

(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.	1464	(W)	Press
B.P. No.			Mis.
Dated	13-6-		1876.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
13th June 1876.*

No. 207. Read the following letter from Major P. MONTGOMERIE, R.E., Officiating District Engineer, Presidency, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Fort St. George, 23rd May 1876, No. 879 :—

2 Plans.
2 Estimates.
1 Specification.
1 Comparative Statement.
1 Copy of Order.

I HAVE the honor to submit, for formal sanction of Government, revised plans and estimates for works as per margin.*

* Coach-house and Stable for Matron Superintendent, General Hospital ... 985
* Coach-house and Stable for Resident Surgeon, General Hospital ... 1,045

2. The original estimates for these works were sanctioned, and funds allotted by Government for execution in their orders marginally noted.†

† G.O., No. 523, dated 24th Feb. 1875.
" " 15, " 2nd Sep. "
" " 93, " 16th Oct. "
" " 3,378, " 26th Nov. "

3. During the progress of the works the Senior Medical Officer, General Hospital, brought to notice what appeared

to him to be the insufficient accommodation provided for in the sanctioned plans and estimates, and Major Thompson in his order, No. 4,486, dated 28th January 1876, to the Northern Range Officer (copy enclosed), authorized certain alterations in the constructive details which were absolutely necessary to be carried out in anticipation of sanction to prevent loss to Government by the entire stoppage of the works, and the work was accordingly completed in last official year at the estimated cost.

4. The Senior Medical Officer has countersigned the revised documents, but the Surgeon-General, Indian Medical Department, refused to do so on the grounds that the alterations were carried out at the wish of the Senior Medical Officer.

5. These revised documents would have been forwarded to the Surgeon-General for his approval and submitted to Government before the completion of the works had the time of the Executive Officers and subordinates not been fully taken up in the execution and completion of several important works in last official year on emergency on account of His Royal Highness the Prince of Wales' visit, for which also plans and estimates had to be subsequently prepared.

6. Under the above circumstances, I trust that Government will be pleased to accord their formal sanction to the revised documents now submitted.

7. Under paragraph 90, Section II of Manual of Public Works Accounts no specific appropriation of funds for the excess expenditure is necessary.

No. 208. ORDER THEREON, 13th June 1876, No. 1,464.

CIVIL WORKS, No. 31.

(a) Head of Service.—Provincial.
Fund.—Ordinary.
Class.—Original Works.
Main-head.—Civil Buildings.
Sub-head.—H. Medical Department.
Section.—1, Hospitals and Infirmeries.
Name of Work—No. 67 W.—Coach-house and Stable for Matron Superintendent, General Hospital ... Rs. 985
No. 68 W.—Coach-house and Stable for Resident Surgeon, General Hospital ... " 1,025.
To be carried out by the Public Works Department.

UNDER the explanation submitted in the above letter, the revised estimates of Rupees 985 and Rupees 1,025, for constructing coach-houses and stables for the Matron Superintendent and for Resident Surgeon of the General Hospital, are sanctioned.

2. It is observed that the works were completed last year.

*Proceedings of the Madras Government, Public Works Department,
13th June 1876.*

3. The above sanction has been registered as Provincial Nos. 67 and 68 W. of 1876-77.

(True Extract.)

(Signed) G. W. WALKER, Major-General, R.E.,
Secretary to Government.

Comparative statement showing the difference between the original and revised estimate for a coach house and stables for the Resident Surgeon General Hospital.

