

- (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.	599	Press
B.P. No.		Mis.
Dated	7-3-	C8 74 195

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
7th March 1874.*

No. 162. Read the following letter from Lieutenant-Colonel E. A. FOORD, R.E., Inspecting Engineer for Civil and Military Buildings, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Chepauk, 5th February 1874, No. 190:—

With reference to your memorandum of the 10th of October 1873, No. 382, I have the honour to inform you that I sent the estimate for the traverse, etc., to the Reserve Powder Magazine at the Mount to the District Engineer for revision, and inspected the building with him immediately after my return from the Neilgherries. I did not receive the revised estimate* from the District Engineer till the 12th of last month, and this estimate exceeds the original by Rupees 510.

1 Plan.
5 Abstracts.
5 Specifications.
1 Letter from District Engineer, No. 2,741, dated 10th January 1874.

* Rupees 10,400, now reduced to Rupees 9,960.

2. The ground on which the magazine has been built being rocky, the earth for the traverse will have to be brought from a distance, and hence the exceptionally high rate. It is proposed to retain the existing compound wall as a core to the traverse, as it will be cheaper to do so than to break up the wall. The charge for excavating the foundation has been increased from 4 to 6 annas in consequence of the hardness of the soil, but all the material thus obtained will be utilized.

3. The work is intended to be done departmentally. The increased quantity of brick-work in the revised estimate is due to drains through the traverse having now been provided to carry off the water from the ground enclosed, and an extra drain has been provided on the east side of the magazine.

4. The increased rate for metalling is in accordance with the present rates for road work. The excess on the packing shed is owing to the fourth wall not having been provided for in the first estimate. The existing packing shed has only three walls, the compound wall forming the fourth.

5. The original estimate was received on the 4th of July, but there were so many other estimates under examination at the time that this could not be forwarded earlier than it was. It was accompanied by detailed estimates.

6. It will be seen from the District Engineer's letter* which accompanied the revised estimate, that he is now of opinion that a traverse will not be of much use, but, for the reasons given in the letter† of the Inspector-General of Ordnance and Magazines, I think that, as a precautionary measure, the traverse should be constructed.

* No. 2,741, dated 12th January 1874. .

† No. 401, dated 27th March 1872, printed with G. O., No. 1,315, dated 19th April 1872, Military Department.

No. 163. ORDER THEREON, 7th March 1874, No. 599.

MILITARY WORKS, No. 7.

THE estimate of Rupees 9,960 for a traverse round three sides of the Reserve Magazine at the Mount and for subsidiary buildings connected with that work, is sanctioned; and the amount will be available from the Reserve under Military after the 1st April, together with the sum

exceeds

Proceedings of the Madras Government, Public Works Department,
7th March 1874.

required to complete the guard-room, and understood to be Rupees 4,000. The District Engineer will report the exact amount without delay, and also state the reason for the great delay that has occurred in supplying reliable estimates for a work of considerable urgency, which were required of him so far back as May 1872.

True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

To the District Engineer, Chingleput.
" Inspecting Engineer for Buildings.
" Inspector General of Ordnance and Magazines.
" Military Department.
" Officiating Controller of Public Works Accounts.

Encl. S. T. Austin.

Spare Copies

N^o 190 . . . Office of the Inspecting Engineer
for Civil & Military Buildings
Chelpank 5th February 1874

From

Colonel E. A. Hood R.E.

Inspecting Engineer for Civil
& Military Buildings

To

Colonel G. W. Walker R.E.

Secretary to Government P.W.D.

Sir,

Enclosures 12

1 Plan

5 Abstracts

5 Specifications

1 Letter from District

Engineer, No. 271st,

of 10th June 1874.

