2. Date of Return.
3. Initials of Peterson

M.R.O. 1—38,000—16-10-56.

MADRAS RECORD OFFICE.

Government of Madras.

Public Works **DEPARTMENT.**

Cons. 6.10.57

G.O. No. 1884 Press Mis.

55 56

Dated 6— 10 — 19/57

Not to be folded or roughly handled

No. 55. Read the following letter from Colonel C. E. FABER, Chief Engineer; to H. FORBES, Esq., Acting Secretary to Government dated 25th September 1857, No. 4016.

SIR,

1 Letter from Garrison Engineer No. 358, dated 16th September.
1 Copies of correspondence.
1 Abstract Estimate.
1 Plan.
1 Report.
—
5
—

I have the honor to forward for submission to Government, a plan and estimate of works proposed for increasing the accommodation in the Laboratory of Fort Saint George, at a cost of Rupees (3,100) three thousand and one hundred, the commencement of which has been already ordered by the Right Honorable the Governor.

2. A report accompanies the estimate.

3. The rates are those commonly prevailing being moderate but sufficient.

Letter from Captain H. W. RAWLINS, Garrison Engineer; to Colonel C. E. FABER, Chief Engineer, dated 16th September 1857, No. 358.

SIR,

Agreeably to the orders of the Right Honorable the Governor, as conveyed to me in the annexed copy of communication from the Town Major Nos. 2732 and 2952, dated 26th August 1857 and 12th September 1857, I have the honor to forward the accompanying Plan and Estimate with Abstract amounting to Rupees (3,300) three thousand and three hundred, for work as per margin.

Making certain additions for increasing the accommodation of the Laboratory in the Fort.

Para. 2. This work was commenced upon emergency and is now under execution.

Letter from Captain T. THOMPSON, Town Major; to Captain H. W. RAWLINS, Garrison Engineer, Fort Saint George, dated 12th September 1857, No. 2952.

SIR,

I have had the honor to submit your Plan forwarded in reply to my letter No. 2732 of the 26th Ultimo, and have been directed to convey to you the sanction of the Right Honorable the Governor to the proposed accommodation for the Laboratory purposes, estimated by you at 3,300 Rupees.

2. The Plan and Estimate are herewith returned.

Letter from Captain T. THOMPSON, Town Major; to Captain H. W. RAWLINS, Garrison Engineer, Fort Saint George, dated 26th August 1857, No. 2732.

SIR,

In forwarding the accompanying letter from the Inspector General of Ordnance and Magazines, No. 2963 of the 12th Instant, I am directed by the Right Honorable the Governor, to request you will be so good as to forward me a Plan and Estimate of any temporary shed or other accomodation, you can conveniently erect in the vicinity of the Laboratory, without if possible interfering with the works at present carried on in that Establishment. Under the impression that you will have no difficulty in erecting a shed sufficiently large and close for the purpose now required by the Inspector General, you are authorized to commence on the works in anticipation of sanction through the regular channel hereafter.

I am to inform you that this matter has been submitted to the Commandant of Engineers and that he sees no objection to a shed being put up in room of the present Eastern Ramp close to the Laboratory

Fort Saint George, Public Works Consultation of 6th October 1857.

Letter from Lieutenant Colonel G. BALFOUR, Inspector General of Ordnance and Magazines; to Captain T. THOMPSON, Town Major, Fort Saint George, dated 12th August 1857, No. 2963.

SIR,

I beg you will bring under the consideration of the Right Honorable the Commander in-Chief of Fort Saint George, my suggestion to provide additional rooms for making up Laboratory Stores within the Fortress. I think that the means for working a Laboratory within the Fortress should be independent of those available at Saint Thomas' Mount, I do not intend by this suggestion to say that, I should bring in within the Fortress all the Laboratory Establishments from Saint Thomas' Mount, but I wish to be prepared for all contingencies, by providing more space for Laboratory work within the Fort, and I should hope that, on a careful examination of that part of the Fortress where the Laboratory room is situated, it might be found practicable to extend the present accommodation without affecting the strength of the Fort or withdrawing any space at present needed by other Departments.

2. I much wish to extend the manufacture of Ball Ammunition for the Rifle Musket as there is not space at Saint Thomas' Mount and it will be some time before I can expect to find out Station Arsenals prepared to make up this kind of ammunition; the demands for which will be great, on the Troops arriving from Home, all armed with new Rifles.

