M.R.O.—77,006—9-8-62.

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(3) Initials of the Reformer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 3760 Press Mis.
67-67
Dated 13 12 1864.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 3rd February 1864.

Read the following papers :—

No. 67. From Lieutenant-Colonel E. HEMERY, R. E., Superintending Engineer, 3rd Division, to Colonel C. A. ORR, R. E., Secretary to Government, Public Works Department, dated Cuddapah, 9th January 1864, No. 255.

SIR,

1. I have the honor herewith to forward comparative statements showing the probable excess of expenditure above the amounts sanctioned in Order of Government No. 449, dated 21st February 1863, for the undermentioned Military buildings at Bellary :—

2 Statements.
2 Letters, Nos. 51, 61.

1. Reading Room, Library and Coffee Room for the use of the D. Battery Royal Horse Artillery.

2. Reading Room, Library and Coffee Room for the use of the E. Battery 23rd Brigade Royal Artillery.

Reading Room, Library and Coffee Room for the use of the Infantry.

2. In his letter as per margin herewith enclosed, Captain Fischer points out that the revised Estimates have been framed on existing rates, and that no alteration has been made in the different items with the exception of "flooring," where square slabs have been substituted for rough stone by order of the Major General Commanding Ceded Districts.

No. 51, 16th December 1863.

3. Captain Fischer having however at the same time remarked that it would eventually be more economical to construct the roofs of Nugger wood instead of Palmyra rafters, owing to the great span of these buildings, I requested him to forward particulars of the increased cost of the proposed alteration, and the revised Estimates now submitted for sanction include Nugger wood in lieu of Palmyras for the roofs as suggested by Captain Fischer.

4. The following Statement shows the additional amount required for these buildings according to the Estimates now revised :—

	Sanctioned amount.	Revised Estimate.
	Rs.	Rs.
Reading Room, &c., for the D. Troop Royal Horse Artillery...	5,460	8,055
Do. do. for the E. Battery 23rd Brigade Royal Artillery...	5,460	8,055
Do. do. for the Infantry	8,160	12,004
	19,080	28,114
		19,080
Additional amount for which sanction in solicited...		9,034

No 68. Proceedings of the Madras Government in the Military Department :—

Approving of the revised Estimates amounting to Rupees 33,000 for constructing quarters for the Non-Commissioned Officers and the married men of the D. Troop Royal Horse Brigade, stationed at Bellary. } (Here enter 14th January 1864, No. 135.)

No. 69. ORDER THEREON, 3rd February 1864, No. 360.

1. In Proceedings dated 14th February 1863, No. 506, the Government in the Military Department sanctioned several Estimates aggregating Rupees 78,960 for buildings to accommodate the Artillery at Bellary. Colonel Hemery now submits revised Estimates for three of the proposed buildings, the increased cost being due chiefly to rise in prices and to the substitution of Nugger wood for Palmyra for roofing. As the Estimates for the remaining buildings were prepared about the same time it is presumed that the rates allowed therein will also be found inadequate, and as the whole has been treated as one project in the Budget and the

allotment of funds has been made on the same principle, the Government will with holdits sanction to the revised Estimates now submitted until furnished with one general comparative Statement showing what the aggregate excess will be, inclusive of the cost of the quarters, the Estimates for which have received the sanction of Government in Proceedings of Military Department recorded at the head of these Proceedings. On receipt of this Statement sanction will be granted to the revised Estimates in supersession of those approved of in Proceedings Military Department, No. 506, 14th February 1863. The Superintending Engineer will be careful to scrutinize the quantity and cost of each description of work, to prevent undue enhancement of outlay on the buildings.

2. The Government of India having restricted the period up to which Estimate for works to be carried out from the 4 lac grant could be received, to the 15th December, the Government is precluded from applying to the Government of India for any additional assignment of funds for the works sanctioned by the Military Department in the Proceedings now communicated. It is observed that although the Plans and Estimates for those works were despatched by the Superintending Engineer to the Quarter Master General on the 8th December, yet they were not submitted to Government until the 30th idem, when the limit of time fixed by the Supreme Government had expired.