Description of Works	Quantity	Rate	Original Estimate		Quantity	Rate	Revised Estimate		Difference between Original & Revised		Remarks
			Amount	Estimate			Amount	Estimate	Amount	Difference	
Brick work in Chumam	2288 cft	2 5	325 9 4	"	2305 cft	2 11	322 4 9	"	32 5 5	"	
Circular arch work in Chumam	27 cft	3 7	6 5 3	"	"	"	"	"	"	"	
Cornice work in Chumam all round	71	3 4	14 12 8	"	100 cft	3 6	21 14 5	"	11 11	"	
Covering the roof with palmyrah Combes of 2 collar pieces	3 1/2 cft	27 10	96 11	"	3 1/8	28 8	87 4 65	"	9 66	"	
teak reapers flat and pannels and Chumam borders	2 1/2 cft	25	62 8	"	4 1/8	24 9 6	101 7 25	"	38 15 2	"	The stables were found to be small so the design had to be altered.
Covering the roof of the stables with palmyrah reapers	17 cft	2 5	39 5	"	20 cft	2 6	47 8	"	8 3	"	
teak reapers flat and pannels and Chumam borders	3 cft	3 9	10 11	"	1 1/2 cft	3 10	4 8 65	"	6 26	"	
Plastering the walls with 2 coats of Chumam	3 cft	3 8	10 8	"	4 1/4 cft	3 8	14 14 6	"	4 6	"	
Plastering the cornice with 2 coats of Chumam	40 cft	"	5	"	"	"	"	"	"	5	
Flooring with laterite stone jelly and gravel 5 inches thick	"	"	5	"	"	"	4 13 5	"	"	3	
Cost of forming ramp with brick on edge with a welling	11-4-6	2 14	32 11 3	"	37-11-	3	113 12 5	"	31 9	"	
course underneath it	64 cft	1 4	80	"	72 cft	1 4	90	"	10	"	5 79
Excavating foundation filling and levelling the ground	2 1/4 cft	2 7	5 7 9	"	"	"	"	"	"	"	
Teak wrought and put up	"	"	"	"	1 1/8 cft	4 12	7 11 65	"	7 11 65	"	
Pair of strong battens door with frames & fitting complete	"	"	"	"	3 1/8 cft	4 10	2 2 5	"	2 2 5	"	
Lead color paint 3 coats to the door	"	"	"	"	2 cft	2 1	4 2 5	"	4 2	"	
Carsons green paint 3 coats	"	"	"	"	4	1 8	6	"	6	"	
do - white - do	"	"	"	"	"	"	1 8 5	"	1 8	"	
Gravelling 3 inches in thickness in front of the stables	"	"	"	"	"	"	4 8 5	"	4 8	"	
and coach house	"	"	"	"	37 1/8	1 8	37 5 1	"	37 5 1	"	
Block with rings fixed in them for fastening horses	"	"	"	"	6	8	3	"	3	"	
Removal and repairing a window 3' x 4 1/4' including all	"	"	"	"	4	8	2	"	2	"	
charges	"	"	"	"	"	"	4 11 65	"	4 11 65	"	
Door frame taken to pieces and length increased one	"	"	"	"	"	"	"	"	"	"	
foot and two brackets or cleats put up at lower angles	"	"	"	"	"	"	"	"	"	"	
Brick work in mortar built and removed not	"	"	"	"	"	"	"	"	"	"	
including the cost of the bricks	"	"	"	"	"	"	"	"	"	"	
Pegs for subdividing the harness	"	"	"	"	"	"	"	"	"	"	
Screws for fastening the plank to the wall	"	"	"	"	"	"	"	"	"	"	
Timber and other charges	"	"	"	"	"	"	"	"	"	"	
	750	"	"	"	1425	"	"	"	675	"	

By Order of the Resident Surgeon dated 24th February 1876

J. Miller Superintendent

24th March 1876

Compt. Ct.
24-3-76

[Signature]
District Engineer

J. Miller Superintendent
In charge of Northern Range

Specification Report to accompany a plan
and estimate for a Coach House and Stables
for the Matron of the General Hospital

25-3-76

Amount of Estimate Rs 285.

The foundations, Basement and
superstructure are to be of Brick in mortar; the
Basement and superstructure to be plastered with
two coats of Chunan.

The Roof is to be made of Palmrah
Rafters with reapers flat tiles, plain tiles Chunan borders.

The door of the Coach House is to be
teak painted green. The Pressumers are to be teak
painted white.

The flooring of the Coach House
and the Stable are to be made of a levelling course
of old Bricks with latents laid over them.

