M.R.O. 1—97,905—9-6-37.

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Reference_____

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 523 Press Mis.

414-15

Dated 21-2- 1867.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
21st February 1867.

Read the following papers:—

No. 414. From the Superintending Engineer, 4th Division, to the Secretary to Government, Public Works Department, dated Madras, 14th February 1867, No. 4,477.

1 Plan.
1 Abstract Estimate.
1 Specification.

1. I have the honor to submit, for sanction, plan and an estimate amounting to Rupees 15,940, for extending the Store-shed at the Public Works Stores in prolongation of the present Smithy and Carpenter's shops.

2. The object and necessity of this extension is so well known to yourself, that it would be superfluous if I were to enter into any further detail, as you will be able to inform the Government more fully about it than I can.

No. 414A. *Memorandum by the Officer in charge of the Store Department.*

1. The building lately erected at Chepauk for the Public Works Stores and Workshops has its ground plan arranged to form three sides of a rectangle. The front, which is upper-storied, faces the east, and from it two wings retreat at right angles, on the north and south sides respectively. To the west it was left open, to admit of the extension of the north and south wings, if found necessary. The north wing and the northern half of the east front were appropriated as Workshops, the remainder being set apart for the stores.

2. Experience has already shown that due allowance was not made for the development of the Workshops and for the demands upon them which have been made from all parts of the Presidency, and it is clear that more space is required in order to insure the punctual execution of orders. At present the ground-floor of the north half of the east front is used as the machinery room, the upper-story being occupied by the Mathematical Instrument Maker's department, a portion of it being screened off for the accommodation of the Stores' and Workshops' Office Establishments. The space available for the machinery has especially proved quite inadequate. The room is at present crowded with machines, all of which are in almost constant use, and many others, which are essential to the efficiency of the Workshops, cannot be set up for want of space. The arrangements in the upper-story have also proved faulty. The position, owing to the vibrations of the engine in the room below, is unsuited to the delicate work carried on by the Mathematical Instrument Maker's department, every instrument which requires adjustment having to be taken to some other part of the building for the purpose. Mr. Doderet also complains that the space at his disposal is not sufficient to allow of his executing all the work which pours in upon him from every department of Government, and from every part of the Presidency.

3. In addition to the above defects, more space is required for the accommodation of the general stores of the department, and it seems probable that the stores of other departments will also be lodged at Chepauk.

4. These are the chief objections to the present arrangement, and to meet them and other minor difficulties, the following changes have been proposed after full consideration.

5. The whole of the north half of the east front to be given up to the machinery, the lighter machines only being placed in the upper story, where they could be worked by the same engine which now works those in the lower room.

6. The Mathematical Instrument Maker's Workshop to occupy the south upper-story of the east front, which is now occupied as a store-room for the mathematical instruments. This arrangement would give Mr. Doderet more room, and would remove him from the neighbourhood of the machinery.

7. The mathematical instruments to be stored in the room immediately below that alluded to in the last paragraph, viz., in the south ground-floor of the east front, a portion of which can be easily set apart to accommodate the Office establishments.

8. The north wing to be extended 184 feet, as shown in the plan prepared by the Executive Engineer, the extension to be used as a store-room for the larger articles of machinery which are at present kept in the south lower-story of the east front, and to provide the additional accommodation at present required for the general stores of the department. The estimated cost of the extension is Rupees 15,940.

9. The foregoing arrangements will satisfy existing wants, but as the operations of the Workshops become more developed further additions to the buildings will doubtless be necessary, and it is probable that an extension of the south wing, corresponding with what is now proposed for the north wing will ere long be required. As has been already mentioned these extensions were contemplated when the building was designed.

No. 415. ORDER THEREON, 21st February 1867, No. 523.

CIVIL WORKS, No. 62.

1. As it appears from these papers that an extension of covered accommodation for the safe custody of the machinery and stores of the Public Works Department at Chepauk is urgently required, the Government approve of the proposed extension of the northern wing of the building lately erected for the Presidency Stores and Workshops, and sanction the estimate of Rupees 15,940 in anticipation of the confirmation of the Government of India.

2. Colonel Boileau will proceed with the work at once, and make provision for the current year's outlay in his final Statements of Savings and Demands which should be submitted at an early date.

3. The Government will grant funds from the Reserve of 1867-68 for the continuance of the work during that year.

(True Extract.)