With reference to your Memo of

the 10th of October 1873, N^o 382, I have

the honor to inform you that I sent

the estimate for the traverse, &c. to the

Reserve Engineer. Magazines at the

Mount to the District Engineer for

revision, and inspected the building

with him immediately after my

return from the Nilgherries. I

did not receive the revised estimate

from the District Engineer till the

12th of last month, and this estimate

exceeds

* Rs. 10,400 now
reduced to Rs. 9,760.

exceeds the original by Rs. 510-....

2. The ground on which the Magazine has been built being rocky, the earth for the traverse will have to be brought from a distance and hence the exceptionally high rate. It is proposed to retain the existing compound wall as a core to the traverse as it will be cheaper to do so than to break up the wall. The charge for excavating the foundation has been increased from 4 to 6 Annas in consequence of the hardness of the soil, but all the material thus obtained will be utilized.

3. The work is intended to be done separately. The increased quantity of brick work in the revised estimate is due to drains through the traverse having now been provided to carry

off

off the water from the ground enclosed, and an extra drain has been provided on the east side of the Magazine.

4. The increased rate for metal-ling is in accordance with the present rates for road work. The excess on the packing shed is owing to the fourth wall not having been provided for in the first estimate. The existing packing shed has only three walls, the compound wall forming the fourth.

5. The original estimate was received on the 4th of July but there were so many other estimates under examination at the time that this could not be forwarded earlier than it was. It was accompanied by detailed estimates.

b. It will be seen from the District
Engineer's letter which accompanied the ⁺N^o 2741, dated
12th Jan'y, 1874.
revised estimate that he is now of opinion
that a traverse will not be of much
use, but, for the reasons given in
the letter of the Inspector General of ⁺N^o 401-27th March
1872 - printed with
G.O. N^o 1315-19th
April 1872 - M.D.
Ordnance and Magazines, I think
that, as a precautionary measure, the
traverse should be constructed.

I have the honor to be

Sir

Your Most Obedient Servant

E. A. Ford Colonel R.E.
Inspecting Engineer for
Civil & Military Buildings

P.W. 1874 Department
No 190

To
The Inspecting Engineer
for Building.

The Secretary to
Government P.W.

Dated 5th February
Recd 13th 1874

Encl. 12th
In brief with
explanation the plan
estimate for the
work due to the
- some Powder Maga-
- zine at St. James
- Mount, Chingle.
- Fort District.
No 599-7 "Block 176

162

A.C. 13.2.74 A. 13.2
A. 10 Feb/74 A. 13.2

No 1652.

No 2 Range Office
23rd December 1873.

From
The Executive Engineer
No 200 Mount Range
Chingleput District.

To
The District Engineer
of Chingleput.

Sir,

Enclosure one. Your No 2389 dated 1st August, I have the honor to resubmit the revised Estimate for traverses and other protective works to the Reserve Powder Magazine at Saint James Mount with the following explanation as to the increase of Rupees 950.
1st I found some discrepancies in the old Estimate which have been removed and corrected in the revised Estimate.

2nd The cause of an increased quantity of Brick work in Churam is owing to drains constructed in breadthways through the traverses to drain the ground enclosed which was not provided for in the original Estimate.

3rd The arch work was erroneously included in the original

Estimate as brick work in Chumaw
which has been corrected in the
revised Estimate.

4th An extra drain (8x8x3 $\frac{1}{2}$) on
the East side of the Reserve Powder
Magazine is indispensable which
was omitted in the Original Estimate.
The extra cost of same which
is charged in this item is owing to
the nature of the ground which
is very rocky.

5th The increased rate for
Metalling is owing to the present
rate of Caterise allowed for road
works being 6 $\frac{3}{4}$ ¢ per cart-

6th The excess in the packing shed
is due to brick work and pointing
as the old Estimate did not
take into consideration the 4th
wall. The existing packing
shed has only 3 walls. The
compound wall forming the 4th.

7th The saving in the outer
pore is owing to the diminished
scantling in the Oak wood.

