

(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. 2142	Press Mis.
Dated 16. 7	1867.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
16th July 1867.

No. 410. Read the following letter from the Superintending Engineer, 5th Division, to the Secretary to Government, Department Public Works, dated Bangalore, 6th July 1867, No. 66 :—

1. With reference to G. O. No. 1,030, dated 3rd April 1867, I have the honour to submit, for the sanction of Government, the following estimates, amounting in the aggregate to Rupees 6,570, for certain improvements and repairs required to the public buildings and lines at Hurryhur in Mysore :—

Removing dilapidated Cemetery wall, and erecting a new one at the same site	RS. 1,520
Constructing two road tunnels in Sepoys' lines at Hurryhur	240
Removing an old 3-arch bridge, and constructing a new one near the Hospital at the same site	910
Putting in thorough repair the Barracks or "Place of Arms" at Hurryhur	1,152
Do. do. Quarter Master's Store, and improving the Staff Serjeant's quarters at ditto	570
Repairing the Hospital and out-offices at do.	1,390
Putting in thorough repair the building used as Camp Equipage Store at do.	165
Do. do. Solitary Cells do.	30
Do. do. three wells near Hospital and near Drummers' lines	437
Repairing two bridges of three arches, one at the Sepoys' lines and the other near Cutwall's Choultry, and a bridge in front of the Hospital	156

Total... 6,570

2. The estimates have been approved of by His Excellency the Commander-in-Chief.

3. I request Government will be pleased to allow these works to be proceeded with, leaving funds to be provided later in the year from the Budget allotment.

No. 411. ORDER THEREON, 16th July 1867, No. 2,142.

MILITARY WORKS, No. 32.

* Rupees 3,900.

† Rupees 2,670.

1. In pursuance of the Order of the 3rd April 1867, the Superintending Engineer of the 5th Division submits estimates amounting in the aggregate to Rupees 6,570 for necessary repairs* and improvements† to the Military buildings at Hurryhur.

2. The Governor in Council sanctions the estimates, and directs that the works be proceeded with, leaving the outlay to be adjusted hereafter by a specific allotment of funds.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 5th Division, with ten Specifications.

" Accountant General.
" Controller of Public Works Accounts.
" Military Department.

Exd. S. T. Augustin.

Superintending Engineer

Military

Fifth Division D.P.W.

Chennai 3

Bangalore

Abstract of an Estimate No of 1117 68

Work: Putting in thorough repairs the Solitary Cells in Hareghur
Cantonment. Value of building Rs. 985.

Quantities	Description of work	Rate	Per	Amount	Total
17	Squares of whitewashing (2 Cells)	6	sq. ft.	6	1.
1	Small door to be fixed for the purpose of placing and removing earthen receptacle	6	each	6	..
	Sundries			2	Rs.
	Total			15	..
	Total amount of Estimate Rs. for 2 Cells				30 ..

Hareghur 6th June 1867

(Signed) O. H. Cowley Super

(Signed) John Pennington Lt. Col.
Engr. Bangalore

(Signed) R. Doria Colonel

Ed. Paul Lieut. Col. Lt. Col. Hareghur.
Superintending Engineer
superintending engineer

Fifth Division D.P.W.

Bangalore

P N 2555/87

Abstract of an Estimate for
putting in thorough repair the
Solitary Cells in Hurrehur
Cantonment.

Amount of Estimate Rs.

Rs. 536

Military

Fifth Division D.P.W.