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

To the Superintending Engineer, 4th Division, with Plan, Estimate, and Specification.
" Controller of Public Works Accounts.
" Accountant General.
" Office in charge of the Records.

Exd. S. T. Augustin.

Memorandum.

The building lately erected at Chepauk for the Public Work Stores and Workshops has its ground plan arranged to form three sides of a rectangle. The front which is rather elevated, faces the east, and from it two wings project at right angles, on the north and south sides respectively. To the west it was left open, to admit of the extension of the north and south wings, if found necessary. The north wing and the northern half of the East front were appropriated as Workshops, the remainder being set apart for the Stores.

Experience has already shown that due allowance was not made, for

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the development of the work [illegible]
and for the demands upon [illegible]
which have been made [illegible]
parts of the Premises [illegible]
is clear that more space [illegible]
required in order to secure the
punctual execution of [illegible]
present the ground floor of the
North half of the said premises
to be used as the Workshop
by the Mathematical Instrument
Makers Department, a portion
of being screened off for the
accommodation of the Standard
Workshop. Office Establishment &c
The space available for the ma-
chinery has especially proved
quite inadequate. The room is at
present crowded with machines, &c

of which are in almost constant use,
and many others, which are essential to
the efficiency of the workshops, can-
not be set up for want of space. The
arrangements in the upper storey
also proved faulty. The position,
owing to the vibrations of the Engine
in the room below, is unsuited to
the delicate work carried on by the
Mathematical Instrument Makers'
Department, - being [illegible]
which requires a position having
to be taken to some other part of the
building for the purpose. [illegible]
Mr Deard also complains that the
space at his disposal is not sufficient to allow of his executing
all the work which comes upon
him from every Department of
Government and from every part

of the Residency.

In addition to the above objects, more space is required for the accommodation of the General stores of the Department, and it seems probable that the stores of other Departments will also be lodged at Chepauk.

There are the chief objects to be present arranged, and to meet them and other minor objects the following changes have been proposed, after full consideration.

The whole of the north half of the east front to be given up to the machinery, the lighter machines only being placed in the upper story, where they could be worked by the same engine which now works those

in

in the lower room.

The mathematical Instrument Maker's workshop to occupy the south division of the east front, which is now occupied as a store room for the mathematical instruments. This arrangement would give Mr. Dodert more room and would remove him from the neighbourhood of the machinery.

The mathematical instruments to be stored in the room immediately below that allotted to him the last floor, viz. in the south ground floor of the east front, - a portion of which can be easily set apart to accommodate the Office establishments.

The north wing to be extended

extended 18½ feet, as shown in the plan prepared by the Executive Engineer.- the extension to be used as store room for the large articles of machinery which are at present kept in the South lower Storey of the east front, and to provide the additional accommodation at present required for the General stores of the Department. The estimated cost of the extension is Rs: 15,940.

The foregoing arrangements will satisfy existing wants, but as the operations of the workshops become more developed further additions to the buildings will doubtless be necessary, and it

is

is probable that an extension of the South wing, corresponding with that now proposed for the north wing will in time also be required. As I have already mentioned these extensions were contemplated when the building was designed

H.

Letter Book Dept

No 523

Proceedings of the Madras Government

Letter dated the 21st February 1805

Read the 5th March 1805

Extract Letter from

the Secret Dept

Dated the 5th February 1805

Received

Extract Letter from the Secret Department dated the 5th February 1805

Paragraph 1st

Extract of a

and Richardson, and
convey the Estimate
of £ 15,940 in con-
sideration of the con
veyance of the Work
of Excise.

2. All Bailiffs
will proceed with the
work as per Specifi-
cation & Agreement of
Surveyors and Overseers
which should be sub-
mitted as early as
may be for the Board's
Approval.

3. The Estimate will
not cover Extra
Works or Alterations
(Clause

(Clause 19 1867/68 p
the Contractors of the
work during Wet weather

7.
The Engineer to note on plan the explanation
Controller
Asst Controller
Officer in charge of Foreshore

Accepted 22/2/67
15/2/67

Pub: for the Dep.t Superintend.

Pres.t of Govt. for February

£ 5203

Pres.t the Standing Govt.

21st February 1867

Estimate of
£ 15,940 for the extraordinary
of the maritime army of
U. S. States and Fortifications
at the Presidency, sanctioned
per Anticipation of the approved
of the Govt of India.

£ 1,18,245

£ 220 Magistrate?

£ 300 Judge?