I have the honor to be

Sir

(Enclosure) Yours (Wash) Resdient Command
Signed A. C. Smith Captain, E. E.
Chief Clerk Executive Engineer
Supr Camp of the Chinese Post

As

Forwarded to the Chief of
Genl. Secretariat D.P.W. with
reference to his Memo No -
of 14th January 1875.

Supr Engineer Office
Chungking

15 January 1875.

Christiana
1875
Supr Engineer Office

... ..

... ..

... ..
... ..
... ..
5-2-75

make as brick work
which has been done

163/10

Military

New work

Detailed Estimate No 100 of 1873-74

District Chugchut-Caul' St. Shol Mount

Work Constructing Traverses and
other protective works to Reserve Powder
Magazine at the Mount

Particulars	No	Measurements			Contents
		L	B	D	
Earth work					139072
Traverses—	1	434 ³ / ₅ 404	20—	16—	129280—
Product for earth obtained from excavation for 120 ft. deep					25078
					4788
Brick work in Chumam					113994
Foundation					4222
Compound wall front	1	285.6	2—	5—	2855—
Side & rear sides	2	190.6	2—	3—	2286—
Side walls to gateways	2	33.6	7—	4—	1876—
Channel	36	33.6	2—	3—	2035— ¹ / ₂
Superstructure					
Compound wall in front	1	285—	1—6	12—	5130—
Side & rear and sides	2	190—	1—6	12—	6840—
Do. Pillasters	132	2—	0—	3—12—	792—
Side wall to gateways	2	28—	5—6	5—	1540—
Side wall to Channel	72	33—	0—	9—6	891—
Covering to do—	36	33—	0—2—	0—4 ¹ / ₂	891—
					25136 ¹ / ₈
					23994 ¹ / ₈
					931—
					888 ¹ / ₂
Arch work					
Arch—	1	17—	20—	1—9	595—
					22—

Counting into Chumam
 Compound wall in front
 & rear and sides
 & Pillasters
 Side wall to gateways
 Arch

1	285-6	24	6852-
2	190-6	24	9144
132	0-6	12	792
2	39-	5-0	390-0
1	17-	23-6	399-6
		8 feet	175-77
		Squares	175 3/4

Broken Bottles in Chumam

Old Compound wall
 Excavation to foundation
 Compound wall front
 & rear and sides
 Side wall to gateways
 & Channel

1	665-	3-	1995
		4 feet	20-
1	286-	3-0	1716
2	191-	3-0	3861
2	42-	8-6	3738
36	33-6	2-30	2856
		9	2035-12

Cutting the drain side of the
 Compound wall
 & East side large drain

1	520-	5-0	1-6	3900-
1	180-	8-0	3-6	5040-
		3 feet		21130-1/2
				17023-
				782-1/2
				630-1/2

Gravelly 3" thick

2	117-	20-	4680-
1	292-	40-	11680-

Metalling

Laterite & gravel
 Round the ground form

1	35 1/2	8 feet	10360-	
		Squares	163 1/2	
1	425-	21-0	3	2231-3
1	107-	12-0	3	321-0
		Calc feet		2552-3
				94 1/2

Earth work
 Levelling ground

1	425-	24-	1-6	15300-
				566-12
				27

Maunds
 21 1/2 Maunds 1873

J. Armitage Secy
 Overseer of work

Military

Two work

Detailed Estimate N^o of 1873/74.
District Chingleput Cantonment at St. Thomas Mount.
Work - Constructing Inner Porch to Reserve Powder Magazine
at Saint Thomas Mount.

