

(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. 1247 285,286	Press Mis.
Dated 14 5 1872.	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
14th May 1872.*

No. 285. Read the following letter from the Superintending Engineer, 5th Division, to the Officiating Secretary to Government, Public Works Department, dated Cuddalore, 27th April 1872, No. 29:—

I HAVE the honour to submit, for the sanction of Government from the Reserve, Military, for 1872-73, the undermentioned estimates for Military works at Bangalore:—

- | | |
|--|-----------|
| 2 Plans. | |
| 3 Estimates. | |
| 3 Specifications. | |
| 1. For alterations to the Military Assistant's Stores, to convert it into Laboratory to the Arsenal at Bangalore ... | Rs. 1,610 |
| 2. For enlarging the forage yard of the Cavalry Regiment at Bangalore ... | 470 |
| 3. For dismantling the old buildings used as a Sandalwood depôt in the Fort at Bangalore ... | 400 |

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

No. 286. ORDER THEREON, 14th May 1872, No. 1,247.

MILITARY WORKS, No. 14.

SANCTIONED.

2. The question of providing funds for the works will be considered when the application of Superintending Engineers for grants from the Reserve comes under review.

(True Extract.)

Colonel, R.E.,

Officiating Secretary to Government.

To the Superintending Engineer, 5th Division, with three Specifications.
 „ Controller of Public Works Accounts.
 „ Military Department.

Exd. S. T. Augustin.

Military-

5th Division D.P.W.

New Work.

Bangalore.

31

Abstract Estimate of 1872-73.

Work. Altering the Military Assistant's Stores to convert it into Laboratory attached to the Arsenal in the Fort.

Quantity. Description of work Rate Per Amount Total.

233 1/2 cfts of Excavation ————— " " 1 cft 14 10 6

2298 — " — of Foundation stone in mud " 19 " 251 5 6

36 — " — Stone in Churnam ————— " 26 " 5 10 "

396 — " — of basement Stone in mud " 19 " 43 5 "

6 — " — Stone in Churnam ————— " 26 " " 15 "

3360 — " — of Superstructure brick in

————— mud ————— " 19 " 367 8 "

335 — " — Brick in Churnam ————— " 29 " 57 9 3

41 — " — of Archwork — B^r ————— " 4 " " 10 4 "

72.98 Squares of plastering with two
coats of Churnam ————— 28 " Sqrd 182 7 2

36.31 B^r of whitewashing with two
coats ————— " 3 " " 6 12 11

36.67 B^r of Blue washing with two
coats ————— " 4 " " 9 2 8

4 Nos of brass bolts and hasps to
main and side doors ————— 48 " Each 18 " "

3 Taking out the iron nails and
rivets & re-fastening them with brass
screws ————— } 2 " " " 6 " "

Carried Over ————— 973 10 "

Brought forward		973 10 "
60	Pairs of 3" brass folding hinges to window shutters with brass screws	" 10" each 37 8 "
60	Wooden catch buttons with brass screws to inside window shutters	" 2" " 7 8 "
9	Pairs of 6 inch brass hinges to doors including brass screws and removing the old iron hinges	1 4" " 11 4 "
120	Removing the iron bars from 15 Windows	" 1 " " 7 8 "
30	Fixing Rattan screens to inside window shutters in lieu of the glass	4 " " 120 "
180	Wooden wall bricks 6" x 3" x 3" for fixing the lightning Conductor including fixing	" 4" " 45 "
418	Running feet of removing and fixing old lightning Conductor with copper nails	" 2 " Pft 52 4 "
25	Pft of new copper lightning conductor with copper nails	" 14 " " 21 14 "
2	Removing and fixing iron lightning Conductors with copper nails	" 14 " each " 8 "
2	Fixing new iron lightning conductors with copper nails	1 " " 2 "

Carried Over 1279 "

Brought forward		1279 "
4	No of iron chains 12 feet long each fixed to the end of each copper band at each corner of the building	3 " " each 12 " "
225	Pft of excavating and filling up trenches for the iron chains at end of lightning conductors	" " 1 1/2 pft 1 12 1 "
45	Paras of charcoal	" 8" Pa 22 8 "
1	Battened door 4 x 8 with brass screws	32 " " 32 "
60	Brass bolts 1/4 to window shutters	1 " " 60 "
4	No of Brass Pad locks & rubbers	No 2 3 " " 12 "
185	Linear feet of slapping walls	" " 1 pft " 15 5 "
1	Palisade gate, shutters, hinges, running bolts Padlock complete	50 " each 50 "

1470 3 6

Indries at 10 percent 139 12 6

Total Estimate Rupees 1610 "

Executive Engrs Office
Bangalore, 23 March 1872

Signed H. W. Wood Captain R.E.
Executive Engr Bangalore

By order
Signed W. R. Mesham Major
Asst 2nd M^g Genl

E A And Bull R.E.
Supg Engr 5th Division

Military

Fifth Division D. P. W. New Work

Bangalore.

Abstract Estimate of 1872-73

Work; Dismantling the old buildings used as Sandal wood Depot in the Fort.