Repairs

Bangalore

Abstract of an estimate No. of 1867.68

Work:- Putting in thorough repair the building used as
"Camp Equipage Store" at Hurrehur. Value of building Rs. 725

Quantities	Description of Work	Rate	Per	Amount	Total
12	Squares of plastering (2 coats)	3 8	Sq.	42	
8	do—of removing & replacing with $\frac{1}{2}$ new & $\frac{1}{2}$ old flat & pan tiles & new Chunar borders	9 8	do	76	
26	do—of white & color washing	6	do	10	
3 $\frac{3}{4}$	C. ft. of Teak wood	4 8	ft.	17	
1	Window (Battened) & frames with Sundries	12	each	12	
				8	
	Total amount of Estimate	Rs.			165

Hurrehur 6th June 1867

Signed/ O. H. Cowley Super

(Signed) John Perryman St. M.
Engr. Bangalore

(Signed) R. Dorai Col

Ed. Dorr. South Col. Lt. Commg. Hurrehur
Superintending Engineer

4th Div
Fifth Division D.P.W.
Bangalore

PH 2555/67

Abstract of an estimate for
 putting in thorough repairs the
 building used as Camp Engineer
 Store at Hurrehwar.

Amount of Estimate Rs. 165.
 No 536

Military Fifth Division D.P.W. New Work 7
Bangalore
Abstract of an Estimate No. of 1867-68.
Work. Constructing 2 Road Tunnels in the Sepoy's lines
at Hurrehwar.

Quantities	Description of work	Rate	Per	Amount	Total.
334 3/4	6" ft. of brick in chunam	"	3. 6. Cft.	73.	" "
101 1/4	do. of arch work	"	5. " do.	32.	" "
2 1/2	Squares of plastering (2 coats)	3. 8. Sqr.		9.	" "
	Sundries			6.	" "
	Total			120.	" "
	Total amount of estimate for 2 tunnels				240. " "

Hurrehwar 6th June 1867
 Signed C. A. Lawley Supt.
 Signed John Henry Eric Lt. Col.
 Executive Engineer.
 Signed A. Doria Lt. Col.
 Commandy. Hurrehwar.
 Gd. Dir. Lt. Col. Lt. Col.
 Superintg. Engineer, S. D. P.

5th Division D.P.W.
Bangalore

N^o 2555/67

Abstract of an Estimate for
Constructing 2 Road Cunnels
in the Sepoy's lines at Hurrehur.

Amount of Estimate Rs. 240

Rs 240

Civil building 5th Division D.P.W. New Work 9
Bangalore.

Abstract of an estimate No. of 1867.68
Work: Removing the present dilapidated Wall of Cemetery &
Constructing a new one at Hurrehur.

Quantities	Description of Work	Rate	Per	Amount	Total
5695 1/2	Cub.ft of brick masonry work	3 6	1/2	1246	
5695 1/2	—do—of removing old masonry	2	do	59	
45	Squares of plastering (1 coat)	3 8	1/2	157 8	
				1462 8	
	Sundries			57 8	
	Total amount of estimate Rs.				1520

Hurrehur 6th June 1867

Signed / O. H. Cowley Super.

Signed / John Penney Esq. M.A.

Es. Engr Bangalore

Signed / A. Doria Colonel.

Wm Smith Esq. M.A. Commg. Hurrehur.
Superintending Engineer

7th Division D.P.W.
Bengalore

W 255/6

Abstract of an estimate for
removing the present delapidated
wall of Cemetery & constructing
a new one at Murryhar.

Amount of Estimate Rs. 1520.
Vj No 536

Military 5th Division S.P.W. 5th Divn.
Bengalore

Abstract of an Estimate No. of 1867/68.
Work, Removing an old arch bridge and constructing
a new one near the Hospital Murryhar.

Quantities	Description Work	Rate	Per	Amount	Total
2925	Cft of Brick in Chumam	"	3.6 Cft	640	..
1455	sq of Arch work	"	5" sq	142	..
14	Sq of Plastering (2 coats)	3	5" sq	49	..
3350	Cft of removing old masonry	"	2 Cft	35	..
	Sundries			144	..
	Total amount of Estimate				910

Murryhar & June 1867
By C. R. Crook Esq.

By J. Penney Esq. R.E.
C. Engineer

By R. Loria Colonel
Camp Murryhar

E. C. Mord Esq. R.E.
Superintending Engineer 5th Divn.

Fifth Division S.P.W.
Bangalore

N. 2555/187

Abstract of Estimate for
Removing an old 3 arch bridge
and constructing a new one
near the Hospital, Hurrehur.

