

(1) Number of pages 2
(2) Date of repair _____
(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. <u>160</u>	Press Mis. _____
Dated <u>78</u> - <u>1</u> - <u>1877</u>	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
18th January 1877. No. 160.*

No. 312. Read the following letter from Major T. E. TENNANT, Inspector-General of Jails, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 29th December 1876, No. 301 :—

At the request of the District Engineer, Vizagapatam, I have the honor to submit, for the sanction of Government, the accompanying plan and estimate amounting to Rupees 1,395, prepared in accordance with instructions contained in G.O., 7th August 1876, No. 2,033, Public Works Department, for the construction of quarters for the Hospital Assistant attached to the Zillah Jail at Vizagapatam.

No. 313. ORDER THEREON, 18th January 1877, No. 160.

CIVIL WORKS, No. 20.

(a) *Heads of Service.*—Provincial.
Fund.—Ordinary.
Class.—Original Works.
Main-head.—Civil Buildings.
Sub-head.—E, Prisons Department.
Section.—II, District Jails.
Name of Work.—Constructing quarters for the Hospital Assistant attached to the Zillah Jail at Vizagapatam.
Amount.—Rupees 1,395.
To be carried out by the Public Works Department.

The plan and estimate of Rupees 1,395 for constructing quarters for the Hospital Assistant attached to the Zillah Jail at Vizagapatam are sanctioned.

2. There are no funds available for the work in 1876-77.

3. This sanction is registered as Provincial No. 215—W. of 1876-77.

(True Extract.)

Major-General, R.E.,
Secretary to Government.

To the District Engineer, Vizagapatam.
" Examiner of Public Works Accounts.
" Judicial Department.

Exd. S. T. Austin.
Spare Copies

4490

DEPARTMENT

Provincial
Original WORK:
Civil buildings
Prisons Department
Miscellaneous

Abstract Estimate No. 211

Vizagapatam

DISTRICT Vizagapatam.

WORK.

Constructing quarters for the Hospital Assistant attached to the District Jail at Vizagapatam.

Quantity or Number.	Description of Work.	Rate.	Per Item.	Amount.	Total.
98	Cyds of Excavating foundation & filling in basement	1	Cyds	6 2	✓
148 $\frac{5}{7}$	Rs of Rubble masonry	1	12	100	259 52 ✓
$\frac{5}{6}$	Rs of Brick work in Chunar	2	12	Rs	2 48 ✓
2 $\frac{1}{2}$	Rs of Flat arch work brick in Chunar	4	12	Rs	10 2 10 ✓
27.28	Sqrs of Plastering with 2 Coats of Chunar and white washing	2	6	Sqrs	69 87 ✓
5.38 $\frac{1}{2}$	Rs of Flooring with Cut Stone in Chunar laid over 3 inches Concrete	11	Rs		59 39 ✓
0.43 $\frac{3}{4}$	Rs of Asphalting the floor of privy with a thickness of 2 inches above 3 broken brick and 3 inches concrete	18	Rs		7 14 0 ✓
					4 4 90 ✓

14.10 Cys of Travelling the
Compound and flooring 8 Cys 2 211
the open shed

16.19 1/2 Cys of Roofing with Gault
wood rafters, keepers,
nails, flat and pantiles 23 Cys 372 79
Chunam borders 3/2
Complete including
ridge ventilators

44.26 Cys of Gault wood wrought
and put up 2 8 Cys 110 04

4 Pairs of teak wood batten
doors (3x5) outside dimen
sions including hinges 16 each 64
(11x1 1/2 x 1/2) bolts (7x1 1/2 x 1/2) hooks
(16x 1/2 x 1/2) Complete

2 Locks with iron box
despatched with keys to
above doors 3 0 6

2 Country wood batten door
with single shutters (2x6)
Outside dimensions 10 0 20

2 Pairs of Teak wood windows
(3x4) outside dimensions 10 each 20
Painting with wood oil 5
to doors and windows 10 14 14

Petty Supervisions 6 each 64 14 6
Sundries 1 0 10 10
Contingencies 8 0 4 6 6

Total Rupees 1095 1095

Add Compensation to be paid for site

7 Shuts 10 each 70
1 7/10 Acres of land 188 230
Total Compensation 300 300

Grand Total Rupees 1395

District Engineer's Office
Wallair
25 October 1876

Major R.E.
District Engineer
Vingapatam.

