

(1) Number of pages_____

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MADRAS RECORD OFFICE

Government of Madras

Public works DEPARTMENT

G.O. No.	2533	Press
B.P. No.		Mis:
248-249		
Dated	16.10.1873	195

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
16th October 1873.*

Read the following papers:—

No. 248. From Major J. BEATTY, R.E., District Engineer, Vizagapatam, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Waltair, 21st January 1873, No. 251.

As directed in G. O., No. 3,004, of 18th ultimo, I have the honour to submit, for the sanction of Government, a plan and estimate for infectious disease hutwards, to be constructed at the Native Infantry Hospital of Vizagapatam.

1 Plan.
1 Estimate.

2. I have provided a tiled roof as the new hospital is near a portion of the native town, and thatch would consequently be a source of danger in case of a fire in the neighbourhood.

REFERRED to the Inspecting Engineer for Buildings, with a request that he will ascertain personally from the Inspector-General, Indian Medical Department, what plan of huts he would approve of standard, that submitted not being appropriate.

FORT ST. GEORGE,
30th January 1873.

(Signed) G. W. WALKER, Colonel, R.E.,
Chief Engineer, Public Works Department.

No. 248A. From Colonel E. A. FOORD, R.E., Inspecting Engineer for Civil and Military Buildings, to Colonel G. W. WALKER, R.E., Chief Engineer, Public Works Department, dated Chepauk, 20th September 1873, No. 1,157:—

With reference to your endorsement, dated 30th January, on a letter from the District Engineer of Vizagapatam, I have the honour to forward a revised estimate of Rupees 1,120, accompanied by plan and specification, for constructing hutwards with out-houses, for infectious diseases at the new Native Infantry Hospital at Vizagapatam.

One endorsement from the Chief Engineer, dated 30th January 1873, with three Enclosures.
2 Plans.
1 Specification.
1 Estimate.

2. The plan has been prepared from a sketch which I forwarded to the District Engineer, the dimensions in which had been approved by the Inspector-General of the Indian Medical Department.

3. The roofs are to be thatched and the spaces between the pillars are to be filled with bamboo matting, and the doors and windows are to be of the same material. The floor is to be of sand. The tops of the pillars supporting the roof are to be of brick-in-chunam and the rest of stone-in-mud. In some situations stone or wooden posts or angle iron might be used for supporting the roof.

No. 249. ORDER THEREON, 16th October 1873, No. 2,533.

IRRIGATION, No. 21.

THE plans of hutwards and out-offices now submitted are approved. The cost of adding such buildings to the accommodation already provided for the Native Infantry Hospital at Vizagapatam is as follows:—

*Proceedings of the Madras Government, Public Works Department,
16th October 1873.*

	Rs.
2 Hut-wards	634
2 Privies and two bath-rooms	206
Additional compound wall	230
Compensation for additional land required	50
Total...	1,120

which is sanctioned, and funds provided from the Reserve under Military.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the District Engineer, Vizagapatam.
,, Inspecting Engineer for Buildings.
,, Officiating Controller of Public Works Accounts.
,, Military Department.

Exd. S. T. Austin,
Spare Copies.

District Engineer's Office
Waltair 21st January 1873

No 251.

From

The District Engineer
Vizagapatam

To

The Secretary to Government D.P.W.
Madras

Sir

As directed in G.O. No 3004 of 18th ultimo, I have the honor to submit for the sanction of Government a plan and estimate for infectious disease hut-wards, to be constructed at the Native Infantry Hospital of Vizagapatam.

2 I have provided a tiled roof as the New Hospital is near a portion of the native Town, and thatch would consequently be a source of danger in case of a fire in the neighbourhood.

I have the honor to be
Sir

Your most obdt. Servant.

W. Beatty. Major P.E.
District Engineer Vizagapatam

Referred to the Inspecting
Engineer for Buildings with a request
that he will ascertain personally from
the Inspector General I. Medical Dept
what plan of huts he would approve
of standard, that submitted not
being appropriate -

Fort St George

30th Jan'y /73

W. H. Allen Col MR
Chief Engr BWS

P.

