

(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.	2975	Press
		~~Mis.~~
	278-280.	
Dated	15-10-	1864.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
15th October 1864.*

Read the following papers :—

No. 278. From Lieutenant-Colonel C. HILL, R. E., Acting Superintending Engineer, 5th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Public Works Department, dated Bangalore, 28th September 1864, No. 1,086.

SIR,

1. I have the honor to forward, for submission to Government, plans and estimates as per margin, for alterations and additions required to the present Light Cavalry Barracks at Bangalore, in order to adapt them for the head quarters Sappers and Miners.

6 Plans. (Sent by banghy.)
6 Estimates (abstracts).
6 Specifications.
1 List.

2. The plans as at present submitted have been approved by His Excellency the Commander-in-Chief, an extra block of *new* married quarters having been provided (by His Excellency's desire) in place of converting the present Hospital into quarters and building a new Hospital, which latter arrangement did not meet with His Excellency's approval.

3. In reply to a reference made by me as to the funds which will be forthcoming to carry out these improvements, the Quarter Master General informs me that if the whole of the required allotment cannot be made during the present official year the proposed alterations to the Workshops might be deferred, but as the estimate for this only amounts to Rupees 1,160 I have included it, and beg to solicit the sanction of Government to the whole sum required. If the estimate for the Workshops is struck out, the estimate would be reduced from Rupees 24,940 to Rupees 23,780.

- "Any project providing permanent accommodation for a larger force than is at present quartered at a station will require the sanction of the Government of India."

Referred to the Military Department by which Department it will be determined whether, under paragraph 13* of the Budget rules, the sanction of the Government of India should be obtained to the estimates submitted by the Superintending Engineer, 5th Division.

CHEPAUK,
30th September 1864.

(Signed) J. H. M. SHAW STEWART, Major, R. E.,
Deputy Secretary to Government, P. W. D.

No. 279. Proceedings of the Madras Government in the Military Department.

Forwarding papers relative to certain improvements and alterations to the Light Cavalry buildings at Bangalore, for the accommodation of the Sappers and Miners, and requesting that it may be decided whether the work in question, as coming under the designation of "alterations" and improvements and "repairs" can be commenced upon, pending submission of regular plan and estimates.

(Here enter 5th October 1864, No. 3,533.)

No. 280. ORDER THEREON, 15th October 1864, No. 2,975.

1. The Governor in Council sanctions the undermentioned estimates amounting to Rupees 24,940, for carrying out certain alterations, improvements, &c., to the old Light Cavalry buildings at Bangalore, in order to fit them for the accommodation of the head quarters of the Sappers and Miners, now under orders for that station :—

Constructing four blocks, each containing two married Non-Commissioned Officers quarters		rs.
Alterations and improvements of Light Cavalry Barracks		13,800
Constructing a plunge bath		6,600
Constructing a Privy for the use of the Non-Commissioned Officers		1,950
Constructing a Chupper verandah in front of a part of Sick Horse Stable for Light Cavalry Barracks		640
Constructing a Cook-room for the use of the Non-Commissioned Officers		1,160
		790

*Proceedings of the Madras Government, Public Works Department,
15th October 1864.*

2. The sanction of the Government of India will be requested to the provision of the requisite funds from the amount allotted in the Budget for a Barrack at Trichinopoly. In the meantime, Colonel Wilkieson will arrange for the works being vigorously proceeded with.

3. Ordered that the following letter be sent:—

(Here enter No. 2,976, dated 15th October 1864.)

(A true Extract.)

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

To the Superintending Engineer, 5th Division.
" Military Department.
" Accountant General.
" Controller of Public Works Accounts.

Exd. S. T. Augustin

PUBLIC WORKS DEPARTMENT,
Military.

FORT SAINT GEORGE,
15th October 1864.

No. 281.

No. 2,976.

From

COLONEL C. A. ORR, R. E.,

Secretary to the Government of Fort Saint George, P.W.D.,

To

The Secretary to the Government of India, Public Works Department.

SIR,

No. 1,606, dated 12th May 1864, Military Department.

No. 3,533, dated 5th October 1864.

No. 2,975, dated 15th October 1864, Public Works Department.

Barracks at Trichinopoly allotment Rs. 1,00,000.