Quantities	Description of Work	Rates	
		Amounts Per	Amounts Total
53.11	Squares of removing tile roof—	1. Sqr	53 19
36.12	—do—of—do—mud	1 " do	36 11
	Terrace roof—	1 " do	36 11
14030 $\frac{1}{4}$	Cubft. of dismantling walls brick in chipm—	1 $\frac{1}{2}$ Cft	109 9 9
			198 13 5
	Removing rubbish—		180 "
	Sundries—	at 5 "	Cent 21 27 400 "
Total Amount of Estimate Rs			400 "

Executive Engineer's Office
Bangalore 15th March/72

By order

(Signed) W. R. Mesham Major,
M. D. Mr. G. L. of M. D.

(Signed) H. W. Wood Captain R.E.
Executive Engineer
Bangalore

Edmond Colonel R.E.
Superintending Engineer 5th Bn

5th Division D. P. W.

Bangalore.

R. No. 2164/72.

Abstract Estimate for
altering the Bricklayers Shop
to be a commodious
Laboratory attached to the
Arsenal in the Fort.

Amount of Estimate Rs. 1610-

Military.

5th Division I. P. W.

New Works.

Bangalore.

Abstract Estimate of 1872-73.

Work. Extending the Straw Yard for Cavalry in the Race Course. 9.

Quantity Description of Work Rate Per amount Total

801 Cubic feet of Excavation " " 1 bft 4 ..
81 - 1st Foundation Stone in mud " 19 " 88 ..
1788 - 1st Superstructure S - S " 19 " 196 ..
298 Rft of Stone coping (1 1/4 x 3) " 5 Rft 93 ..
2829 Squares of pointing " 12 1/2 21 ..
2 1/2 of Gate Stone roughly dressed
1 1/2 and 7 feet high " " each 12 ..

Gate.

4 x 5 x 9 Cubic feet of teak wood wrought
and put up 3 8 1/2 bft 15 ..
70 lbs of wrought Iron " 26 lbs 11 ..
6 lbs of Lead " 26 " 1 ..
1 Catch Lock and Key 1 " 1 ..
60 Squares of Chocolate Painting 5 " 3 ..

Sundries 445 ..
Total Estimate Rupees 1470 ..

Executive Engis Office
Bangalore, 6th March 1872

By order
1 Sigd W. R. Mesham Major
Asst 2nd Mr General

1 Sigd H. W. Wood Capt. R. E.
Asst Eng Bangalore

Edmd Coll R. E.
Supg. Eng 5th Division.

Amount of Estimate Rs 1470

Abstract Estimated for
extending the Straw Yard
and as sandal wood
Depot in the fort.

R. R. 2164/12.

Bangalore

5th Division I. P. W.

Supp. Engrs. Office, 5th Divⁿ,
 Bangalore 27th April 1872.

From

The Superintending Engineer,
 5th Division.

To

The Officiating Secy: to Government,
 G. P. W.

Sir,

Enclosures 8.

Plans
 Estimates
 Specifications

I have the honor to submit for the
 sanction of Government from the Reserve Mili-
 tary for 1872/73, the undermentime estimates
 for Military Works at Bangalore:-

1. For alterations to the Military Assistants
 stores, to convert it into Laboratory to the Arsenal
 at Bangalore. Rs: 1610 0 0
2. For Enlarging the forge yard of the Cavalry
 Regiment at Bangalore. " 470 0 0
3. For Demantling the old buildings used
 as a sandal wood Depot in the Fort at
 Bangalore. " 400 0 0

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

I have the honor to be
 Sir,

Your most Obedt. Servant.

E A Ford Col. R.E.
 Supp. Engineer, 5th Division

5th Division B.M.

Bangalore -

P. No. 2164/72

Abstract Estimate for
 extending the Chain Road
 for Cavalry in the Place
 named.

Amount of Estimate Rs 19000

Sanctioned by Secy to Govt.

P. M. 1842. *Wednesday*
 Memo *2164*
 The day: *Engines*,
5th 8th.

The *off. day* to *cont.*
D. D. W.

Date *27* } *April 1842*
 Decd: *30* }

3. 6. 1842 *10. 29*

Evidence *8*:

Military Works, *8th* are =
 = *galore*.

= *operating for some*
 = *time estimate for decisions*
 = *to the military sect. alone*
 = *to connect it into a system*

= *long for enlarging the*
 = *large ward, & for diminishing*
 = *open, & for diminishing*
 the old *land* used

Depot *Bangalore*
Bidhan Bazar

124

anchored

The question of providing funds for the
 works will be considered when the applications
 of *8th* are for grants from the *Revenue* and

16/5/72
16/5/72

16/5/72
16/5/72

16th *16/5/72* *16/5/72*

No 2164
Govt. of 1872 Madras.

PUBLIC WORKS.

To *The Superintending Engg*
5th Division

Dated

Recd.

Encl. 5

G. O. *14 May* 1872. *1247*.

Nos. *2834286*

Artillery Works at Bangalore.

Estimates amounting to
Rs: 2480 for certain
Military Works at Banga-
lore, sanctioned with
Remarks.