Particulars of work. Measurement
No. L B D Contents

Brick in chudam					
Foundation	Long walls	2	60-6	2-6	3- 907-6
	Cross - do	2	14-6	2-6	3- 217-6
	Buttresses	12	3- 3- 3- 3-		324-
Superstructure	Long walls	2	60- 2- 12-		2880-
	Cross - do	2	15- 2- 12-		720-
	Buttresses	12	2- 1-6 11-6		414-
	Gables	2	15- 2- 2-6		150-
	Total C. feet				5613-
Deduct	Archways	2	15- 2- 5-		300-
	do	2	15- 7-5 2-		352-
	Arches	2	25- 2- 1-6		150-
	Total Deductions				802-
	Remaining cubic feet				4811-
	Total C. yards				178
Arch work	Arches	2	25- 2- 1-6		150-
	Total C. yards				5 3/4
Painting	Inner long wall	2	60- 12-		1440-
	Cross - do	2	15- 12-		360-
	Gables	2	15- 2-6		75-
	Sides & soffits of arches	2	22-6 2-		490-
	Outer long wall	2	60- 11-6		1380-
	Carried over				3345-

Chingleput District.

1/3842/74

Detail Estimate for
Constructing of staircase
to the Reserve Powder
Magazine at Saint
Thomas Mount.
Estimate of Rs 9900.

2

Brought forward 3345-
 Crop wall 2 20- . 11-6 460-
 Gables 2 20- . 2-6 100-
 Sides of Buttrifus 12 1-6 . 11-6 207-
 Total square feet 4112-

Product

Archway 2x2 15- . 5- 300-
 — 2x2 15'x70 54 . 352-

Total square feet 652-

Remaining square feet 3460-

Squares 34 1/2

Cornice work

Total Running feet 158

Roofing

With teak rafters flat and
 pan tiles & Chunam borders 1 62- . 24-6 1519-

Total squares 15 1/2

Gravelling 3" thick

For the floor 1 60- 15- . 900-

Total squares 9

Teak wood

Couple pieces 96 10-6 . 22-4 70-

Collar do 48 14- . 2-3 28-

do do 48 8- . 2-3 16-

Total C. feet 114-

Earth work

Foundation Long walls 2 60-6 2-9 3- 998-8

Cross do 2 14-6 2-9 3- 239-3

Buttrifus 12 3- . 2-3 3- 243-

Total C. feet 1480-6

Cubic yards 55

Christoph Gitt

Detail Estimate for
Constructing Outer
Porch to the Reserve
Powder Magazine at
Saint Thomas Mount

Estimate No 1526--

Militarische

few more

Detailed Estimate to 11/1873/74
 District-Engineers Cantonment Saint Thomas Mount
 Work Constructing Tunnel to Reserve
 Powder Magazine at Saint Thomas
 Mount.

Particulars	No	Measurements			Contents
		L	B	H	
Brick in Churn					
Foundation Side wall	2	25	2	2	250
Wing do	4	2-6	1-9	2-6	43-9
Retaining wall	2	5-6	1-6	1-6	24-9
Superstructure Side do	2	14-6	1-6	1-	73-6
Parapet do	4	2-6	1-6	3-7/2	54-4 1/2
Spandrel	2	22-	1-	-	22-
Parapet do	2	10-	1-5	2-6	62-6
Side	1	24-6	2-6	-	45-11 1/4
do	2	2-	4-6	-	13-6
					590-3 3/4
					21 23/27
Arch mark					
Arch	1	24-6	6-3	1-1 1/2	172-3
					6 1/3
Plastering 2. Ceat					
Side and Arch	1	24-	-	9-6	228-
Wing wall	2	11-6	-	3-7/2	83-4 1/2
Side	2	2-	-	4-6	18-
Parapet wall	2	22-	-	3-3	163-
					472-4 1/2
					4 3/4

Carton

Side wall	2	25	2	2-6	250	
Wing wall	4	2	6	1-9	2-6	137
Retaining wall	2	5	6	1-6	247	
Floor	1	24	6	2	367	
Do	2	2	4	6	18	6
Building cost						368.7
Building yards						13 ¹⁷ / ₂₇

Gravels
21st Nov 1873

J. Armitage Secy R.R.
Oversee of M

13

Bartholomew

43810 1/4
Chingloput

Detail Estimate for
 Constructing Tunnel
 to Reserve Powder
 Magazine at Saint
 Thomas Mount.