I am directed to forward copies of the Proceedings of the Madras Government marginally noted, and to request the sanction of the Government of India to the further transfer of a sum of Rupees 24,940 from the Budget allotment marginally noted to the under mentioned works at Bangalore, which are urgently required for the accommodation of the head quarters of the Corps of Sappers and Miners now under orders for that station:—

Constructing four blocks, each containing two married Non-Commissioned Officers quarters	Rs. 13,800
Alterations and improvements of Light Cavalry Barracks	6,600
Constructing a plunge bath	1,950
Constructing a Privy for the use of the Non-Commissioned Officers	640
Constructing a Chupper verandah in front of a part of Sick Horse Stable for Light Cavalry Barracks	1,160
Constructing a Cook-room for the use of the Non-Commissioned Officers	790

2. As the works are urgently required, the Superintending Engineer, 5th Division, has been instructed to proceed with them, in anticipation of the sanction of the Supreme Government to the diversion of funds recommended in this letter.

3. I am also to request that sanction may be granted to the transfer to the Reserve, under "Military," of the balance, viz., Rupees 8,060, remaining unappropriated from the allotment for the Barracks at Trichinopoly:—

Allotment for Trichinopoly Barracks	Rs. 1,00,000
Transferred by this Government to Item No. 15 of Budget	10,000
Amount applied for to the Government of India in letter	
No. 1,584, dated 31st May 1864	32,295
Do. do. No. 1,979, dated 9th July 1864	24,705
Do. now applied for	24,940
	91,940

Balance unappropriated... 8,060

I have the honor to be,

Sir,

Your most obedient servant,

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

Exd. S. T. Augustin.

Abstract Estimate Rs of 1864/65

Contonment of Bangalore

Work constructing a Chuppee Mandah in front of part of Sick Stables of Light Cavalry Barracks at Bangalore to form workshop and walling in part of the same stables to form tool shed for the use of the Officers and Miners at Bangalore.

Quantity	Description of work	Rate	Amount	Total
250 1/2	lft. of Excavation	" " 1	2	
239	Foundation stone in Sand	" " 10	12	
32	Stone pillars	34	104	
661	lft. Brick in Mud	" 14	55	
8 1/2	Sq. of white plastering	24	22	
8	Sq. of Blue D.	24	21	
800	Sq. of jungle wood	28	835	
2	Fitting 3 doors and windows		6	
2	Sq. of Green paint	2	4	
17	D. Chuppee bundab	28	43	
Total Rupees				1104
Lundries Rs				56
Total Estimate Rupees				1160

Ast Engr. Office
Bangalore
14th Sept 1864

San Benymin Lunt R.C.
Ast Engineer Bangalore
Will Smith Esq
A. J. Smith Esq Eng 25 Dir

Abstract Estimate No 56 of 1864-65

Contment of Bangalore

Work Alterations and Improvements of Light Cavalry
Barracks for the Sappers and Miners at Bangalore

Quantities Description of Work Price Rate Amount Total

2795	Cost of Excavation	1 Pfg	15	
2795	do Foundation Stone in Sand	10 do	146	
529	do Pavement Stone in Churnam	2 do	66	
2760	do Brick work in Churnam	22 do	374	
453	do Flat arch work do	41 do	116	
10	Squares of Plastering and white washing inside	29 Pfg	26	
31	Sqrs of Plastering and blue washing outside	2 10 do	81	
38	Sqrs of Flooring with granite Stone bedded in Sand and painted in Churnam	8 do	304	

Carried Over

1128

2795 24 3/4

Name

James

&

no other names

5

Cost 17 1/2

Abstract Estimate for
Constructing a Light Cavalry
Barracks in front of
the old barracks at Bangalore
to form a sort of a
and as well as a sort of a
same as the old barracks
check for the use of the
barracks and miners at
Bangalore

Quantities	Description of work	Price	Rate	Amount	Total
------------	---------------------	-------	------	--------	-------

Brought Over

1128

6 Squares of Terrace & of
with brick on edge
brick gully & covered
of flat tiles and
plastered & coats of them
over the terrace and to
the ceilings