(True Extract.)

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

To the Military Department.
„ Superintending Engineer, 3rd Division.
„ Controller and Auditor of Public Works Accounts.
„ Accountant General.

Statement exhibiting the Estimated Cost and Prevailing Rates, showing the probable Excess for Constructing Reading Room Library &c. for the Infantry Regiment Stationed at Peshawur.

No.	Description of Work	Estimated Rate	Prevailing Rate	Probable Excess	Remarks.
1842	Stone in Mortar	@ " " 10 per Cft.	1333 4	" " 1 " per Cft.	1842 2 " 508 11 "
1843	do Masonry	@ " 1 " "	183 10 "	" 1 2 "	274 9 6 90 10 6
1844	Painting with do	@ 1 " " per Sq.	216 1 10	" " " "	274 1 10 " " "
1845	Flooring	@ 38 " "	343 6 6	" 38 " per Sq.	735 13 9 392 4 4 Flooring with square slabs
1846	Rebate of Slabs	@ " 2 " per Rft.	181 8 "	" " " per Rft.	181 8 "
1847	do Jalousy	@ " 3 " "	231 3 6		Jalousy wrought and put up
1848	Roofing with flat and pot Tiles Bamboo Rafters and Thatch	10 " per Sq.	1008 " "	per Sq.	6040 " " 2214 12 6 Rafters and Thatch complete
1849	Batten Doors	21 8 " Each	989 " "	25 " " Each	1150 " " 161 " "
1850	Venetians	" 8 " "	46 " "	" " " "	46 " " " " "
1851	Sqrs of Painting	2 " " per Sq.	20 " "	" " " "	20 " " " " "
1852	Mortice Locks	3 " " Each	35 " "	" " " "	35 " " " " "
1853	Rebate of Shelves	" 6 " Rft.	27 " "	" 8 " Rft.	36 " " 9 " "
1854	Pegs	" 2 " Each	3 8 "	" 3 " Each	5 4 " 1 12 "
1855	Cft. of Excavating	" 2 " per Cft.	50 " "	" " " per Cft.	50 " " " " "
	Filling in Basement		40 " "	" " " "	40 " " " " "
	Sundries 5 p.c. per Cent	5 " " per Cent	598 14 3	10 " " per Cent	1070 8 11 691 10 8 including 5 per Cent for Establishment
	Cook's House				
1848	Stone in Mortar	@ " " 10 per Cft.	56 2 4	" 1 " per Cft.	67 6 " 11 3 8
1849	Painting with Chunam	@ 1 " " per Sq.	8 15 "	" " " per Sq.	8 15 " " " " "
1850	Roofing with Palmyrah Mats Rafters Battens Tiles &c.	30 " " "	81 " "	33 " " "	94 8 " 13 8 "
1851	Rebate of Wall plate	@ " 3 " per Rft.	5 10 "	" 4 " per Rft.	7 8 " 1 14 "
1852	Door		15 " "		20 " " 5 " "
1853	Paving to floor	@ 38 " per Sq.	3 6 9	1 8 " per Sq.	7 0 2 3 13 5
	Painting	@ " " "	1 " "	" " "	1 " " " " "
1854	Cft. of Excavating	@ " 2 " per Cft.	1 8 "	" " " "	1 8 " " " "
	Filling in Basement		1 " "	" " "	1 " " " " "
1855	Slabs to Doors	@ " 12 " Each	1 8 "	" " " Each	1 8 " " " "
	Sundries 5 p.c.	5 " " per Cent	8 14 11	10 " " per Cent	21 7 10 12 8 11 including 5 per Cent for Establishment
	Total Rupees		6131 " "		12004 " " 3873 " "

Superintending Engineers Office
Peshawur
9th January 1864

Examined

Lieut Col RE
Superintending Engineer 3rd Division

Executive Engineers Office

Ballincollig 29th December 1863

No. 61

From

Captain J. F. Fischer R.E.

