Doors paneled with frames (6" x 6") hooks hinges, bolts latches & Complete 7 1/2 x 4 1/4	4	32	128	4	32	128	"	"	"	"	
Repairing Old windows —————	4	1	4	4	1	4	"	"	"	"	
Repairing Dutch tiles on roof with Chunan here and there —————	"	"	30	"	"	30	"	"	"	"	
Reconstructing pulpits with Old materials New Pulpits each 27' long with hanging ropes pulleys & Complete —————	2	40	80	2	40	80	"	"	"	"	
Whitemashing, flooring Varnishing —————	"	"	69 10 11	"	"	70	"	51	"	"	
Scaffolding &c —————	"	"	50	"	"	79 14 3	"	79 14 3	"	"	
Extra Establishment. —————	"	"	50	"	"	50	"	"	"	"	
			1350			1780		430			

Puthugudi
6th May 1875

W. H. H. H.
Arch. of C₁ 20

Profr
Arch. of C₁ 20

D. H. H.
Sub. du affier
Tencarai

Specification Report to accompany Estimate
for Repairing & Improving Protestant Church
at Tuticorin

1. Amount of Estimate Rs 1780-0-0

Provisions

Estimate

The Estimate provides for removing and re-building the roof for the transept for raising the Compound wall between the pillars on the west side of the Compound for plastering & sundry repairs.

Removing

old work.

2. The roof of the transept to be removed as per Estimate and the walls below the sills of the windows to be cut down to the level of the floor.

Sloping

Terrace.

3. The terrace to be supported in rafters $4\frac{1}{2} \times 6$ " placed 1 foot apart from Centre to Centre. On these will be laid 3 Courses of flat tiles (over receipts) $1\frac{1}{2}$ " of brick jelly in Hydraulic Mortar well beaten down & brought to a level surface. The top to be plastered with 3 Coats of chunam. The flat tiles to be dipped in whitewash before being used. The tiles to be brought from Puthupuzi. The rafters are to be of sound well seasoned Vengai or Camphor wood. The plastering to be done with Hydraulic Mortar composed as follows. 1st Coat 1 of shell of lime to $1\frac{1}{2}$ of sur kee & half of sand. 2nd Coat 1 of lime to 1 of sur kee & $\frac{1}{2}$ of sand. 3rd Coat 1 of lime to $\frac{1}{4}$ sur kee & $\frac{1}{4}$ sand well mixed & ground.

Coral stone

in chunam.

4. The walls between pillars of Compound wall on west side to be raised as per Estimate with Coral stone in Mortar composed of 1 part lime to 1 sand. Only sand free from salt to be used. Water to be obtained from Municipal wells. Care must be taken to soak the stone well before use

4. to lay it with proper bond.

5. The coping of Compound wall to be of sand stone in mortar specified in last para. The stone should be of a hard sound description & sand stone thoroughly wetted before use. The outer stones in chunam should be dressed with a hammer to the required shape.

6. The pillars of the portico & coping of Compound wall to be plastered with 2 coats: 1st Coat, Plastering composed of 1 of lime, $1\frac{1}{2}$ of surkee & $\frac{1}{2}$ of sand ground together. The 2nd $\frac{1}{8}$ thick to be composed of 1 part lime to $\frac{1}{4}$ surkee & $\frac{1}{4}$ sand ground together. The latter to be rubbed smooth.

7. The Compound wall below coping to be pointed with two coats of plaster prepared as Pointing specified in last para.

8. The doors & frames to be of the best Doors & vengai or Teak well seasoned free from knots, crack & other defects. On completion they are to be covered with 2 coats paint of Watniah as desired by the Range Officer.

9. On completion of the work all rubbish accumulated during its execution to be removed to a convenient distance & the place properly cleaned up.