Estimate No 133

Military



Detail Estimate No of 1873/74.

District Chingloput Cantonment No. 10th Mount.

Work - Constructing Sentry Shed to Reserve Powder Magazine
 at Saint Thomas Mount.

New work.

Particulars	No	Measurements			Contents
		L	B	D	
Brick in Chuanam					
Foundation Long wall	1	25-6	2--	3--	153--
do	1	9--	2--	3--	54--
Cross wall	2	7-6	2--	3--	90--
Superstructure Long wall	1	25--	1-6	10-7	403-1/2
do	4	9--	1-6	10-7	145-1/2
Cross wall	2	8--	1-6	10-7	268--
Binding wall	1	49--	1--	1-3	61-5
Total C. feet					1164-6
Deduct.					
Arch ways	4	5-10	1-6	6--	210--
do	2	6-6	1-6	6--	117--
do	4	5 5/8 x 4 x 7 5/8	1-6		55-6
do	2	8 1/2 x 4 x 7 5/8	1-6		30--
Arches	4	10--	1-6	1-6	90--
do	2	11-6	1-6	1-6	51-9
Total Deductions					554-3
Remaining C. feet or					610-3
Cubic Yards					22 1/2
					20 5/7
Arch work					
Arches	2	11-6	1-6	1-6	51-9
do	4	10--	1-6	1-6	90--
Total C. feet					141-9
Cubic Yards					5 2/7

Terracing with Brick on edge levelling
 coarse, 3" thick concrete, 3 coarse tiles 1 22- . 8- 22 3/4
 3 coats chunam complete 176-

Total squares 22 3/4

Total Running feet of Cornice work 60

do Moulding work 45

Flooring with 8" sq. Bricks

Floor 1 22- . 8- 176-

Archways 6 6- . 1-6 54-

Total sq. feet 230-

Squares 2 3/4

Pointing

Inner wall 1 46- . 10- 460-

Sides & soffits of arches 6 19- . 1-6 171-

Outer wall 1 54-6 . 10- 545-

Binding wall 1 53-6 . 1- 53-6

Total sq. feet 1229-6

Deduct

Archways 6x2 6- . 6- 182-

do 6x2 6x4x70 54 120-

Total Deductions 552-

Remaining sq. feet 677-

Squares 6 3/4

Plastering 2 coats Binding wall 1 50- . 2-6 125-

Broken bottles in chunam coping 1 49- . 3- 147-

Wood ciling one coat to Joists 15 8- . 1-3 150-

Wood work Joists 15 9-6 . 2 1/2 - 54 17-37 1/2

2 22-6 . 2 20-3-9

Fire pipes 3" diameter 2 12-6 . 25-

Earth work

Foundation to Walls 1 49-5 2-3 3- 297

Total C. yards 330-9

11

Chinghai Dist.

Detail Estimate for
Constructing Cent.
Sheds to the Reserve
Powder Magazine at
Saint Thomas Mount.

Estimate No. 512

Military Detailed Estimate No. 1873/74
District Chinghai Dist. Cantonment Saint Thomas Mount
Work Constructing Packing Shed to Reserve
Powder Magazine at Saint Thomas Mount

Particulars	Measurement			Contents
	L	B	D	
Brick in Plenum				
Foundation to long wall	2 39	2	3	468
Cross wall	2 18	6 2	3	186
Superstructure Long wall	2 38	6 1	8 1/2	1126 - 1/2
Cross wall	2 18	1	6 10	1212 - 9
Pillars	12 1	6	3 9	468 - "
Binding wall	1 109	6 1	6 1	534
Total cubic feet				205 - 3/8
Reduction				204 - 4/11
Archway	8 8	1	6 5	480
Do	8 8	5 1/2	2 5/4	216
Arch	8 12	1	6 1	216
Total cubic feet				912
Remaining cubic feet				1581 - 10 5/8
Cubic yards				1703 - 7/2
Arch work				68 - 58 5/9
Arches	8 12	1	6 1	216
Cubic yards				8
Remaining Brick on edge				647 - 6
Rolling coarse 3 inch concrete	1 37	6 1/2	6	568
Coarse tiles 3 inch concrete (sufficient)				
Squares				5 7/8 6 1/2