Amount of Estimate Rs. 910.
Rs. 531

Military

Fifth Division S.P.W.

Repairs

Bangalore.

Abstract of an Estimate No. of 1867.68
Work. Putting in thorough Repair the Barracks/Place of Arms
at Hurrehur. Value of building Rs. 9062.

Quantity	Description of Work	Rate	Per	Amount	Total
15	Squares of plastering 1/2 coat	3 8	Sqrs	52 8	
76	do of pointing granite flooring	1 8	do	114	
82	do of removing and replacing with 1/2 new and 1/2 old flat and pan tiles and new chimney borders	9 8	do	779	
157	do of white and color washing (each)	6	do	58 14	
2	Windows pannelled and glazed with frames	17	each	34	
11 3/4	Cub. ft. of teak wood wrought & put up	5	Cft	59	
				1047 6	
	Sundries			54 10	
	Total amount of Estimate Rs.				1152

Hurrehur 6th June 1867
Signed/ O. H. Cowley Super

Signed/ John Pennington Lt. Col.
Engr. Bangalore

Signed/ R. Dorai Colonel
Commr. Hurrehur.

Edmond Sumrell Lt.
Superintending Engineer

Amount

Amount Estimate No. 1152

18.10.03

Abstract of an Estimate for
putting in thorough repair
the Barnard's Store of Guns
at Hurrehwar.

21.11.20.53.54/1887

Fifth Division D.P.W.
Bangalore

Military

Fifth Division D.P.W.

Bangalore

Repair 15

Abstract of an Estimate No. of 1887.68

Work: Putting in thorough Repair the Quartermaster's Store at Hurrehwar.
Value of building Rs. 4765.

Quantities	Description of work	Rate	Per	Amount	Total
7	Squares of plastering (2 coats) —	3 8	Sqrs	24 8	
36	do — of replacing with $\frac{1}{2}$ new and $\frac{1}{2}$ old flat and pan tiles & new chunam borders —	9 8	do	342	
23	do — of pointing granite floor —	1 8	do	35	
67 $\frac{3}{4}$	do — of white and Color washing (2 coats) —	6	do	25	
<u>Out house</u>					
2 $\frac{1}{2}$	Squares of removing tiles & replacing with $\frac{1}{2}$ new and $\frac{1}{2}$ old & new chunam borders —	9 8	do	24	
15	do — of white and Color washing (2 coats) —	6	do	6	456 8
<u>Making alterations to improve the accomo-</u> <u>dation of the Staff Sergeant</u>					
299 $\frac{1}{4}$	Cub. ft. of brick in Clay —	3 8	Sqrs	18	
5 $\frac{1}{4}$	Squares of plastering (2 coats) —	5	Cft	9	
28 $\frac{1}{8}$	Cub. ft. of arch work in chunam —	3	do	2	85
144	do — of cutting out old masonry —				28 8
	Sandies —				
Total Amount of Estimate Proper —					570

Hurrehwar 6th June 1887.

(Signed) O. H. Cowley Super

(Signed) John Pennycook Lt Col
Ex. Engr. Bangalore

(Signed) R. Dorai Colonel.
Comdg. Hurrehwar.

Ed. Ford Lt Col Lt Col
Superintending Engineer

Amount of Estimate Rs. 520.
18. 6. 57.

Abstract of an Estimate for
putting in thorough repairs
the Quartermaster's Store
at Hurrehur.

Rs 520 5/6

5th Division D. P. W.
Bangalore

Military

5th Division D. P. W.

Bangalore.

Repairs 17

Abstract of an estimate No. of 1867.68
Work: Putting in thorough repair the 2 Wells near Hospital and the
large square Well near the Drummers' Lines at Hurrehur.