Put through
6th May 1875

D. G. M. S.
Sub-divisional
Engineer
MH

90-144/1000/175
11/2/175
11/2/175

No. 31

Tinnevely District Engineer's Office
Palaincottah 22nd May 1875

From

J. D. Grant Esq.
Assistant Engineer in charge of
District Engineer's Office Tinnevely

To

Lieut. Col. J. Mullins P. C.
Officiating Secretary to Government
D. P. W. Madras

Sir,

Enclosure 1.

1. Abstract
estimate with
comparative
statements

I have the honor to forward a revised Estimate amounting to Rs. 1780 for the repair of Tuticorin Church. A revised Estimate of Rs. 1350 for this work was sanctioned in G. O. No. 3192 of 11th November 1874 but when about to be carried out it was found that the scantling of the joists of the Terrace Roof $6\frac{1}{2} \times 2$ was insufficient to carry the weight and that a scantling of $6 \times 4\frac{1}{2}$ was necessary even with the omission of a course of square bricks in the Terrace Roof.

2. There is also an addition of Rs. 79-14-3 for scaffolding not provided in the original Estimate.

3. I regret the necessity of again submitting an Estimate for this work, but as the roof could not be built as originally estimated I have no alternative.

As

I have the honor to be
 Sir
 Yours most obedient servt
 J. D. Hunt Asst. Engrs
 In charge of District Engrs office
 Sincerely

Work. Repairing and Improving Protestant Church
at Interstien

Original Cost	Valuation	Last repair			
		Year	Amount		
	about				
"	" 10000 "	70-71	45 "		
		72-73	1188 "		
Quantities	Description of work	Rate	Amount	Amount of each part	
53 1/2	Gard. Removing old work—(a)	" 8 "	26 1/2 "		
144 1/4	970 feet. Sloping Terrace with 3 courses of flat tiles 1 1/2 " Corridors & 3 Coats of chunam—	21 "	303 3/4		
220 7/8	1400 feet. Limestone—(a)	3 3/4 "	775 1/4 "		
25 1/2	" 10000 " (a) stone in ch—(a)	3 1/2 "	82 1/2 "		
11 3/4	" 10000 " Sand Stone—(a)	5 1/4 "	61 1/4 "		
130 1/4	590 feet plastering with 2 Coats chunam—(a)	3 "	39 1/4 "		
14 2/5	Do Mortar—(a)	1 8 "	21 6 "		
4	Do Dr. paneled with frame (6x6) hooks, hinges bolts, lintels & v Complete 7 1/2 x 10 ft—	32 "	128 "		
4	Repairing Old Windows—at	1 "	4 "		
	Repairing Dutch tiles on roof with chunam here & there—		30 "		
	Reconstructing pulpit & v with old materials—		30 "		
2	new bunkas each 27' long with hanging ropes pulleys & v Complete—	40 "	80 "		
	Whitewashing, flooring, latrining—		70 "		
	Café & Dining		79 1/4 3 1730		
	Extra Establishment		50 "		
	Total amount of Estimate		1780 "		

63011 Nov 74 No 174-175
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1895. Linnell
with 1895
with 1895

SC No 1
03-6-75

No 317-318
No 10-6-75
Cir: 4/6/75 No 8/6/75
Rec'd to Roly 31-5-75

The revised estimate for the repairs of the Indian Church is forwarded. It will be provided from the estimate for the repairs of the Indian Church at the expense of the British Engineer. The original estimate has been forwarded with the same. There will have been no necessity for its revision.

P. W. 1895 Sept.
No 31.

From No: 3441

The app. Insignia of
the Insignia office
Insignia

To: The Offr Secretary
to Government
D.P.W.

Dated 22nd May 1895.
Received 26th

Enclosure 3.

It is towards for the repairs
of the Indian Church for
the repair of Indian
Church with explanation.

With order

3441 ✓

Govt. of 1875 Madras.

PUBLIC WORKS.

To

Mie D. L. S. S.

Minerally

Dated

Issued

Recd.

Pl. cl.

G. O. No. 1677

Nos. 317 - 318

Repairing the Tuticorin
Church, Tinnevely. — The
revised estimate amounting
to Rs: 1,780 for ———,
sanctioned with remarks.