Painting

Inner wall	1	103	9	9	104-3
Sides & soffits for Arches	8	20	1	6	240
Outer wall	1	115	9	6	1092-6
Pillasters	12	1	9		54
Binding wall	1	115	6	1	115
					<u>1605-9</u>

Deduction

Arch way	8x28	5	640
D ²	8x28x6/2x7854		298

Square feet 928

Remaining square feet 677 9

Plastering 2 coats

Binding wall	1	103	6	2	6	257-6
--------------	---	-----	---	---	---	-------

Cornice work Running feet 115

Moulding 114

Flaming with 8" Soft Bricks

Lo floor	1	35	6	16	568
----------	---	----	---	----	-----

Arch ways	8	8	1	6	96
-----------	---	---	---	---	----

Square feet 664

Sumas 6 5/8

Zinc pipes 3" Diameter	4	12			48
------------------------	---	----	--	--	----

Each iron work

Toists	2	17	6	3	9	98-9
--------	---	----	---	---	---	------

Curlic feet 82 9

Wood siding 1 coat

Toists	23	16	1	9	644
--------	----	----	---	---	-----

Carte work

Foundation	1	109	2	33	554
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Curlic feet 762-6

87 1/2

2/3842/74

Chingait Dist

Detail Estimate
for constructing
Packing shed to the
Reserve Powder
Magazine at Fort
Thomas Mount.

Estimate No 595

New World

Military

Estimate No 180 of 1873-74
District Engineer's Office Fort St. George
Work Constructing Towers and other
Protective works to Reserve Powder Magazine
at the Mount

Quantity	Description	Rate	Amount	Total
4222 ~~4788~~	Yards of Earth work to Towers	80	2111 ~~2394~~	0
888 2/3 931	o - Brick work in Churnam	3 1/20	3332 8 ~~3491 4~~	0
22	o Semi circular arch work	7 "	154	0
1753 1/4	Squares pointing with Churnam	3 "	527 4	0
20	o - Broken bottles in o	4 80	90	"
631 82 1/2	Yards of Circumference foundations in block soil	0 60	236 10 ~~293 7~~	0
11 20 63 1/2	1/2 of Travelling 3" thick	0 120	117 3 4 ~~122 10~~	0
14 1/2	Yards of the tallies with laterite and gravel	1 120	165 6	0
16 1/2	o - Earth work for levelling ground	0 16	53 1 9	0
	Carriage forward		6787 1 1 ~~7291 4~~	9

Brought forward	7291	09		
Repairing Cutting Fee	6787	11		
Channel and Repairing Old Tunnel	40			
1 Removing and Refining the Gate	20	"		
Contingencies	346	14	11	
	~~505~~	~~5~~	~~5~~	
Total Rupees	7194	00		
	7720	"		
Removing and reconstructing a Packing shed as per accompanying Estimate & S & S Packing shed &	595	"		
	~~585~~	00		
	512	"		
Constructing Tunnel & Outer Porch	495	00		
	~~133~~	00		
	~~1469~~	"		
	1528	"		
Grand Total Rupees			9960	
			<u>10393</u>	

Maun
21 November
1873

L. Armitage Esq M.B.

Oversee & M.