27

Rate 162

46 Lys of sloping Terrace for
Verandah & steps & back
pattern and plastering
coats of Chinam

9

Rate 414

589 Cubic feet of Teak wood

3

Rate 1767

16 Pairs of Teak wood half

Verandah half spanned

Load 1 1/2 x 7/8 inch

28

Rate 448

27 Pairs of Teak wood

Verandah windows complete

1/3 x 5/8

22

Rate 594

74 Pft of Cornice work

4

Rate 19

25 Squares of green paint

2

Rate 50

Brought Over

4582

Quantities

Description of work	Price	Rate	Amount	Total
---------------------	-------	------	--------	-------

Brought Over

4582

226 1/2

Pft of Ridge Ventilation

3

Rate 780

500

Arm racks including

1

Rate 500

fixing
of bar racks and magazine
Repairing the Roof where
required and shingle walking

400

6265

Sundries at 5 Percent

335

Total Estimated Repairs 6600

Asstt Engrs Office
Bangalore
17th September 1884

Sub Engineer and Lieut. R.E.

Asstt Engineer Bangalore

Price Const. Col. R.E.

Asstt Superintendent Engineer 5200

5th Division D.P.W.
Bangalore
 List of Abstract Estimates [with their accompaniments]
 for adapting the Old Cavalry buildings into a Barrack
 for the Sappers and Miners at Bangalore

No.	Nature of work	Amount	Total
47	Abstract Estimate for Constructing a Plunge bath	1950..	(3)
51	do do for Constructing a Privy for the use of the Non Commissioned Officers	640..	(4)
52	do do for Constructing a Cook room for the use of the Non Commis- sioned Officers	790..	(6)
53	do do for Constructing 4 Blocks, each containing 2 Married Non-Commis- sioned Officers Quarters	13800..	(1)
55	do do for Constructing a Chuppa verandah in front of a part of sick-horse stable of Light Cavalry Barracks	1160..	(5)
56	do do for Alteration and Improvements of Light Cavalry Barracks into Sappers and Miners Barracks	6600..	(2)

Total Amount of Estimates 24,940..
 Rupees Twenty-four thousand nine hundred and forty.

Sd/- Supt. Col. R.O.
 Agt. Insuper. Eng. 5th Div.

22/11/4 24 3/4
 Show. The next signum
 Bangalore
 do. The duty signum
 5th division
 doctd 17/9/4. do. D.P.W.
 Rupee.
 Abstract Estimate for
 alterations and improvements
 of Light Cavalry Barracks
 for the Sappers and
 Miners at Bangalore
 (Supra 1600..)

Abstract Estimate No 27 of 1864/65

Cantonment of Bangalore

Work constructing a Plunge Bath for the use
of the Soldiers and Miners at Bangalore

Quantity	Description of Work	Rate	Amount	Total
1742	Cft of Excavation	1	9	
1742	do Foundation Stone in Sand	10	91	
567	do Badement Stone in Chunam	2	71	
4812	do Brick work in Chunam	22	652	
65	do Flat arch work in do	41	17	
20	Squares of Plastering and white washing inside	2 9	51	
8	do of Fine Plastering to Cistern 2 Coats	3 8	28	
25	do of Plastering outside and blue washing 1 Coat	2 10	66	
11	do of Flooring with granite Stone bedded in sand and painted in Chunam	8	88	
15	do of Roofing with Ceaples and Veranda rafters & perpendiculars painted including wall plates &c	28	420	
Carried Over			1493	

24/04/65

Quantity Description of Work Rate Amount Total

	Draught Over		1493
70 1/2	Cft of Teak wood	3	212
2	Square of Green paint	2	4
156	Rft of Cornice Work	4	99
2	Pair of Teak wood & Balg Venetian and Half-pannelled door & Complete 4 x 8	36	72
4	Ventilator Complete 3 x 1 1/2	7	28
			1848

Surpluses and Contingencies to Meet 102

Total Estimate Proposed 1950

Wages on time
and on fifth

Attest: Office
B. Bangalore
14. Sept 1892

Sanjivani Local P.O.

Attest: Engineer Bangalore

By: [Signature]

By: [Signature] Supt. G.O. B.G.
Ag. Superint. Engineer S. Div.

Abstract Estimate No. 51 of 1864/65

Lanternment of Bangalore

To the. Constructing a Privy for the use of the Hon Comptroller
Officers of the Sappers and Miners at Bangalore.