Inspr Engr for Buildings
with 40 3006 of 10 Dec/72
+ 1 Estt + 2 plans -

No 18 December 72 No 370
1873

P. W. 1873 Report
From
No 562.
The District Engineer
Vizagapatam

To
The Secretary to Govt. of
Madras

Dated 21st January 1873
Dec^r 28th No 257

Submitting plan
and estimate of hut wards
for infectious diseases at
the Native Infantry Hos-
pital Vizagapatam.

P. W. 5209/73-
No 30 Report 73.

Office of the Inspecting Engineer
for Civil & Military Buildings
Chepauk 22 September 1873
No 1157

From
Colonel E. A. Ford R.E.
Inspecting Engineer for
Civil & Military Buildings

To
Colonel G. W. Walker R.E.
Chief Engineer
D. R. W.

Enclosures 8

1 Endorsement
from the Chief
Engineer dated
30th January 1873
with
3 Enclosures.

2. Plans. containing
1 Specification
1 Estimate.

With reference to your endorse-
ment dated 30 January on a letter
from the District Engineer of Vizag-
apatam I have the honor to forward
a revised estimate of Rs 1120 ac-
companied by plan and specification
for constructing hut wards with out-
houses for infectious diseases at the
new Native Infantry Hospital at
Vizagapatam.

The plan has been prepared
from a sketch which I forwarded
to the District Engineer, the dimensions
in

in which has been approved by the
Inspector General of the Indian
Medical Department.

The roofs are to be thatched
and the space between the pillars
are to be filled with bamboo matting
and the doors and windows are to
be of the same material. The floor
is to be of sand. The tops of the pillars
supporting the roof are to be of brick
in Chiquian and the rest of stone of
hard. In some situations stone or
wooden posts or angle iron might be
used for supporting the roof.

I have the honor to be,

Your most obedient servant

Edw. M. Cole

Inspecting Engineer for

Civil & Family Building

P.O. 1843 Depart
Jenn Sh: 5209.
The Inspecting Engineer
for Buildings
The Chief Engineer
1891.

N^o 1157

Date 20th Sept 1893
Recd 22nd Sept 1893
Recd 23rd Sept 1893

Surd. 8.

Forward with
certain information
a revised estimate of
Rs 1120 for construct-
ing hut wards with
outhouses for infec-
tious diseases at
the new N. S. Hos-
pital at Vizag-
apatnam -

N^o 2533-18th Dec/93.

Os 248

Recd to Col 22/11/93

Estimate No. of 1872-73.

Revised Abstract Estimate of the probable cost of constructing
Hut wards, with out houses, for infectious Diseases, at the New
Native Infantry Hospital, Viragapattam.

Quantity	Particulars of work	Rate	Amount	Total
I. Hut Ward				
35 $\frac{13}{16}$	Cyds. of rough stone in mud	13. Cys.	29 2 9	
16 $\frac{2}{3}$	Do of brick in clay	2 ..	33 5 4	
2	Do of Do in chunam at top of pillars	2 14 ..	5 12 ..	
10.44	Sqrs of plastering with chunam and whitewashing	2.6 ..	24 12 8	
44 $\frac{4}{9}$	Sqrs of walling with double bamboo mats	4 ..	11 1 9	
20.16	Do of roofing with bamboos, jungle wood rafters, palmyrah leaves, and nara &c. complete.	3.4 ..	65 8 3	
33.41	Cft. of country wood wrought and put up for bressummers & hips &c.	1 8 ..	50 1 10	
18	Do posts for Verandah	2.6 4 each	43 2 ..	
2	Country wood couples with collar braces	5 .. each	10 ..	
10.88	Sqrs of flooring with sand well rammed	4 ..	2 11 6	
2	Splitting bamboo door	1 8 .. each	3 ..	
6	Do windows	1 ..	6 12 ..	
	Excavating foundation		3 ..	
			288 6 1	