Executive Engineer 1st Class

To

Lieut. Colonel E. Harness R.E.

Superintending Engineer 3rd Division

Sir,

With reference to your letter No. 1461 dated 23rd Instant, I have the honor to forward a Statement shewing the increase of cost for putting up Naggin wood roofs to the reading rooms &c. now constructing at this Station three are building and I have included the cost for all at the same time I have added an item for the increase cost to be incurred for putting down permanent flooring in these Buildings as it would be a needless waste of money to carry out the work as estimated for with rough stone floorings.

2 I have also added 5 per cent increase for Sundries as in the original Estimates but 5 per cent on the whole cost only is allowed and a very great rise in the prices of every thing has since taken place

I have the honor to be

Sir

Your most Obedient Servant

Wm. F. Fischer Captain R.E.

Executive Engineer 1st Class

11/1/64

Lieut. Colonel Harness

Superintending Engineer

Cork

Submitting the Estimate and Statement for Naggin wood roofs to the reading rooms &c. now constructing at this Station

Executive Engineers Office

Ballincollig 29th December 1863

Buggy proved in lieu of palmyras for the roofs
as suggested by Captain Fiske.

4. The following Statement shows the additional Accommodation required for these Buildings over
& above the Estimate now provided.

Provided

From
Captain J. G. Fiske R.E.
Engineer
To
Lieut. Col. Wagner R.E.
Staff Engineer
Dumaguete

Dated Jagna 19th December 1863

Received 24th January 1864

Accompanying Estimate
Showing the accommodation
proposed to be provided
by Captain Fiske
for the Troops
at Dumaguete
Estimated cost of the
Buildings
Pesos

Waggon Board in lieu of Palisades for the Roofs as suggested by Captain Fisher.

2. The following Estimate shews the additional Amount required for these Buildings according to the Estimates now provided.

	Amount Required	Amount Provided for by Estimate
Reading Room &c for Men of D Troops Royal Horse Artillery	£ 54 60	£ 805
Do do for Men 2nd Battery 23rd Brigade Royal Artillery	54 60	805
Do do for the Officers Quarters	8160	12004
	19080	28114
		19080
Additional Amount for which Estimate is now solicited		9034

Horse Gds

January

1860 C.R.C.

Capt. Fisher

3rd Division

No 11 1864

Royal Engineers Office

Horse Guards 14th January

The Asst Adjt Gen Royal Engineers

3rd Division

&c &c &c

The Secretary to Government

Public Works Department

No 255.

Dated 15th January 1864.

Enclosure 4

Amended Estimate of Sundry Buildings to be erected at Aldershot Camp for the Accommodation of Detachments of Royal Artillery and Royal Engineers.

No 67.

Received 16th Feby

No 860 - 3rd February

MILITARY DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following papers :—

Memorandum from the Deputy Quarter Master General, Fort Saint George, 30th December 1863, *No.* 10,173 ; *to the Secretary to Government, Public Works Department.*

Forwarded to the Secretary to Government, Public Works Department, with the Commander-in-Chief's approval.

From the Superintending Engineer, 3rd Division, Cuddapah, 8th December 1863, *No.* 1395 ; *to the Quarter Master General, Fort Saint George.*

With reference to the Order of Government, No. 3596, dated 10th ultimo, I have the honor herewith to forward, for the approval of His Excellency the Commander-in-Chief, revised Plans and Estimates amounting to Rupees 33,000 for constructing nine Quarters for the Non-Commissioned Officers and sixteen Quarters for the married men of the D. Troop Royal Horse Brigade, stationed at Bellary.