Quantity	Description of work	Rate	Amount Estd.
57	ft. of Excavation for foundation	1	3
657	do Foundation stone in sand	10	64
199	do Basement stone in Chumam	2	25
1596	do Brickwork of Chumam	22	216
17	do Arch work in Chumam	4	4
45	Running feet of cornice	4	19
56	do Common cornice	2	7
2648	Square of Plastering with two coats of Chumam	2 8	66
12	Square of White washing with two coats	22	2
17	do Blue washing two coats	28	2
166	Square of Plastering with the Bangalore system	2	4
40	ft. of Oak wood wrought and put up	3	120
21	Rafter rails 8 inch	8	1
	Landed over		503

1864
- 1867

1864/65

From the
Bangalore

To the
Hon Comptroller

dated 14/9/64
26. 33. 74

Abstract Estimate
for Constructing Privy
To the for the use of Sappers
and Miners at Bangalore

1864/65

& quantity Description of work Rate Amount Total

	Brown shingles	503.
28	Rafter Nails 4 inch	1
276 100	Square of Roofing with granite stone and 3 Course of Flat Lick no Churn and plastering with 3. Coats and well rubbed but not polished	16 43
162	Excavation for Pump	1 1
162	do Foundation stone in sand	8
63	do Basement stone in Churn	2 8
225	do Brickwork Churn	22 30
380	Square of Blue plastering	2 11
108	do White do	2 3

Total Purses 608
 Sundries Purses 32
 Total Estimate Purses 640

Attest my office
 Bangalore
 17th September 1884
 [Signature]
 Assistant Engineer
 [Signature]
 S. S. Prasad Esq.

Abstract Estimate No 52 of 1864/65
 Courthouse of Bangalore

Work. Constructing a Cook Room for the use of the Hon Commissioners
 Officers of the Sappers and Miners at Bangalore

quantity	Description of work	Rate	Amount	Total
498	cft of Excavation for foundation	1	4	
498	do foundation stone in sand	10	42	
233	do Basement stone in Chunnam	20	29	
2248	do Brick in Chunnam	22	304	
73	do Arch work in Chunnam	11	19	
69	do Brick in Clay	16	6	
95	Running feet of Lattice work	4	24	
64	do do Common Lattice work	2	8	
239	Square of Paving with granite			
	Stone bedded in sand and pointed			
	in Chunnam	8	27	
4	stone lintels for air holes	1		
36	Granite stone for Ventilation	8	18	
12	do do under the fire place	2	2	
33	Square of Plastering one coat of lime	2 8	82	
133	do Plastering with clay	1	1	
204	do White washing two coats	22	3	
166	do Blue washing outside do	28	2	
38	cft of Oak wood wrought and put up	3	114	
	Carried over			685

93774243/4

From the work by
 Bangalore

to the
 5 divisions
 20.9.74

dated 19.4.1865
 from

The work estimate
 for constructing a wing
 for the use of the Hon Comd
 Officers of the Sappers and
 Miners at Bangalore

By the
 Bangalore

23

25

Abstract Estimate No 3 of 1864/65,
 Cantonment of Bangalore.
 3 Rocks, each containing
 Work for constructing 2 Married & 10 Commissioned Officers Quarters
 for the Sappers and Miners proposed to be built at Bangalore.

Quantity	Description of Work	Rate	Amount Total
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3444	Cfts of Excavation	1	18
------	--------------------	---	----

3444	D ^o of Foundation Stone in Sand	10	179
------	--	----	-----

1627	D ^o of Basement Stone in Chunan	2	206
------	--	---	-----

5899	D ^o of Brick in Chunan	22	799
------	-----------------------------------	----	-----

282	D ^o of Flat arch work in Chunan	41	72
-----	--	----	----

51	Squares of Plastering including washing	29	131
----	---	----	-----

40	D ^o of Blue Plastering including Blue washing	210	105
----	---	-----	-----

19	Squares of Flooring with granite Stone bedded in Sand and pointed with chunan	8	152
----	--	---	-----

3	Squares of Mud plastering for privies	1	3
---	---------------------------------------	---	---

1	D ^o of Flooring with Punjab dry System for privies	2	2
---	--	---	---

13	Squares of Roofing to the main building with Trusses, rafters, rusers flat and pan tiles to complete	35	455
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Carried Over	2122
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Referred to the Military
 Department by which Dept
 it will be determined whether
 under para¹³ of the
 Budget Rules, the
 sanction of the Govt
 of India should be
 obtained to the
 Estimates submitted by
 the Sup^g Engrs S^g B^g

