

(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.	2132	Press
B.P. No.		Mis.
Dated	6-8-195	1876

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
16th August 1876. No. 2,132.*

No. 356. Read the following letter 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, 3rd August 1876, No. 92:—

I HAVE the honor to forward herewith for sanction a comparative statement for constructing a new Canteen in the Parade Barracks at this station, from which it will be seen that the original estimate has been exceeded by Rupees 2,050.

2. The reasons for the excess are given in the comparative statement.
3. The amount of the original estimate is Rupees 32,400, sanctioned by Government of India in their Order No. 683, dated 10th March 1875.
4. The amount expended up to the end of last year in which expenditure incurred was Rupees 27,305-1-9.
5. The allotment of the current year is Rupees 5,000.
6. The expenditure of the current year up to the end of July is Rupees 42.

No. 357. ORDER THEREON, 16th August 1876, No. 2,132.

MILITARY WORKS, No. 13.

(a) *Heads of Service.*—Imperial.
Fund.—Ordinary.
Class.—Original Works.
Main-head.—Military.
Sub-head.—Military Buildings—Accommodation for European Infantry.
Name of Work.—Canteen for the European Infantry, Bangalore.
Amount.—Rupees 34,450.
 To be carried out by the Public Works Department.

UNDER Paragraph 53, Section i, Chapter XVI, of the Government of India Public Works Code, His Grace the Governor in Council sanctions the revised estimate of Rupees 34,450, in lieu of that for Rupees 32,400 sanctioned by the Government of India for the construction of a Canteen for the European Infantry Barracks at Bangalore.

* Paragraph 4, G.O., No. 1,543, of 20th June 1876.

2. Rupees 5,000* have been provided for expenditure on the work during 1876-77.

3. This sanction has been registered as Imperial No. 60-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. T. O'Connor.

Spare Copies

Comparative Statement showing the difference between the sanctioned estimate and work as actually executed
in constructing a Canton for the European Infantry Barracks Bangalore

Sanctioned Estimate		As actually executed		Increase		Decrease		Remarks.
Quantity	Rate	Amount	Quantity	Rate	Amount	Amount	Amount	
Excavation	25087	1	181	25152	131			
Concrete	5889	33	195267	6168 1/2	55	1252	56	Excess is due to greater depth of concrete having been laid than provided for in the Estimate to ensure a firm bed for the foundation.
Foundation stone in chunam	15677	3	47031	17422 1/2	3	3267	328	Excess is due to greater depth of foundation having been built on account of the slope of the ground.
Basement	9806	3	29418	4552 1/2	3	852	985	The saving in this item is owing to the depth of basement having been reduced from 3 to 1 1/2 so as to counterbalance the excess of masonry in Foundation.
Superstructure	30485	36	1103460	30231	4	7558	889	The excess in rate is owing to this class of work not being well understood by the work people here employed - Bricks having been hitherto used - The mortar used upto springing of arches was more expensive than usual owing to soothee having been used instead of sand, also the great height of the walls viz 24 feet and the price of stone having risen on account of the great demand for building the Rajah's Palace and other large buildings in the vicinity.
Arch work	2876	63	181248	2169 1/2	108	1446	323	Extra labor caused by cutting splays instead of plain stones. No allowance for centering and the

Comparative Statement showing the difference between the sanctioned estimate and work as actually executed in constructing a Gaol for the European Infantry Barracks Bangalore

Sanctioned Estimate			As actually executed			Increase	Decrease	Remarks.
Quantity	Rate	Amount	Quantity	Rate	Amount			
Brought forward 1874-6								
White washing with 2 coats of <u>Chunam</u>	Sqr. 271.98	3.	51	271.98	3.	51		
Teak wood wrought and flat up	Sqr. 1268-7	38.	4440	1268-7	38.	4440		
Nails 8" long	S	261 . . 8	11	261	. . 8	11		
Stone plates under beams	.	30 . 4.	8	30	. 4.	8		
Terracing with brick on edge 3" Jelly 3 courses of flat tiles and plaster 1/2"	Sqr. 80.62	278.	2217	80.62	328.	2620	403	Rate in Estimate much too low. The actual cost is that given.
Bengal roof with teak rafters nails 1/2" courses of flat tiles 1/2"	.	6.72 19.	128	6.72	0 . .	134	6 . .	D. D. D.
Filling in Basement	Sqr. 22079	. . 1/2	58	18000 118 12000	. 1/2 1 2	172	114	The excess is due to the earth for filling, (12000 cys) having to be brought from a distance of 300 Yards.
Flooring with stone slabs	Sqr. 82.52	128.	1031	82.80	148.	1201	170	Excess in rate is owing to reasons given for superstructure.
Leveling course of concrete under the stone floor	.	82.52 5 . .	413	82.80	5 . .	414	1 . .	
Pairs of fixed venetian doors with hinges and bolts	.	42 . .	1002	42 . .	1002	104		Saving. The doors being half venetian and

