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(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	2421	Press	<i>Original</i>
B.P. No.		Mrs.	
Dated	12. 9	195	
		1876	

Not to be folded or roughly handled

Read the following papers :—

No. 152. From Major H. M. VIBART, R.E., District Engineer, Bangalore, to Major-General G. W. WALKER, R.E., Chief Engineer, Public Works Department, dated Bangalore, 19th July 1876, No. 79.

I HAVE the honor to forward herewith, for sanction, a comparative statement, with the information required in Circular No. 58, dated 5th June 1875, for constructing a recreation-room, parade barracks, at this station, from which it will be seen that the original estimate has been exceeded by Rupees 5,000.

2. The reasons for the excess are given in the comparative statement.

3. The amount of the original estimate is Rupees 31,800, sanctioned by Government of India in their Order, No. 683, dated 10th March 1875.

4. The amount expended up to the end of previous year, or to the end of the last year, in which expenditure was incurred, was Rupees 33,458-11-10.

5. The allotment of the current year is Rupees 1,700*.

* G.O., No. 1,543, of 20th June 1876.

6. The expenditure of the current year up to the end of June is Rupees 1,717-6-4.

No. 152-A. From Major H. M. VIBART, R.E., District Engineer, Bangalore, to Colonel W. T. F. FAREWELL, Officiating Deputy Chief Engineer, Public Works Department, dated Bangalore, 9th August 1876, No. 103.

I HAVE the honor to resubmit the comparative statement, with plan, for constructing a new recreation-room, parade barracks, Bangalore, returned with your No. 698 T, dated 5th August 1876, and to explain that the quantities and amounts shown under the head "as actually executed" are the correct items as taken from the measurement of work *actually* done and the expenditure *actually* incurred. The rates shown are approximately calculated from these two items; it is not easy to give the exact rate so as to tally with the cost given in the amount column; for instance, under the head "Superstructure," the correct rate would be Annas 4 and Pies 0-06527. It was therefore shown as 4 Annas only, discarding the fraction of a pie and for all practical purposes approximately correct. I have however now given the exact rates calculated to three places of decimals of a pie.

2. This statement was ready for submission in April last, but delayed until my return from privilege leave. It would have been prepared earlier if the Supervisor who had been posted to this district in November had joined, but he did not arrive until April; hence the delay.

No. 153. ORDER THEREON, 12th September 1876, No. 2,421.

MILITARY WORKS, No. 3-A.

(a) *Head of Service.*—Imperial.
Fund.—Ordinary.
Class.—Original Works.
Main-head.—Military.
Sub-head.—Military Buildings—Accommodation for European Infantry.
Name of Work.—Recreation-room, Parade Barracks, Bangalore.
Amount.—Rupees 33,400.
To be carried out by the Public Works Department.

It is observed with displeasure that at the time that an estimate of Rs. 2,600 for substituting a stone for a boarded floor to this building was under submission to Government, it was perfectly well known to the District Engineer, Bangalore, that the sanctioned estimate of Rs. 31,800 for the recreation-room at Bangalore would be largely exceeded; yet no

mention of that fact was made in the correspondence about the change of floor.

*Proceedings of the Madras Government, Public Works Department,
12th September 1876. No. 2,421.*

Major Vibart has already in G.O., No. 3,355, of 23rd November 1875, been taken to task for delay in the submission of revised estimates, and in another, No. 628, of 9th March 1876, for not laying before Government in one view the full amount of the outlay likely to be incurred on any work in his charge regarding which he had proposals to submit. It is not sufficient to say that the statement now sent would have been prepared earlier had a certain subordinate joined earlier; nor is it satisfactory that a comparative statement avowedly ready in April should have been detained because Major Vibart was absent on privilege leave, without a hint to Government that it contemplated an excess of Rupees 5,000 on a work for which at that very time an additional sum of Rupees 2,660 was being asked for. Any repetition of a procedure so entirely opposed to the orders of Government will make it necessary for His Excellency in Council to mark his displeasure by removing Major Vibart from Bangalore.