1864 Dept
 Co. of Govt for Oct
 No 4243
 The Ag. Sup^g Engineer
 5th Division
 The Secretary to
 Government A.M.

Dated 28th September/64
 Recd. Of

No 1080
 Enclosures 19

Meas^{rs} Stewart & Co
 by Secy to Govt
 Choptank
 30 Sept/64

"Any project providing for
 permanent accommodation for
 a larger force than is at
 present quartered at a station
 will require the sanction of the
 Govt of India"

Submits for sanction
 of Government Plans and
 Estimates for adapting
 the Light Cavalry building
 into Barracks for the
 Cavalry and Men's amon^g
 to Rules 24, 240.

No 278
 2975-2976/5 in Oct 1864

My dear Mr
 I return the
 papers I spoke of to you about
 on Tuesday with a printed
 copy of P.O. in Mof. Dept on
 the previous letter on the same
 subject - I think now perhaps
 be the most satisfactory way
 to dispose of the subject as a
 whole & not in part -
 & by submitting the plans
 for approval I venture

to suggest, that the alterations
he first considered - then
the new Quarters for married
men &c - leaving the
plunge bath for entry in
the budget as it is not an
immediate affair -

With reference to the
Endorsement on the papers
I now return I ^{may} mention
that the clause in the
Bridge Rules does not
apply in this case as
the 14 Regtnd leaves
Bangalore in November

without relief so that
the Force is actually less in
strength by the addition of
the Sappers -

Yours sincerely
J. Munro

7th 1864.

MILITARY DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following papers :—

From the Acting Superintending Engineer, 5th Division, Salem, 27th August 1864, No. 826; to the Secretary to Government, Public Works Department.

Submitted for the favorable consideration of Government, with reference to G. O., No. 1451, May 18th, 1864, and

Enclosure 1.

1 Letter from the Assistant Engineer of Bangalore, No. 173, dated 17th August 1864, to be returned.

with the recommendation that authority may be granted for the immediate commencement of work, pending receipt of detailed Estimates (which have been called

for) for the several alterations considered necessary to fit the Light Cavalry Buildings at Bangalore for the accommodation of the Sappers and Miners.

2. It is observed that the Head Quarters of the Corps is already under orders for Bangalore, and although the move may not take place for the next two or three months, there is not more than sufficient time to make such of the alterations as are actually required for the immediate accommodation for the men; permission is therefore requested for the prosecution of the improvements, at an aggregate outlay of Rupees 35,000, Estimates for each particular work being submitted as soon as received in this Office.

3. The Acting Superintending Engineer has the honor to observe that, in order that these and other Plans and Estimates under preparation in the same Executive Office may be expedited, he has directed his Drawing and Estimate Establishments to accompany him to Bangalore, so that no unnecessary delay will occur in the early submission of the required Estimates, each of which will be checked and copied as soon as prepared in the Executive Office.

From the Executive Engineer, Bangalore, 17th August 1864, No. 173; to the Executive Officer in charge of 5th Division, Salem.

With reference to Orders of Government and other correspondence as per margin, I have the

Order of Government, Military Department.
No. 1606, of 12th May 1864.
Order of Government, Public Works Department.
No. 1451, of 18th May 1864
" " 1583, of 31st "
" " 2209, of 2nd August "
Superintending Engineer's, No. 200, of 28th May 1864.
" " 297, of 9th June "

honor to state, that I have been over the Light Cavalry Buildings at the Station with Lieutenant Colonel Hill, Royal Engineers, and that he has pointed out to me the alterations which he considers necessary, in order to fit the Buildings for the accommodation of the Sappers and Miners.

2. The alterations and the approximate cost of carrying them out will be as follows :—

1st. Putting the South range of the present place of Arms in order, to serve as a Native place of Arms for the Sappers and Miners, including Arm Racks for 500 men. No alteration will be required to the Building; only repairs.