A Road 9 feet wide is to be made
from the road to the Stables.

Dimensions etc. will be found in
detail in the plan and estimate.

A. Miller Supervisor & Mr
Incharge of Northern Range

For Mr. G. J. J.
24 March 1876

M. L. L.

District Engineer

Major R. E.

Comptroller
24-3-76

Resident

Detailed Estimate No. 480 of 175/25-3-76 76

Revised Estimate for constructing a Coach House and
 Stable of one Stall for the Matron of the General
 Hospital Side District Engineer 4486 of 25 Jan'y 1876

Detail of Work.	Number	MEASUREMENT IN FEET.			Area or Con- tents.	Total quantity of each Descrip- tion of Work.
		L.	B.	D.		
Particulars						
Excavating Foundation						
Earthwork						
Wall all round	1	75	2	3	675	
Side wall of coach house	1	12 1/2	3	3	112 1/2	
Total cubic feet					787 1/2	
Total b. yard						29 1/8
Brick in Mortar						
Foundation						
Wall all round	1	75	2 3/4	3	618 3/4	
Side wall of coach house	1	12 1/2	2 3/4	3	105 3/8	
Basement						
Wall all round	1	67	2	1 1/2	167 1/2	
Side wall of Coach house	1	12 1/2	2	1 1/2	33 3/4	
Superstructure						
Wall of Coach house all round	1	54	1 1/2	10 1/2	830 1/2	
Gable of stable	2	11 1/2	1 1/2	2	69	
Side wall of stable	1	17	1 1/2	9 1/2	242 1/2	
Back wall of stable	1	10 1/2	1 1/2	12 1/2	196 1/2	
Total b. feet					2167 1/8	
Deduction						
Lowway of coach house	1	8	9	1 1/2	108	
Butt eyes	3	2	1 1/2	1	9	
Total deduction					117	
Total b. feet of brick in mortar remaining						2152 15/16

Approved: Oliver

80235

Continued.

Detail of Work.	Number	MEASUREMENT IN FEET.			Area or Contents.	Total quantity of each Description of Work.
		L.	B.	D.		
Plastering with two coats of Chumam.						
Inside of coach house all round	1	48	10 3/4		516	
Outside all round of Coach house	1	58 1/2	10		585	
Gables inside	2	10	1 3/4		33 3/4	
Gables outside	2	13	2 1/8		56 3/8	
Sidewall of stables outside and inside	4	17 1/4	9 3/4		23 1/2	
Back of stables outside	1	10 1/2	11 3/4		123 3/4	
Back of stable inside	1	9	12		108	
Total sq. feet					108	
Deductions					15 1/2	
Bulls eyes	3	2	1		6	
Doorway of coach house	1	8	9		72	
Total Remaining sq. of plastering					78	
Plastering the cornice	1	115	1 1/2		172 1/2	
Total sq. of Brick Cornice all round					172 1/2	
Stables & Coach house	1	115			13 1/4	
Roofing					115	
Coach house	1	18	17		306	
Stables	1	20	11		220	
Total					526	
Total sq. of roofing					5 1/4	

Continued.

Detail of Work.	Number	MEASUREMENT IN FEET.			Area or Contents.	Total quantity of each Description of Work.
		L.	B.	D.		
Teak						
Brissummers	1	10 1/2	2	1/2	3 1/2	
"	1	10 1/4	5 1/2	7/12	15 10 3/4	
Lintle	1	11	2	1 3/8	12 1/2	
Wall plates of coach house	2	15 1/2	1/8	1/2	2 7/8	
" Stables	1	10	1/8	1/2	2 1/2	
Cross pieces for Bulls eyes	6	2 1/2	1/8	1/2	2 1/2	
Teak planks for fixing the benches	2	8	1/2	1/4	2 1/4	
Teak blocks for fastening the planks	4	1	3/4	3/4	2 3/4	
Total					26 2 9/4	
Total b. feet of teak					26 2 9/4	
1 Door for coach house 8x9						
1 Block and ring for stable						
Three coats of Carsons green paint for door	2	8 1/2	9 1/2		161 1/2	
" " Lintle	1	2	8		16	
Total sq. of green paint					177 1/2	
Three coats of Carsons white paint for brissummers	2	9	13 1/4		31 1/2	
Flooring						
Coach house	1	14	10		140	
Stables	1	9	15 1/2		139 1/2	
Total					279 1/2	
Total sq. of flooring					2 3/4	
Road to stables	1	220	9		2880	
" in front of stables and Coach house	1	23 1/2	12		282	
Total					3162	
Carried Over					803 1/2	