2. The excess of Rupees 5,000 now brought to notice is accounted for generally by the style of work, stone in chunam, being somewhat new to most of the work-people employed who were presumed bricklayers and not masons, and the same reason may be given for the excess of Rupees 2,050 on the canteen carried on at the same time which was sanctioned in G.O., No. 2,132, of 16th August.

3. It is stated also that great competition for labor and materials was caused by the construction of the Mysore Rajah's Palace at Bangalore at the same time. These reasons do not however apply to the increased rate for terracing, which ought to have been well known when the original estimate was made.

4. It appears conclusively established that the substitution of stone in chunam for brick in chunam is not desirable in other buildings for the future.

5. The entire sum of which sanction is now accorded with the above remarks is Rupees 39,400, of which Rupees 33,460 having been spent up to 31st March and Rupees 1,700* already provided in this year, Rupees 4,240 remain to be allotted.

* G.O., No. 1,543, of 20th June 1876. Provision of which sum may be reckoned on from reductions of stock balances, and can be anticipated.

6. This sanction has been registered as Imperial No. 80 W of 1876-77.

(True Extract.)

Colonel,

Offg. Under Secy. to Govt., P.W.D.

To the District Engineer, Bangalore.
" Examiner of Public Works Accounts.
" Military Department.

Exd. A. Grubert.

Spare Copies

P.W. 5160/76

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1876
8000

GP 12 September 1876 No 2421

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P.W.D.

Comparative Statement showing the difference between the sanctioned Estimate and work as actually executed in constructing a New Recreation Room Parade Barracks Bangalore.

Sanctioned Estimate			As actually executed			Increase	Decrease	Remarks
Per	Quantity	Rate	Amount	Quantity	Rate			

Whitewashing two coats.	Brought forward	16131	.	.	.	19396	4567	1282	See remarks for greenwashing.
Greenwashing D.	225.34	3.	42	163.73	3.	31	1	11	
Painting with lime putty	.	.	.	52.17	8.	26	26		Ordered to be done to Main Room instead of whitewashing.
Columns 1 1/2 ft. dia. and 9 ft. high with plastering complete.	150.33	18.	225	262.41	1	8.	394	169	The excess in quantity is owing to painting having been substituted for plastering inner walls of verandah and Serje Quarter.
Teakwood wrought & put up.	1372	38.	4802	1372	3	934910	108		Materials changed from brick to stone.
Nails 8" long	331	.	8	224	.	9428	11	3	Excess on account of one of the Teak logs turning out bad and did not answer the purpose intended.
Stone plates under beams	34	.	8	17	30	145	27	10	Requires no remarks.
Terracing with brick on edge Jelly 3" thick 3 courses of flat tiles and 3 coats of plastering	83.09	288.	2368	83.09	32	12852722	354		D. D.
Bengal terrace 3 courses of flat tiles and plastering	6.72	20	134	6.72	20	.	134	.	Rate in Estimate much too low. The actual cost is that given.
Filling in Basement	22559	.	3	352	19804	.	152	200	
Carried over	.	.	.	24172	.	28142	5466	1496	Saving from the reduced depth in the Basement. and also in rate.

Comparative Statement showing the difference between the sanctioned Estimate and work as actually executed in constructing a New Recreation Room Parade Barracks Bangalore.

Sanctioned Estimate			As actually executed			Increase Decrease		Remarks
Quantity	Rate	Amount	Quantity	Rate	Amount			
Brought forward 24172			28142			5466	1496	
Stone flooring	Sq. 75.20 128.	940	50.70 14	96366 740	..	200	..	Savings the floor to main building is to be of wood instead of stone, for which an estimate has been sanctioned in G. O. No. 1432 dated 9 th June 1876.
Levelling course of concrete under stone floor	" 75.20 5.	376	50.70 5	42 267	..	109	..	D. D. D.
Pairs of doors half pannelled and half glazed with glazed faulight frames and iron fittings &c.	Pairs 10 566.	564	10 57	97 576	..	12	..	Slight increase over estimate rate.
Pairs of doors pannelled with glazed faulight frames and iron fittings &c.	" 7 542.	379	7 54	2 378	..	1	..	Small saving
Windows venetian shutters outside and glazed shutters inside with glazed faulight frames &c.	" 32 534.	1704	32 55	5 1770	..	66	..	Inefficient rate in Estimate.
Glazed ventilating sowing windows with frames &c.	No. 66 8	528	38 8	114 331	..	197	..	28 sowing windows dispensed with considered unnecessary by the District Engineer. See remarks for stones for ventilating sowing windows.
Wood oiling two coats	Sq. 103.63 2	207	101.07 2	202	..	5	..	Requires no remark.
Painting with two coats of chocolate color	" 37.96 5	190	39.10 5	195	..	5	..	D. D.
Carried over 29060			32601			5549	2008	