2nd. Improving the Eastern range of the present place of Arms, so as to serve for a Barrack for the Europeans attached to the Corps. Considerable alteration will be required here, Verandahs must be built on both sides of the range, additional windows made, a ridge ventilator erected along the roof, and a terraced room built on to one side of the present Building for a Mess-Room.

3rd Improving part of the Western range of the present place of Arms, for use as a Survey School and Library. Much the same additions, in the way of verandahs and ventilation, will be required as for the European Barracks.

4th. Putting the remaining portion of the Western range in order, for use as a Commissariat Store Godown. Nothing will be required for this except repairs. The cost of the above four works I Estimate roughly at Rupees 2,000.

347

7th. Turning the present Hospital into Married Quarters for three families, by the erection of partition walls and other alterations, approximate Estimate Rupees 1,000.

8th. Erecting two new blocks of Married Quarters, each containing Quarters for two families, approximate Estimate Rupees 3,000 for each block, or for two blocks Rupees 6,000.

10th. Building Plunge-bath for Europeans, approximate Estimate Rupees 1,000.

11th. Building new Hospital for Europeans and Natives, on the same scale as the present one at Dowlaishweram, approximate Estimate Rupees 12,000.

12th. Turning a small Guard-room, now existing close to the site whereon it is proposed to build the new Hospital, into Quarters for an Apothecary, approximate Estimate Rupees 500.

13th. Turning the present sick Horse-Lines into Tool-sheds, Workshops, &c. No alteration required, except a pandal along the Western face of the open Sheds, to protect the men working in them from the morning sun, approximate Estimate Rupees 200.

14th. Pulling down one of the two Solitary Cells now existing, which stands on the site whereon it is proposed to build the new Hospital, and re-building it close to the other, which is in a more convenient portion, approximate Estimate Rupees 800.

3. The total cost of the whole alteration will then be as follows :—

Total... 34,700

4. You will observe that this sum is considerably larger than that* contemplated by Government in their Orders above quoted, but that sum was taken from a very rough Estimate made by Captain Goddard before any Plans of the Dowry were submitted for the advantage of any personal communication.

5. The chief causes of the excess of the present Estimate over that made by Captain Goddard are, first, the erection of the new Hospital, and second, the erection of the new Married men's and Surgeon's Quarters.

6. Captain Goddard proposed to turn part of the sick Horse Lines into Married Quarters, and an old Gram-godown into a Survey Instructor's Quarters, but Colonel Hill considers both these proposals decidedly objectionable; it would cost almost as much to make any part of the sick Horse-lines really fit for the purpose proposed as to build new Quarters, and their situation is not by any means convenient. My own opinion entirely coincides with Colonel Hill's.

7. Colonel Hill further considers the erection of the new Hospital as very desirable; the situation of the present one he considers inconvenient for a Hospital, though very convenient for Married

In reply to the reference from Government, dated 8th instant, on the Superintending Engineer 5th Division's letter, dated 17th ultimo, I have the honor, by order of His Excellency the Commander-in-Chief, to observe, that the suggested improvements to the Light Cavalry Buildings at Bangalore to adapt them to the Sappers, meet with his approval. The only exception is, His Excellency thinks, the proposal to build a new Hospital. The present structure is an excellent and modernised one, and if large enough for a Regiment of Cavalry, is large enough for four Companies of Sappers: additions for the small number of European sick may be required and might be made.

2. Since Colonel Hill's first proposition went into Government, those contained in the enclosed letter have been submitted to the Commander-in-Chief, and are approved.

ORDER, No. 3533, 5th October 1864.

ORDER, No. 3533, 5th October 1864.

The Governor in Council approves generally of the measures proposed in the foregoing papers, for the accommodation of the Sappers and Miners at Bangalore, and concurs in the view expressed by the Commander-in-Chief that there is no necessity for the erection of a new Hospital.

2. The papers will be forwarded to the Department of Public Works, in which Department it will be decided whether the work in question, as coming under the designation of "*Alterations and Improvements*," and "*Repairs*," can be commenced upon, pending submission of regular Plans and Estimates.

(True Extract.)

William H. Hall
Deputy Secretary to Government.

To the Public Works Dept., with an enclosure *20*
 „ Quarter Master General, with 5 enclosures.
 „ Commissary General, } for information.
 „ Adjutant General, }

Exd. R. Stephenson.