Comparative Statement showing the difference between the sanctioned estimate and work as actually executed in constructing a bazaar for the European Infantry Barracks Bangalore

Sanctioned Estimate			As actually executed			Increase	Decrease	Remarks.	
Pa	Quantity	Rate	Amount	Quantity	Rate				Amount
Brought forward.									
Pairs of mentioned doors with frames and glazed top $1\frac{1}{2}$ (4x8)	16	50 4.	804	16	46 ..	736 ..	5191 ..	2518 ..	
Pairs of paneled doors with frames & glazed top (4x8)	6	46 4.	278	6	46 4.	278 ..	68 ..	Saving. — The doors being half sanctioned and half glazed.	
Pairs of mentioned & glazed windows with glazed top ($3\frac{1}{2}$ x 5) $1\frac{1}{2}$	2	46 8.	93	2	46 8.	93 ..			
Glazed swing windows complete (4x1 $\frac{1}{2}$)	66	7 ..	462	38	8 8.	323 ..	139 ..	28 swing windows dispensed with considered unnecessary by the District Engineer as the space between the fanlights of doors & veranda terracing was insufficient to introduce them swing windows	
Grated door large	1	286 8.	287	1	286 8.	287 ..			
Do. small	1	40 ..	40	1	40 ..	40 ..			
Wood ceiling	89.68	2 ..	179	89.68	2 ..	179 ..			
Painting with chocolate color paint	54.07	5 ..	270	54.07	5 ..	270 ..			
Wrought iron spouts to do	807	12.	605	807	..	..	605 ..	Not required — as sufficient openings in the parapet walls have been made so as to throw off the water without the aid of these iron spouts.	
Fanlights (8x4) with glazed shutters complete	4	135 1.	540	4	150 ..	600 ..	60 ..	Rate in Estimate is not sufficient.	
Do (8x2) small	2	108 6.	217	2	108 6.	217 ..			
Shelves (1 $\frac{1}{2}$ x 1) brackets (3x2)	70	13 8.	60	49	13 8.	42 ..	18 ..		
Stand for barrels	33	1 6.	45	33	1 6.	45 ..			
Marking board	1	5 ..	5	1	5 ..	5 ..			
Sundries			30905	..			32808 ..	5257 ..	3348 ..
			1495	..			1662 ..	147 ..	
			32400	..			34450 ..	5398 ..	3348 ..
Deduct amount of Estimate already sanctioned				..			32400 ..		
				..					The increase is calculated @ 5 p.c. on the work as actually executed.

B. 5568/96.

*I am
Your truly Obedient
Servant
J. D. DePue.*

How I am torn. —
 You are so much
 to me for a sister —
 It almost shows
 the difference in
 our known positions
 life and death as —
 actually separated
 in conducting —

(a) Heads of Service— *Amplified*

Fund.	Ordinary
Class.	Original Works

Main-head. *Military*

Main-head. *Military*
Sub-head. *Military Buildings - Accommodation for European Infantry*

Name of Work. *Carton for the European Infantry*
Bangalore -

Amount, *\$34.45*

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

To be carried out by the F. W. Department.
 Unit in the margin of G.O. No 21320 of 16/8/16

No 2132
Proceedings of the

Board of

From

The District Engineer

Bangalore

Read the

Minutes

of the

Board of

Public Works

His Grace the Governor

in Council sanction

the revised estimate

of Rs 34,500 in lieu

of that for Rs 33,400

sanctioned by the

Governor of India for

the construction of

a Canteen for the

General instructions
Bureau of the Registrar

2. Return of children
have been made for an
population in the west
during 1876-77.

Para 4. Sec. No 1545 of 20 June 1877

3. Two emigration lines
have registered in 1876-77.
periods 1.60 2.76

W. H. S.
1.0.76.

The paper contains in a Department
to be much needed for the well
being & comfort of the men that
about money may be found
for better living than now.
In very opinion it is better to make
the building of an "emergency
works".

16/8.

No 356/57

Dr. Bengelme ✓
Dr. H. Goch ✓
Mig. Dept. ✓
Dec. 2/9/76

5548

Govt. of India
PUBLIC WORKS.

The H. C. Bangalore

Call in copy for
reference to be
returned to Mr.
23/10/70
356-357

Canteen for the European
Infantry Barracks at
Bangalore - The purpose of
estimate for the construction
of a ——— canteen.

Left in Reg.
H. C. Bangalore