Comparative Statement showing the difference between the sanctioned Estimate and work as actually executed in constructing a New Recreation Room Parade Barracks Bangalore.

Per	Sanctioned Estimate			As actually executed			Increase Decrease	Remarks
	Quantity	Rate	Amount	Quantity	Rate	Amount		
Wrought iron spaxts 4' dr and 1/8" thick.	Brought forward 29060 Rf 807 . 12 . 605					32601 . . 5549 . . 2008 . . 605		Not required, as sufficient openings in the parapet walls have been made to throw off the water without the aid of these iron spaxts.
Sky lights complete.	4 135 . . 540			4 150 . . 600 . . 60 . .				
Marking board.	1 . . 5			1 5 . . 5 . .				Rate in Estimate not sufficient
Levelling the ground.			82			82 . .		
Sundries	30292			33288 . . 5609 . . 2613 . .				5 Per cent found to be quite inadequate to provide for Sd, Maistries, Watchmen, scaffolding &c &c
	308			3083 . . 1575 . .				
Add amounts deducted for Estimate sanctioned, incl. of No. 1432 dated 9th Jan 1876 for substituting iron for stone	36300			36371 . . 7184 . . 2613 . .				
				429 . . 7613 . .				
				2613 . .				
				5000 . .				
Deduct amount of Estimate already sanctioned	36800 . .			31800 . .				
Amount requiring sanction	5000 . .			5000 . .				

Dist Engrs Office
Bangalore
19th July 1876
sd Lile
sd September

Henry Vibart Major R.E.
District Engineer.

Central Office
1/8/76

This Statement was ready for submission in April last but delayed until the return of Major Vibart R.E. from privilege leave.

Rec'd 4-9-76 PMA 12-9-76
 civ. - 30-8-76 PMA 7-9-76
 Rec'd to Civ. 18-8-76

Fort St. George, *August 15* 187 *6*

OFFICE NOTE.

To C.

The D.B.N. Submits a Revised
Estimate of over 10 per
Cent of a work "The Recreation
which formed part of
a large Estimate submitted
by India - so it being
that India should
Sanction on our Members
also. See D.B.N.'s
letter - please refer
Revised - 12/1

W. H. McGowan
15-87.

I think headros can
Sanction under P.W. Code
XVI. 1. 58 - The para is
not very definite, but I
hold it means within 10
per cent of the original Est.
for the whole scheme and not
for the component parts of the scheme.

17.8

a new and correct
plan ~~conformation~~
be substituted
have mistakes in
Calculation in the
comparisons & the
which are correction
in price. further
in the, is expected
to report. certain amount

The New England
Herald reprints
as early as possible.
The Dr. Herald reports
his reasons for not
leaving England to
visit ~~him~~ the
probability of
the Government being
succeeded.
By order. W

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crim. - 30-8-76 Mtd 1-9-76
 Drops to Oct. 18-8-76.

Dep't to Oct 18-8-26.

Recreation Room.

Estimated 31800
22- 2600
Excess 10 5000
39400
Voted up to 31.3.76 Rs. 31800
allotted in 1876-77 1700 35160
Balance required 42400

May the figures in the last
para of draft G. O. 2421 be altered
as shown above as some mistake
appears to have been made in
that para.