Quarters. It is not large enough, or well arranged for the reception of both Europeans and Natives, and if retained as a Hospital, will require a good deal of alteration, which will considerably reduce the saving. If this Hospital be retained, then two more blocks of Married Quarters must be built, one of which may be occupied by the Apothecary and the guard-room proposed to be turned into Quarters for him, appropriated to the use of the Survey Instructor, whose Quarters will thus be saved.

The saving then by this plan will be,

New Hospital...	Rs. 12,000
Survey Instructor's Quarters....	2,000
Removing* Solitary Cell...	800
	<u>14,800</u>

*The Solitary Cell may, however, be saved in any case, as Colonel Hill states that if there is any difficulty about money, he could do with one (there is only one at Dowlaishteram) though he would rather have two.

While the extra expense will be,	
Two more blocks of married Quarters...	Rs. 6,000
Improving old Hospital (about) ..	3,000
	<u>9,000</u>

or a clear saving of Rupees 5,809, reducing the total expenditure to Rupees 29,200.

8. But Colonel Hill desires me to state, that although this latter arrangement might do, if Government cannot grant the money for the former one, yet he considers the former decidedly the better in every way, an opinion in which I entirely concur.

9. Pencil Plans of all the alterations and new Buildings have been made and submitted by me to Colonel Hill, and the rough Estimates, as given above, will give Government a fair idea of the limit of the expenditure required. The Estimates are all decidedly over rather than under the mark, so that there is no fear of the detailed Estimates exceeding them.

10. Government, in one of their Orders on the subject, contemplated waiting for the regular submission of Plans and Estimates before granting permission for the commencement of the work, but I should be very glad if permission could be given me to go on with the work at once on the Plans as now prepared, the detailed Estimates, &c., being sent in as soon as possible. You are aware of the time necessarily taken up in the mere writing and copying of Estimates and Plans for a large work like this, and if to this is added the time required for an application to the Government of India, and the passage of the papers backwards and forwards through five or six Offices, the work will certainly not be begun in time to get the Buildings ready by the end of the year.

11. You will observe that we shall not be working in the dark, as Plans, quite sufficient for me to work by, have already been prepared, and the extreme limit of the expenditure is also known.

12. Colonel Hill is particularly anxious to have the work put in hand as soon as possible, and desires me to do all I can to obtain the necessary sanction.

13. I shall feel obliged by early instructions upon this point, and also as to which of the two Plans regarding the Hospital the Government wish to be adopted.

14. Considerable delay has occurred between the first orders for the preparation of Estimates and the present letter, but this delay has been quite unavoidable. The Plans of the Dowlaishteram Buildings were only received about a fortnight ago, and even when I received them, knowing that Colonel Hill was to be here soon afterwards, it was not worth a while to do any thing until his arrival, which only took place a few days ago.

Referred to the Military Department.

It will be necessary to decide, with reference to Public Works Proceedings dated 18th May 1864, No. 1451, whether the works referred to may be undertaken pending the preparation of the detailed Estimates, and in anticipation of the sanction of the Government of India to the necessary transfer of Funds.

(Signed) J. SHAW STEWART, Major,
Deputy Secretary to Government.

6th September 1864.

Referred for the observations of His Excellency the Commander-in-Chief, (Quarter Master General's Department.)

8th September 1864.

9th 1864 Dept
Pro. of Govt for Ctr
No. 4351

Pro. of Govt in the
Mil. Dept
Df 5th } Oct
Recd 10 }

Sl. No. 3533
Nos. 2475-4297615th Oct. 1864

Forwarding plan
relative to certain improve-
ments & alterations to the
Light Cavalry Buildings
at Bangalore, for the accommo-
dation of the 8th Miners,
and requesting that it may
be decided whether the work
in question, as coming under
the designation of 'alterations'

No. 279
"and improvements", and
"repairs", can be commenced
upon, pending submission
of regular Plan & Estimates

Public Works Dept

No. 2475
Proceedings of the Madras Government
Under date the 15th October 1864
Read the following

From the acting Engineer
5th Div

Submits for sanction of Govt
Plans and Estimates for adapting
the Light Cavalry buildings into
Barracks for the 8th Miners
amounting to Rs. 24,940-0-0

Pro. of Govt Mil. Dept
Forwarding papers relative to certain
improvements & alterations to the Light Cavalry
Buildings at Bangalore, for the accommodation
of the 8th Miners requesting that it may be
decided whether the work in question, as
coming under the designation of 'alterations'
& improvements and repairs can be commenced upon
pending submission of regular Plan & Estimates.