Enclosures 7.
2 *Plans.*
1 *Original letter.*
2 *Estimates and*
2 *Reports.*

2. As I shall be absent from my Head Quarters until the end of the month, I beg to suggest that, in order to avoid delay, you should submit the above Estimates to the Secretary to Government, Public Works Department, in the event of their meeting with the approval of His Excellency the Commander-in-Chief, we are now in the eighth month of the official year and every day is of great importance if these works are to be completed by the end of April next.

Referred to the Military Department, with reference to the Orders in that Department, No. 3596, dated 10th November 1863.

(Signed) C. A. ORR, Colonel, R. E.,
Secretary to Government, P. W. D.

4th January 1864.

ORDER, No. 135, *14th January* 1864.

Approved.

(True Extract.)

Deputy Secretary to Government.

To the Public Works Dept, with six enclosures.
,, Quarter Master General.

Exd. J. E. Cashart.

No. 360

Public Works Department

Correspondence with the Finance Commissioner

Melbourne 3rd Feby 1864

Received 4th March

Estimate of Cost &c &c

Letter from Commissioner of Crown Lands &c

Clearing the Timber from the Site of the Barracks at Ballarat

Estimated Cost of Clearing

Building Contract Cost of Trees

Building, Building &c &c

Plan of Cost in detail &c &c

Specification of Materials Estimated

Quantities &c &c

Levelling &c &c

Specification of Materials Estimated

Quantities &c &c

Levelling &c &c

Received 14th March

No. 235.

Ent. Reg. dft 14th Feb. 1864

No. 506. The Government in the Military Dept. sanctioned several Estimates aggregating £10,780 for Buildings to accommodate the Artillery at Ballarat &c &c Money now authority received Estimates for three of the four Barracks, the erection of which chiefly depends upon the supply of Timber & to the substitution of Stringy wood for Ironbark for Flooring &c. As the Estimates for the remaining Buildings were prepared about the same

Plan of Cost in detail &c &c

Specification of Materials Estimated

Quantities &c &c

Levelling &c &c

Received 14th March

No. 235.

Ent. Reg. dft 14th Feb. 1864

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Public Works Dept. 1st Feb. 1864

Hence it is presumed that the
rates allowed herein will also be
found inadequate, & as the
whole has been treated as one
project and the Budget & the al-
lotment of funds has been
made on the same principle,
the Govt will withhold its sanction
to the Revised Estimates now sub-
mitted until furnished with the
general Comparative Statement
showing what the aggregate saving
will be, inclusive of the cost of
the Quarters, the Estimates for
which have received the sanction
of Govt and Bds of Irrity Dept
recorded at the head of these
Proceedings. On receipt of
this Statement
~~such a document and~~ sanction
will be granted to the Revised
Estimates and superintendence of these
officers off in the Irrity Dept
No 506, 13th Feb 65. The Exty
Engineer will be careful to
observe the quantity & cost of
each description of work, so prescribed

under embankment of outlay
on the Buildings.

The Govt of India have
sanctioned the periods upon the whole
Estimates for works to be carried
out from the 1st Dec 64 to the
to the
1st Dec 65, ~~upon~~ 15th Dec,
the Govt is precluded from
objecting to the Govt of India
additional
for any expenditure of funds
for the works sanctioned by
the Secretary Dept on the
1st Dec 64 commenced.

It is observed that a Plan
Plans & Estimates for three
works were also submitted by the
Superintending to the Executive
Engineer & the 8th Dec
yet they were not submitted
to Govt until the 30th idem -
when the season of time fixed
by the Sanctioning Govt had
expired -

To The Irrity Dept
" Superintending Engr
" Cond & Audr of Accts
" Accountant Genl Dept & Marine

1864 Datta
Tho: of Govt for Safety
F. 366

Tho: of the Ordnance
Dated 3 Feby 1864

Ordnance Circular 996 of 1863
Paragraph 211 refers

A Supply Engineer Officer
is required to submit
to the General Commanding
an Estimate Statement
shewing what the
aggregate expenses
for one season of the
above mentioned Fortifications directed,
the buildings to accommodate the Artillery
& Military.

Pp. 67. & 69.