5/1/77

7883

Revised

Attached Estimate
for Constructing an
Hospital Assistant's
Quarters at the Tillak
Jail Vizagapatam
Estimate Rupees 1395

Specification to accompany Plan and
Estimate for Constructing Quarters for the
Hospital Assistant attached to the Tillak Jail
at Vizagapatam.

Amount of Estimate Rupees 1395

Excavation The trenches of foundations to be dug to the
dimensions shown in the Plan or Estimate
unless it is found that the special circumstances
require these dimensions to be deviated from.

Rubble masonry The foundations, basement and super-
structure of the building are to be built with
rough stone in Chunam. Chunam to consist
of 2 clean sharp sand 1 part of well slaked
lime, through bond stones to be inserted at
distances of three feet.

Brick work Square brick pillars are to be built of
in Chunam) well burnt bricks 9" long 4 1/2" inches broad and
2 1/2" inches thick in English bond with mortar
composed of 1 part of well slaked lime and 2
parts of clean sharp sand well beaten or
pounded by hand.

Flat Arches Flat arch work over doors and windows
are to be built of well burnt bricks in fine

Chunam composed of 2 parts of lime and 2 parts of brick dusts.

1. Curbstoning The curb of 3 inches thick laid in floor perfectly horizontal dressed with squares joints and resting upon a prepared floor of 3 inches concrete composed of 1 part of lime 2 parts of sand and 5 of broken bricks laid upon rammed earth & to be pointed with fine Chunam composed of 2 parts of lime and 2 brick dusts; joints which should not be more than one quarter inch broad.

2. Asphalting to Driveway

The ground for receiving the asphalt is to be levelled well watered, and rammed, a levelling course of broken bricks 3 inches thick is then to be laid down and on this 3 inches of brick or stone concrete, composed of 1 part of lime 2 parts of sand and 4 of small broken stones which is then to be well beaten down with wooden beaters and allowed to get perfectly dry before any attempt is made to lay the asphalt. The asphalt is then laid on the surface $\frac{1}{2}$ inch thick; the surface to be covered with some very fine dry sand and rubbed well with the wooden rubbers until it becomes perfectly

even.

3. Gravel floor?

The open shed and the yard to be filled with earth well rammed and overlaid with 4 inches fine gravel and to be well beaten down with wooden beaters. The surface to drain off through holes left in the enclosure wall.

Plastering All the exposed surfaces of the building are to be plastered with 2 coats of Chunam.

The plaster to consist of 1 1/2 Clean sharp sand and one of well slaked stone lime. Before laying the first coat the wall to be trimmed with trowels and well saturated with water. After the first coat has dried, the second coat can be laid on and well rubbed until cracks or other inequalities disappear from the surface.

Whitewashing The walls to be whitewashed with wash composed of 1 1/2 parabs of white washing Chunam and one seer of raw rice which should be boiled and the rice water to be used. The whole to be used for 10 squares by two coats.

Wood work All the wood made use of shall be sound well seasoned saulwood and free from all cracks and flaws or any other defect; and

of scantling such as is laid down in the
Estimate and shown upon the Plan.

The roofs with ridge ventilator to be
Composed of Sautwood rafters, resting on
purlins, keepers, nails, flat and pantiles
(of the dimensions shown in the Plan or
Estimate) Chunam borders &c. Complete.
The rafters should be placed 18 inches apart
from Centre to Centre, and the keepers to be
of 6 inches apart from Centre to Centre.

There will be 24 pairs of teakwood
batten doors to the main rooms and 2 teak
wood batten windows one for each room.
2 Country wood batten doors one for King
a other for the Compound wall the above
in doors and windows are to be made to the
h dimensions shown in the Plan or Estimate.
h Locks with iron box despatch with keys
to be provided only to the doors in the main
building.

All the iron works such as hinges
& bolts, hooks &c is to be plunged while red
hot into tar before fixing. Hinges and
bolts are to be made to the dimensions
given in details.

Painting

All the doors and windows and
breassumers &c are to be covered with
three coats of wood oil. During the
process of the work a day or two must
be allowed for the first two coats to
dry and before the third or finishing
coat is laid on. No hairy marks from
the brush should be left on the work
or puddles in the corners of panels
angles of mouldings &c.

On Completion of the work all
rubbish to be cleared away and the
premises to be left in a Clean Condition.

Eng's Office

Walhair

October 1876

col. M. &c

Amroth

Major R. E.