The Governor
in Council sanctions
the undermentioned es-
timate amounting to
Rupees 24,940-0-0 for
carrying out certain alter-
improvements &c to the
old Light Cavalry
Buildings at Bangalore
in order to fit them

TH

the

them for the accom-
modation of the Head
Quarters of the Sappers
and Miners, ~~which~~ now
under orders for that
station -

Constructing 4 Blocks, each containing 2 Married Non Commissioned Officers Quarters	13800
Alterations and improvements of Eight Cavalry Barracks into Sappers and Miners Barracks	6600
Constructing a Plunge bath	1950
Constructing a Privy for the use of the Non Commissioned Officers	640
Constructing a Shelter Verandah in front of a part of a Sick Horse Stable for Eight Cavalry Barracks	1160
Constructing a Cook room for the use of the Non Commissioned Officers	790.

The sanction
of the Government

of India will be re-
quested to the provision
of the requisite funds
from the amount allotted
in the Budget for a
Barrack at Ichinopoly.
In the mean time,
Colonel Witherson will
arrange for the works

being vigorously proceeded
with.
Supplies 5th Dec^r ✓
Mily Sept ✓
Cockfield ✓
Embitter ✓
Dec^r 17th October

Ordered that
the following letter
be sent
70

17
- 6
2976.

The Secretary to the
Govt of India P.W.D.

Sir.

I am directed to
forward copies of the
Pro: of the Madras

Government marginal
noted, and to request

the sanction of the

Govt of India to the
further

transfer of a sum of
Rs. 24,940 from the

Budget allotment -

marginal

1606 - 12th - May 1864
- 11th Sept

3533 - 5th Oct. 1864

do - do

Oct/64 - 20 Sept

M

Baracks at Trichinopoly -
allotment Rs. 100,000

marginally noted to the
undermentioned works at

Bangalore, which are in-
- gently required for the
accommodation of the
Head Quarters of the
Corps of Sappers and
Miners now under order
for that Station.

Constructing 4 Blocks, each containing 2 Barracks
Non Commissioned Officers Quarters 13,800
Alterations and improvements of Light Cavalry
Baracks into Sappers and Miners Barracks 6,600
Constructing a Plunge bath 1,950
Constructing a Privy for the use of the
Non Commissioned Officers 640
Constructing a Shopper Veranda in front
of a part of - Sick Horse Stable } 1,160
for Light Cavalry Barracks
Constructing a Book room for the
use of the Non Commissioned
Officers 790

As.

2. As the right
 the 'ingenuity' required,
 the 'Superintending Engineer
 5th Division' has been
 instructed to proceed with
 them, in anticipation
 of the sanction of the
 Supreme Govt to the
 diversion of funds
 recommended in this letter.

3. I am also to
 request that sanction may
 be granted to the transfer
 to the Reserve Engineer
 Military of the balance
 of Rs. 8060, remaining
 unappropriated

unappropriated from the
 allotment for the
 Barracks at Tichindpoly-

Allotment for Tichindpoly Barracks. Transferred by this Govt to Mem. No. 18 of Budget.	Rs. 1,00,000
Amount applied for to the Govt of India in letter No. 1582 of 31st May 1864	} Rs. 10,000
Do do No. 1979 of 9 July 1864	} 32,295
Do not applied for	} 21,705
	24,940
	91,940

Balance unappropriated 8060

Shipped
 15th Nov/64

W. B.
 Secy. 27th October. With Papers noted in
 the margin

9th 1864 Depart
Pres of Govt for Cetr

No 2975 & 2976

Pres of the M Govt
D/S Cetr/64

Estimates amounting
to Rs 24,940 for certain
alterations improvd.
inrent, &c and the old
Light Cavalry Quarters
at Bangalore, in order
to fit them for the accom-
modation of the P. 23rd
of the S. & M. sanctioned.

No 278 @ 280
287