25-3-76

BUDGET HEAD.
*Revised - Estimate for constructing a coach house and stable
 of one stall for the Matron of the General Hospital
 Work. Side District Engineer 4486 of 25 January 1896*

[illegible]

Contents.	Particulars.	Rate.			Per	Amount.			Total.		
		Rs.	A.	P.		Rs.	A.	P.	Rs.	A.	P.
	Brought Over					905	10	5			
						10	7	3			
72	ft Strong leave battens door 8x9 in halves with gudgeons fixed in frames and long hinges	1	4	0	ft.	90					
2	Teak blocks with rings in them to fasten the harness	1	8	0	Ch	3					
1	Door frames taken out of the wall and taken to pieces and length increased by one foot and two cleats put at the lower angle										
296	ft Brick work in mortar built and removed not including the cost of bricks				ft.	31	12	0			
6	lbs Pegs for suspending the harness				Ch	3					
4	lbs Screws for fastening the plank to the wall				Ch	2					
	Smolvis										
Total Rupees						985					

Spot at George
24 March 1876

M. C. Sumell

Thos

W. M. J. Superior
Inch and 1/2 of the same

W. M. J. Major
District Engineer
Presidency

13-4-76

Compd C. T.

24-3-76

25 Jan 1870.

No. 4486.

Memorandum.

15

The Northern Range Officer is requested to revise the plans and estimates for the Stables and coach houses to be constructed at the General Hospital for the Lady Matron and the Resident Surgeon. The original plans and estimates provide stalls only 7 feet wide, and coach-house doors only 7'6" in height - these dimensions being insufficient for accommodating ordinary sized horses and office gharries. No provision has moreover been made in the original designs for protecting the horses from sun and rain.

In the revised plans and estimates the Range Officer will be good enough to provide stalls 9 feet in width, and coach-house doors 8'4" in height, and will slightly raise the roofs of the stables to admit of there being carried down so that the eaves shall be flush with the faces of the coach house entrances, and leave a clear height of 6 feet 6 inches between the floor and the presummer for horses to go in and out.

The District Engineer finds that the two works in question have already been commenced and some progress made in their construction, upon the original plan - work will now be stopped on the original and carried

9/11/83
P. 8429/46

From Mr. Molue
11 238.

Dated 29th March 1870
Recd 25th

4486 of 1870-71

Estimate for constructing
a coach house and
stable of one stall for
the Matron of the General
Hospital.

Amounting to Rs 985

J.H.C.

Enc 2.

carried out on the revised plan.

Ld. Prof Thompson. Capt. R.E.
District Engineer Presidency

P. 4. 3729/76

(True copy)

Thompson Major R.E.
Offg. District Engineer Presidency

Recd.

PRESIDENCY DISTRICT ENGINEER'S OFFICE,
Fort Saint George,

23rd May 1876.

No. 879

From

THE DISTRICT ENGINEER,
PRESIDENCY,

To

THE Chief Engineer, and
Secretary to Government M.D.

Encls. 7.
2. Plans.
2. Estimates.
1. Specifications
1. Compt. Statement.
1. Copy of order -
Coach house and
stable foundation
Supt. Genl. Hosp. -
Rs 985.
do for Resident
Surgeon Genl. Hosp.
Rs 1045.

G.O. No. 523 dated
24 Feb. 75.
15 dated
23 Sept 75.
93 dated
16 Oct. 75.
3378 dated
26 Nov. 75.