District Engineer

Coimbatore

Therment
Hospital of India
Mussur 29

NO. 1904



Vizagapatam District Engineer's Office

From

The DISTRICT ENGINEER
VIZAGAPATAM

To

The Inspector General
of Rails
Madras

Sir,

With reference to your letter no. 5593
dated 5th instant, I have the honor to observe
that the Plan and Specification for the construction
of Quarters for the Hospital Assistant
have not been countersigned by you. I re-
transmit them herewith, and request you will
be good enough to submit them to Government
for sanction with your countersignature.

I have the honor to be
Sir,
Your most obedt. Servt.
Major R. B.
District Engineer, Vizagapatam

7882

Specification to accom-
pany Plan's Estimate
for Constructing and
Equipping Quarters
for the Hospital Assistant
at the 2nd Madras
Rail Station, Vizagapatam.

Estimate Paper 1895.

15
No 301/71

Madras 29th December 1876.

From

Major J. E. Tennant

Inspector General of Sails

To

Major Genl. G. W. Walker R.E.

Secretary to Govt. P. W. D.

Fort Saint George.

Sir,

At the request of the District Engineer, Vizagapatam. I have the honor to submit for the sanction of Government the accompanying plan and estimate amounting to Rs. 139⁵/- prepared in accordance with instructions contained in Government Order, 7th August 1876. No. 2033.P.W.D. for the construction of quarters for

the

from

The District Engineer

Vizagapatam

29th December 1876

To

Major J. E. Tennant

Inspector General of Sails

Fort Saint George.

Major Genl. G. W. Walker R.E.

Secretary to Govt. P. W. D.

the Hospital Assistant attached
to the Zillah Jail at Vizagapatam -

I have the honor to be
Sir

Your Most Obedient Servant

Alexander
Inspector General of Jails

Go to 2033-97 Aug 4/77

From
The Inspector General
of Sails
To The Secy. to Govt.
G. P. M. S.
Fort St. John's
Gated 29th Decr 1876.
Recd. 30 Decr 1876.
1877.
Submits for sanction
of Govt. Plan and
estimate amounting
to Rs. 1395 for con-
structing hospital
apts quarters at
Vizagapatam

(a) Heads of Service— Provincial
Fund. Preliminary
Class. Original Works
Main-head. Civil Building
Sub-head. C. Prison Department
Section. II. District Jails -
Name of Work. Constructing quarters for the As-
sistant attached to the Zillah Jail at
Vizagapatam
Amount. Rs. 1395
To be carried out by the P. W. Department.

Print in the margin of G.O. No. 1600 of 18/1/77 -

No. 160 P. W. Dept
Proceedings of the Madras Government
Under date the 18 Jan 77
Read the following:-

From
The Inspector General
of Police } (P.W. No. 301 of 29 Decr 76)

The plan and estimate
of Rs. 1395 for constructing
quarters for the Hospital
Assistant attached to the
Zillah Jail at Vizagapatam
are sanctioned.

2. There are no funds
available for the work in
1876-77.

3. This sanction is registered
as Provincial No. 215 W of
1876-77 -

S. S. Vizagapatam
P. W. Accts.
J. L. Dept.

Drpd - 27-1-77

W. H.
12.1.76.

G.O. No 2033-97 Aug 4/77

Submits for sanction
of Govt. Plan and
estimate amounting
to Rs. 1395 for con-
structing hospital
apts quarters at
Vizagapatnam

Dated: 29/11/76
Recd: 3 Dec 1/76

From
The Inspector General
of Sails
To The Secy to Govt.
G. P. O.
Fort St. John's

(a) Heads of Service— Provincial
Fund. Preliminary
Class. Original Works
Main-head. Civil Buildings
Sub-head. C. Prisons Department
Section. II. District Jails -
Name of Work. Constructing quarters for the As-
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The Inspector General
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1876-77 -

Sd/- Vizagapatnam
P. W. Dept.
J. L. Dept.

Drpd - 27-1-77

W. H.
12.1.76.

Govt. of 1877 Madras.

PUBLIC WORKS.

To

The B. P. Vengapalan

Dated

Issued

Recd.

Encl.

G. O. 18th Jan^y 1877, No. 107

Nos. 312-313 -

Quarters for the Hospital
Assistants attached to the
General Jail at Vengapalan
Estimate of Rs 1395 for con-
struction —

For B. P. V.

11/13-17

11/13-17