Contingencies and Superintendence 10 28 9 11
 Total for one Hut ward 317
 82 - Two 82 - 82 634

Privy

Cyds. of rough stone in mud 13 Cyd. 3 27
 3.83 82 of brick in clay 2 82 6 28
 0.20 82 of 82 in chunam to top of pillars 2 4 82 9 5
 3.09 82 of plastering with 2 coats chunam and whitewashing 2 6 82 7 55
 2 1/2 82 of walling with double bamboo mats 4 5 54
 0.84 82 of flooring with sand well rammed 4 82 3 4
 3.10 82 of roofing with bamboos jungle wood rafters, palm-leaf leaves and nara &c. complete 3 4 82 10 12
 4.93 Country wood wrought & put up 1 8 82 7 63
 2 82 - wood couples with single 1 8 82 3
 collar beam 1 8 82 3
 1 Splitted bamboo door 2 82 82 8
 3 Splitted bamboo windows 2 82 82 8
 Excavating foundation 6 0 0

Contingencies & Superintendence 10 47 4 2
 Total for one Privy or Bath room Rs. 51 8
 82 - Two Privies and Two Bath Rooms 206

and removing part of the wall already built

24 5/9 Cyd. of concrete work 1 8 82 36 13 4
 81.23 82 of rubble masonry in chunam 1 12 82 142 2 5
 8 7/27 82 of brick work in chunam to coping 2 14 82 23 8 6
 6.63 82 of plastering with 2 coats of chunam to coping 2 6 82 15 11 7
 Excavating foundation 4 0 0
 222 3 10

Contingencies & Superintendence 10 22 12 2
 245 0 0

Removing the compound wall colored purple on the plan 5 0 0

Deduct probable value of 80 Cyd. of rough stone that may be available from demolishing the wall colored purple on the plan 20 0 0
 Total Rupees 230

Compensation for the additional land required 50 0 0

Grand Total Rupees 1120

District Engineer's Office
 Waltair, 25th July 1913

ca mnd lollab to
 Jmtg to Engineer for Building
 P. Beatty, Major P.E.
 District Engineer
 Vizagapatam

Specification to accompany Plan and
 Estimate for constructing Hut wards with out-
 houses for Infectious Diseases at the new Native
 Infantry Hospital Vizagapatnam.
 Amount of Estimate Rs. 1120-

Concrete Work. To be 1 foot thick below the foundation
 of additional compound wall and project six
 inches on either side of the bottom of the foundation)

Rubble Masonry. All the foundation and upper walls of
 the additional compound wall are to be of
 rough stone in chunam.

Rough stone in mud. The foundation and basement of wards,
 bathroom, and Privy of Infectious diseases wards
 are to be of rough stone in mud

in Chunam. The tops of all pillars are to be of brick in
 chunam, built to a depth of 1 1/2 ft over the brick in
 mud to keep out the white ants. The coping of the
 compound wall is also to be of brick in chunam.
 All

—Vizagapatnam Distt—

Enclosure in a letter to
 1157 22/10/1909

P.M. 5209/73

Received at the

made of constructing Hut
 wards with out houses for
 infectious Diseases at the
 new Native Infantry Hos-
 pital at Vizagapatnam
 Estimate Rs. 1120-

All the pillars, basement and Plastering and
coping of the compound wall are to be whitewashing
plastered with two coats of chunam and
white washed.

The compound wall will be pointed
with chunam.

The floors of wards, bathroom and privy are Flooring with
to be coated with sand well rammed. sand.

The roof to consist of jungle wood Roofing
rafters, bamboos, palm-leaf leaves and
nara, resting on country wood couples
with double collar braces.

Verandah posts, bressummers, Wood work
wall plate and hip rafters are to be
of country wood.

To be of double bamboo mats Walling between
kept together by half bamboos on pillars
either side firmly tied.