Sir,
I have the honor to submit for formal sanction of Government, revised plans and estimates for works as per margin.*

2. The original estimates for these works were sanctioned and funds allotted by Government for execution in their Orders marginally noted.*

3. During the progress of the works the Senior Medical Officer, General Hospital, brought to notice what appeared to him to be the insufficient accommodation provided for in the sanctioned plans and estimates, and Major Thompson in his Order No. 4486 dated 28 January 1876, to the Northern Range Officer (copy enclosed) authorised certain alterations in the constructive details which were absolutely necessary to be carried out, in anticipation

anticipation of sanction - to prevent loss to Government by the entire stoppage of the works; and the work was accordingly completed in last official year at the estimated cost.

4. The Senior Medical Officer has countersigned the revised documents, but the Surgeon General, J. M. D., refused to do so on the grounds that the alterations were carried out at the wish of the Senior Medical Officer.

5. These revised documents would have been forwarded to the Surgeon General for his approval and submitted to Government before the completion of the works had the time of the Executive Officers and Subordinate not been fully taken up in the execution and completion of several important works in last official year on emergency on account of H.R.H. the Prince of Wales' visit for which also plans and estimates had to be subsequently prepared.

6. Under the above circumstances I trust that Government will be pleased to record

their formal sanction to the revised documents now submitted.

7. Under para 90, Section II, of Manual of P.W. Accounts no specific appropriation of funds for the excess expenditure is necessary.

I have the honor to be
Sir,

Your most obedient servant

Chakrabarti Major R.E.
Offg. District Engineer
Presidency

Recd.
J. M. D.

16: Film / 15 No 523.
 16: Oct / 15 No 93
 22: Sept .. 15
 26: Nov .. 3378.

P. H. 1878 Department
 3729

One 1/2 No 879
 Submit for formal
 sanction of Govt. Review for
 plans and estimates for
 constructing each house
 and stable for 100 patients
 for Govt. treatment of the
 General Hospital.

Dated 23rd May 1876
 Recd 24th May 1876

The Chief Engineer

The District Engineer

Thru,

(a) Heads of Service— Provincial
 Fund. ordinary
 Class. Original Works
 Main-head. Civil Buildings
 Sub-head. H. Medical Department
 Section— I Hospitals & Infirmaryes—
 Name of Work Coach house & stable for station
 No 67 M. Capt. Genl. Hospital— Rs 985-
 No 68 M. Resident Surgeon do— 1025-

Amount.

To be carried out by the P. W. Department.

Print in the margin of G.O. No 1464 of 13 June 1876

No 207

Cpi. 7.6.76. P.W. 13.6.76
 Dep. Secy 5-6-76. P.W. 7/6

Under date the 13 June 76
Read the following:—

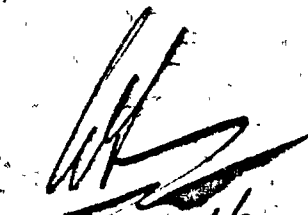
From
The District Engineer
Presidency } (N.E. No. 849 of 23 May 1876)

Under the explanation submitted in the above letter, the revised estimates of Rs 985 and Rs 1025 for construction of Coach Houses and Stables for the Quattron Superintendent and for Resident Surgeon of the General Hospital are sanctioned.

2. It is observed that the works were completed

completed last year.

3. The above sanction
has been registered as
Provincial No. 107
of 1876-77.


5.6.76.

No 207-208

102 Presidency with Cote
L. A. P. H. C. V.
Arch. Dept.

214. Supp. to 5-6-76. 1-6-76
weir 6-6-76

weir 2-6-76

pleted last year.

3729

Govt. of 1876: Madras.
PUBLIC WORKS.

To

The N. E. Presidency

Value

Land

Rate

Each

G. O. 13th June 1876. No. 1464.

Recd. 20th Dec. 1876
26-6-77
208

Coach Houses & Stables
for the Matron Supdt
& for Resident Surgeon
of the General Hosp.
Madras. - Sanctioning
with remarks, estimates
amounting to Rs. 2010 for
constructing

4/6/77