Edmond Colwell P.E.
Supg. Engr for Buidge

W. Harrington
Executive Engineer
H. L. H. Co.
Dist. Engr. Charge

Chingleput District

Enclosure in a Letter
No. 170 dated 5 Feb^y/74

P.G. 37th March/74
In No. 162
P.W. 696/74
2

Abstract Estimate for
Constructing Transverse &
other Protective Works
to the Reserve Powder
Magazine at Saint
Thomas' Mount
Estimate No. 9960

Specification Report
This Estimate provides for Constructing
Fences to Reserve Powder
Magazine at Mount -

The present Compound wall
will be covered on all sides
with ratto work, well watered
and rammed except one side
which is protected by the hill.

The Compound wall is to be
at a distance of 40 feet from
the Fences in front and on
the sides 20 feet. Constructed
with brick in Chumam to be
coped with broken bottles
and pointed with Chumam.

A metalled walk of
Latirito Lelly and gravel of

of 3" thick and other work
as detailed in the Estimate



Received
21st Nov 1873

J. Armitage Esq

Overseer of Works

W. Burroughs

Executive Engineer

Chingleput District.

Enclosure in a Letter
No 190 dated 5 Feb 74.

P.L. 77th March
In N. 162.

P.W. 696/74

Specification Report to
accompany Estimate for
Constructing Traverse &
other Protective Works
to the Reserve Powder
Magazine at Saint
Thomas' Mount.

Estimate Rs 9960.

11/5

Memorandum
Requests to return the plan & estimates of the
Traverse from the Reserve Powder Magazine at St.
Thomas' Mount mentioned in J. O. No 599 dated
7th March 1874.

Dist. Engrs. Office
Chingleput
J. M. S. Nayyar

Daniel J. Head Clerk.
Dist. Engrs. Office Chingleput.

To

The Registrar
of the Secretariat D.O. No.
J. M. S. Nayyar

Theresa Arnold (a. 10 years) from Maryland
No. 2581 at the District

Enc 2 Forwarded to the Chief Clerk &
Blount Registrar to the Secy to Genl. P. Ford with
reference to his memo of 2^d Oct 74.

Leah's Eng. Office

Amherst

Jan 26 Oct 74

579 E. W. D. S. 11/10/74

Proceedings of the Madras Government
Under date the February 1874.
Read the following.

From the Inspecting Engineer
for Buildings.

(Forwarded No 1908/5 Feb 4
1874)

Which Col. M's letter circulated. The Estimate of
H. & C. C. The work is a
very costly one & unnecessary. It is
independent of H. & C. may with
the concurrence of the project - a round three sides of the
Main a further sum
12/2 M

I consider this work
to be absolutely essential
to the safety of the station
and should be proceeded
with without delay.

M
17/2.

Reserve Magazine at the
Mount and for subsidiary
Buildings connected with
that work, is sanctioned;
and the amount will be
available from the Reserve
under Military after the
1st April together with

The sum required to complete
the Guard Room, and un-
derstood to be Rupees 4000-

The District Engineer will
report the exact amount with-
out delay - It is observed

with dissatisfaction that
he is mainly responsible
for the great delay that has

occurred in supplying reliable ^{estimates}
for a work of considerable
urgency, which were re-

quired of him so far back
as May 1872 -

l.m.w.

And also state the reason

17-2-74

162-163.

St. Hugh's (single part) ✓
St. Hugh's 1874 ✓
Super. Genl of Ord: St. Hugh's ✓
Militry Dept ✓
Catholics for a while all ✓
St. Hugh's with St. 10/3/74

Q. 13.2.74 Q. 14.2.74
P. 10.2.74

C 20 696 ☆

Govt. of 1874 Madras.

PUBLIC WORKS.

1. The District Engineer
Chingleput

Dated

Recd.

Ex. 11

a. o. 7 March 599.

Ex. 162 & 163

Traverse round the
Reserve Magazine at
St. Thomas' Mount

Estimate of Rs. 9960 for
a Traverse round three
sides of the Reserve Magazine
at St. Thomas' Mount in
the Chingleput District,
Sanctioned, and the
reason for the great delay
has occurred in the sub-
stantial Estimation