Quantities	Description of Work	Rate	Per	Amount	Total
<u>Wells near Hospital</u>					
161	Cub. ft of brick work in chumam	36	Cft	35	..
16	Squares of plastering (2 coats)	38	Sqrs	56	..
4	Drums with Iron spindles & provided and fixed for drawing water	4	each	16	..
	Sundries			5	..
	Total			112	..
	Total for two				224
<u>Large Square Well near Drummers' Lines</u>					
498 1/2	Cub. ft of brick in chumam	36	Cft	109	..
13 1/2	Squares of plastering (2 coats)	38	Sqrs	46	..
8	Cub. ft of Teak wood struts for frame	45	Cft	36	..
4	Wheels for drawing water with spindle & complete	3	each	12	..
				203	..
	Sundries			10	..
	Total			213	..
	Total Amount of Estimate Rs.				437

Hurrehur 6th June 1867

Signed/ O. H. Cowley Supr.

Signed/ John Pungewick Lt. Col.
Ex. Engr. Bangalore

Signed/ A. Doria Colonel.
Comdg. Hurrehur.

E. A. Doria Lt. Col. R.E.
Superintending Engineer

Military

11th Division D.P.W.

Repairs

Bangalore

Abstract of an Estimate No. of 1867-68

Work: Repairing 2 Bridges of 3 arches, one at the Sepoy's Lines and the other near Cutwall's Choultry and a Bridge in front of Hospital at Hurreyhuir

Quantity	Description of Work	Rate	Per	Amount	Total
<u>Bridge of 3 arches at the Sepoy's Lines.</u>					
110 1/2	Cub. ft. of brick in chumam	36	Cft.	24	
8 1/4	Squares of plastering (2 coats)	38	Sqrs.	29	
	Sundries			5	58
<u>Bridge of 3 arches near Cutwall's Choultry.</u>					
105 3/8	Cub. ft. of brick work in chumam	36	Cft.	23	
9 1/4	Squares of plastering (2 coats)	38	Sqrs.	32	
	Sundries			5	60
<u>A. Bridge in front of Hospital.</u>					
58 1/2	Cub. ft. of brick in chumam	36	Cft.	12	
6	Squares of plastering (2 coats)	38	Sqrs.	21	
	Sundries			5	38
Total amount of Estimate Rupees					156

Hurreyhuir 6th June 1867
(Signed) P. H. Cowley Supr

(Signed) John Pennington Lt. R.E.
Engr. Bangalore
(Signed) R. Doria Colonel
Comdg. Hurreyhuir.

Ed. Doria Lt. Col. R.E.
Superintending Engineer

Bangalore

1867-68

Abstract of an estimate for
pulling in thorough repairs
the 2 Wells near Hospital site
large square Well near the
Dummes' line at Hurreyhuir

Amount of Estimate Rs. 43
1867-68

Abstract of an estimate for
 repairing 2 buildings of 3 each,
 one at the 18th Regt's lines and
 the other near Colwell's choultry
 and a bridge in front of
 Hospital at Bangalore.
 Amount of Estimate Rs. 156.
 18 No 536

77/25555/67

14th Division D. P. W.
 Bangalore

Civil building.

14th Division D. P. W.

Repairs.

Bangalore.

Abstract of an Estimate No. of 1867.68

Work:- Putting in thorough Repair the Hospital and Out houses at Harryhur

Value of building Rs 9405.

Quantities	Description of Work	Rate	Per	Amount	Total
<u>Main Building.</u>					
11 1/2	Squares of plastering (2 coats)	3 8	Sqrs	40	
52 1/2	do of pointing	1 8	do	79	
78	do of removing tiles and replacing with 1/2 new and 1/2 old and new chunam borders	9 8	do	761	
118 1/2	do of white & Color washing (2 coats)	6	do	64	
<u>Kitchen.</u>					
2 1/2	Squares of removing tiles & replacing with 1/2 new & 1/2 old and new chunam borders	9 8	do	24	
15	do of white and Color washing	6	do	6	
<u>Latrine.</u>					
18	Cub. feet of stones for troughs	2 8	Cft	45	
90	do of brick in chunam	3 6	do	20	
3	Frames and doors complete	8	each	24	
2 1/2	Squares of removing tiles & replacing with 1/2 new and 1/2 old & new chunam borders	9 8	Sqrs	24	
15	do of white and Color washing	6	do	6	
<u>Boundary wall.</u>					
69	Squares of plastering (2 coats)	3 8	do	241	
78	do of white and Color washing (2 coats)	6	do	29	
Add for the repair of junctions providing fastenings &c and other sundries				1323	
Total amount of Estimate Rupees				67	1390

Harryhur 6th June 1867
 Signed / O. H. Cowley Supr

Signed / John Pennycook Lt. Col.
 Ex. Engr Bangalore

Signed / A. Donai Colonel
 Commg. Harryhur.