To

Doors and windows.

To be of double bamboo mats kept
together by half bamboos on either side
firmly tied.

District Engineer's Office
Malkajgiri 25th July 1938

W. Beatty. M. A. R. E.
District Engineer
Malkajgiri.

At

Vizagapatam Distt.

Enclosure in a letter No
1157 D^d September 1873

P.W. 5209/73.

Specification to accompany
Plan and Estimate for
Constructing Hutwards
with out houses for Infec-
tious Diseases at the
new Native Infantry Hos-
pital Vizagapatam—

Amount of Estimate Rs 1120

Estimate No 54 of 1873-74

Abstract Estimate of constructing Wards for Infectious
diseases, at the New Native Infantry Hospital Vizagapa-
tam called for in G.O. No 3004 of 18th December 1872.

Quantity	Particulars of Work	Rate	Per Item	Amount	Total
244 $\frac{4}{9}$	Cubic yards of roughstone in mud including plastering with mud and whitewashing washing with 2 coats of chunam.	13.6	Cyds	206 4.	
12 $\frac{1}{3}$	Cyds of rubble masonry in chunam to sides of doors and windows	14.		23 2.	
8.25	— of brick arch work in —	4 12.		37 3.	
30	— of concrete work to flooring	1 8.		42 15 3.	
31.68	Sqrs. of roofing with palmyrah raf- ters reapers nails and pan tiles	13 8.	Sqrs	427 10 10.	
54.83	Cft. of country wood wrought & put up	1 8.	Cft.	82 3 10.	
16	Sqrs of tarring the wood work and palmyrah rafters & reapers	1 4.	Sqrs	20 . . .	
8	Pairs of country wood batten door with frames and iron fix- tures &c Complete (3x6) inside dimensions	10 . .	each	80 . . .	
6	— — — windows with — — — (3x4) inside dimensions	6 8.		39 . . .	
8	— — — — — 2 $\frac{1}{2}$ x 3 $\frac{1}{2}$ for verandah rooms	4 8.		36 . . .	
Carried Over				998 3 8	

Brought forward		998	38
Excavating foundation & filling in		7	8
Country wood couples with double collar pieces	10	40	
		5	11
		1049	12
Contingencies & superintendence	5	50	44

Total Rupees 1104

Engr. Engrs Office
Waltair
14th January 1873.

M. W. Hinde, Captain
Executive Engineer
Vizianagaram Range

J. Beatty, Major R. E.
District Engineer Vizianagaram

For 1868
Estimate No 54 of 1873-74
1/13/73.

No II or Vizianagram
Range 1/44/73

Military

New Works.

P.W. 5299
Constructing Wards

for infectious diseases
at the New Native -
Infantry Hospital

Vizagapatam called
for in G.O. No 3004 of
18th December 1872.

Abstract Estimate
Rs. 1100

No 2533
Public Works Dept

Proceedings of the Madras Govt

Read the following
From the St. Insp. Vizagapatam (H.E. No 251 of 1 Jan 73)
The Inspecting Engineer
for Buildings (H.E. No 115 of 20th Sep 73)

The Plans of Hut
wards and out offices
now submitted are
approved. The cost of
adding such buildings
to the accommodation
already provided
for the Native In-
fantry Hospital
at Vizagapatam is

299

299

follows: 1885

2 Hul. Wards ——— Rs 604. 1930
2 Privies and 2 Bath Rooms " 206

Additional compound wall " 230

Compensation for additional
land required } 58

1120

which is sanctioned
and funds provided
from the Reserve
under Military.

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of 1873 Madras
PUBLIC WORKS.

To The District Eng.
Vizagapatam

Dated

Recd.

Encl. 8.

G. O. ~~1st~~ ^{2nd} No. 2533.

No. 2489249

in St. J. Hospital at
Vizagapatam. Plan

est. of Rs. 1120 for hut
with out houses
The new hospital,
tinned.