Keep with
G.O. No. 2421 of
12-9-76

(a) Heads of Service—Imperial
Fund. Ordinary
Class. Original Works
Main-head. Military
Sub-head. Military Buildings—Accommodation for
Name of Work. European Infantry
Recreation room, Parade Barracks,
Bangalore

Amount. Rs. 39400

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

Print in the margin of G.O. No. 2421 of 12-9-76

No. 2421

Public Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

UNDER date the 12th Sept 76

Read the following:—

From
The District Engineer } (H.R. No. 79 of 19th July 1876)
Bangalore }
Do — Do — (" " 103rd of 9th Aug: ")

M.

It is observed with
displeasure that at the time
that an estimate of Rs. 2600
for substituting a stone
for a boarded floor to this
building was under sub-
mission to Government
it was perfectly well known
to the District Engineer
Bangalore that the same
estimated estimate of
Rs. 31,800 for the Recreation
Room at Bangalore would
be largely exceeded; yet no
mention of that fact was
made in the earlier estimate
about the change of floor.
Major Vibart has already
in G. O. No. 3355 of 23rd Nov. 1875

been taken to back for, delay in the submission of
Revised Estimates, and in another No. 628 of 9 March for
ment in one view the full
amount of the Outlay is
likely to be incurred on
any work, in his
charge regarding which
he had proposals to sub-
mit. It is not sufficient
to say that the Statement
now sent would have
been prepared earlier had
a certain subordinate
joined earlier. Nor is it
satisfactory that a com-
parative Statement
anewly ready in April
should have been de-
lained because Major
Vibart was absent on
Privilege leave, without
a hint to Government
that it contemplated an
excess of Rs. 5000 in a work
for which that money

Any repetition of a procedure
is entirely opposed to
the orders of Govt. will
make it necessary for His
Excellency in Council, to
mark his displeasure

by removing Major
Vibart from Bangalore.

W. H.
W. H.
W. H.

submitted for approval
and being sent on

+ in the

156
time an additional amount
of Rs. 2660 was being asked
for. [The proceeding is dis-
ingenuous, and is opposed
to the Orders of Government
in that its repetition
by Major Vibart will
involve his removal
from Bangalore.]
The excess of Rs. 5000

now brought to notice
is accounted for generally
by the style of work done
in Chunnar, being some-
what new to most of
the poor people employ-
ed who were presumably
bricklayers and not
Masons, and the same
reason may be given
for the excess of Rs. 2050
on the Causeway carried
on at the same time
which was sanctioned
in G. O. No. 2132 of 16th August.

It is stated also that great competition for labour and materials was caused by the construction of the Imperial Rajah's Palace at Bangalore at the same time. These reasons do not however apply to the increased rate for terracing, which ought to have been well known when the original estimate was made.

[Altogether the District Engineer's proceedings with reference to this Building and the Commission do not impress the Government favorably as to his powers of economical management and they are led to the

... a ...
 ...
 ...
 ...
 ...

It appears conclusively established that the substitution of brick in Chumam, for brick in Chumam is not desirable in other buildings for the future.

I think enough of censure has been given above (I mean to Mr. Ellis.)

(U.)

1757
 the conclusion that the substitution of stone for brick in Chumam is not desirable in other buildings for the future.

The future sum of which sanction is now accorded with the above sum is Rs. ~~33,400~~ ^{35,400} of which Rs. 33,400 having been spent up to 31st March and Rs. 1,700 already provided in this year Rs. ~~4,300~~ ^{4,240} remain to be allotted. Provision of which sum may be reckoned on from reductions of stock balances, and can be anticipated.

G.O. No. 1543 of 26 June 1876.

S. Eng. Bangalore
 En. P. W. B.
 Milford

Desd 28/9/76

This sanction has been registered as Special No. 80 W. of 1876-77.

5779

Gobt. of 1876, Madras.

PUBLIC WORKS.

To The H. E. Bangalore

Dated

Issued

Recd

Encl.

G. O. 12th 1876, No. 2421

Nos. 152/3

Recreation Room, Parade
Barracks, Bangalore

Revised Estimate of
Rs. 39,400 for the con-
struction of a — sanad
with remarks relative to the
manner in which this &
other works has been dealt
with by Major Tibbels