No 66.

Superintg Engr's Office 5th Divⁿ
Bangalore 6th July 1867.

From
The Superintending Engineer
5th Division.

To
The Secretary to Government
D. P. Works.

Sir,

With reference to G. O. No. 1030 dated
enclosures 20. 3rd April 1867, I have the honor to submit
10 Abstract Estimates for the sanction of Government the follow-
10 Specifications - ing Estimates amounting in the aggregate
to Rupees 6,570. for certain improvements
and repairs required to the public
buildings and Lines at Hennahus in
Mysore.

Removing dilapidated Cemetery wall and
erecting a new one at the same site Rs. 1520 ..
Constructing 2 Road tunnels in
Sepoy's Lines at Hennahus — 240 ..
Removing an old 3 arch bridge
and constructing a new one, near
the Hospital at the same site — 910 ..
Putting in thorough repairs the
Barracks or Place of Arms at Hennahus. 1152 ..
Do — Do Quarter Masters'
Store and improving the Staff
Serjeants' Quarters at ditto — 570 ..

Bangalore

17255594

Abstract of an estimate for
repairing the Hospital & out-houses
at Hennahus.

Amount of Estimate Rs. 1390.
No 536

Repairing the Hospital and out
Offices at ditto ————— 1390 —

Putting in thorough repair the
building used as Camp Equipage
Store at ditto ————— 165 " "

Do — Do Solitary Cells do — 30 — " "

Do — Do Three wells near
Hospital and near Drummers' lines — 437 " "

Repairing 2 bridges of 3 arches each
the Sepoy's lines and the other near
Cutwall's Choultry and a bridge in
front of the Hospital ————— 156 " "

Repairs 6,570 —

2. The Estimates have been approved of
by His Excellency the Commander-
-in-Chief.

3. I request Government will be
pleased to allow these works to be
proceeded with, leaving funds
to be provided later in the year
from the Budget allotment.

I have the honor to be

^{Sir,}
Your most obedt. servt.

Edwrd L. H. R.

Superintg. Engineer

5th Div

Public Works Department.

Public Works Department.

2142

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 16th July 1867

Read the following

From the Supy Engineer of the 5th Division

(Here enter No. 56 dated 6th July 1867)

In pursuance of the order of the 3rd April 1867, the Superintending Engineer of the 5th Division submits Estimates amounting in the aggregate to Rupees 6570 for necessary repairs and improvements to the Military buildings at Purihar.

The Governor in Council sanctions the Estimates, and directs that the works be proceeded with, leaving the outlay to be adjusted hereafter by a specific allotment of funds.

* (Rs) 3000
* (Rs) 2670

- 1. The P. Engr. 5th Div. *with two specifics*
- 2. Acct. Genl.
- 3. Controller
- 4. Military Dept.

Sept. 17/67

17th July 1867
From: 2142

The Superintending Engineer
5th Division.

Mr. Secretary to Govt.
A.S. 4.

Dated 6th July 1867
Deco. 9.3 July 1867.

No. 66.
Enclosures 20.

Forwarding for
sanction. Amount
amounting to Rupees
6570 for repairs &
improving the public
buildings at Purihar
in Mysore.

2142-167 July 1867

2142

2. 12. July 1867

114-9 014

P. W. 1867. Department.
Proc: of Govt: for July
No. 2142

PROCEEDINGS OF GOVERNMENT. *of the*

Dated *16th July 1867*

*Authorizing the
Comptroller to
£ 6,570 for repairs and
improvements to Military
Buildings at Warrington*

No. 110-111