3. The spare Percussion Cap Machinery having been returned to the Arsenal from Saint Thomas' Mount, it might hereafter become a question about making up Percussion Caps in the Laboratory of the Fortress; Percussion Tubs for the Ordnance might also be prepared within the Fort, at all events, the means of preparing all kinds of Laboratory work should, in my opinion, exist within the Fortress; the danger from this kind of work, with suitable accomodation, is not great excepting as to the loss of time, which, however lamentable, extends generally to a few persons and may occur without risking the safety of the Fortress. An urgent demand may arise for Laboratory Stores, and then it would be necessary to work both the Mount and Fort Laboratories and with facilities for providing for wants a diminution of the stock of Laboratory Stores may be effected, and in this is true effeciency as regards this description of composition, so liable to deteriorate from long storing.

No 56.

ORDER THEREON, No. 1881; dated 6th October 1857.

Ordered to be referred to the Military Department for consideration.

(Signed) H. TORRENS,
Acting Secretary to Government.

Report

Estimate for making certain additions for increasing the Accommodation of the Laboratory in the Fort.

Amount of Estimate Rupees 3100 Three Thousand and One hundred

Comprising the following items.

7586 Cft.	of Brickwork in Chunam	—	" 1 9½	Cft. 849 " "
108 Cft.	Circular arch work in Chunam	—	" 3 3	do 22 " "
24 Cft.	Flat Arch work in Chunam	—	" 2 9½	do 16 " "
45 Cft.	Cornice work in Chunam	—	" 3 "	do 9 " "
50 Sqft.	Terracing	—	19 2 "	Sft. 144 " "
165 do	Semitenaded proof	—	10 4 "	do 47 " "
200 do	Plastering	—	1 13 9	do 78 " "
175 do	Flooring with Cft. bricks	—	7 5 6	72 " "
	Excavating the foundation filling raising the ground	—		15 " "
	Cooly hire for Cutting and removing the Old Masonry, Ramp, Scarp wall and Mud and refilling the Earth & removing the Old rubbish &c.	—		350 " "
71 Cft.	Teakwood	—	1 13 "	Cft. 493 " "
1 Pair	Strong Circular batten Door with frame Hooks hinges & bolts &c. Complete	—		45 " "
60 Sqft.	Lining with teakwood pieces & Nails over the rafters of the roof	—	5 4 "	Sft. 21 " "
5 Pairs	Strong flat Batten Doors with frames hooks hinges & bolts &c. Complete	—	40 8 "	Each 81 " "
1 Pair	Strong Do — Do — Do	—		30 " "
3 Pairs	Batten window shutters with frames &c. Complete	—	18 " 9	do 36 " "
11 Pairs	Do — Do — Do — Do	—	11 13 "	do 24 " "
	Lining with planks over the Beams between the joists	—		10 " "
	Carried Over	—		2342 " "

Brought Over		2342 - -
Constructing a Large Skylight with Iron Frame Cornice with under Sashes Shutters &c. Breastsummers Sashes Panelled and glazed Shutters iron Straps & Hand work &c. Complete as per Plan		175 - -
Constructing a Small Go. with Co.		150 - -
1300 Superfe. Wood Cut & Coals	1 - 9½	12 - -
700 do. Rubbish & Coals	2 - 5 16 11	- -
Difference of price in 500 Cft. of Cabook between 4 and 2½ Cft. per Rupee Charged in the Sale at the rate of 4 the Quarrel		262 - -
Sundry Charges & Scaffolding &c.		111
Total Company Rupees		3100 - -

The additional Buildings for Fabrications to be raised on a Basement of 3 feet in average height above the Foundations which are to be sunk 2-4-4½ feet deep. The scarp & Counter walls 18 in. of the Terraced room to be 15½ feet & the walls of the Tiled room 10½ feet in height &c.

The Building is to Contain 2 Rooms.

1 Room of 30½ × 21 feet

1 — Do: — 21½ × 8½ feet

Admiralty Office of Ord.
Fort Saint George
25th September 1857.

Alex Taylor Colonel
Chief Engineer &c.

No. 4016

From, The Chief Engineer.

To, The Secretary to Government P. W. D.

Military

Sir,

I have the honor to forward for submission to Government, a Plan and Estimate of works proposed for increasing the accommodation in the Laboratory of Fort Saint George, at a cost of Rupees (₹ 100) one three thousand and one hundred, the commencement of which, has been already ordered by the Right Honora ble the Governor.

2 A Report accompanies the Estimate.

3 The Rates are those commonly prevailing, being moderate but sufficient.—

I have the honor to be,
Sir
Your most Obt Servant
W. H. Baker Colonel
Chief Engineer.

Central Office of Public Works,
Fort Saint George, 25 September 1857.

Enclosure in a Letter from the Chief Engineer to the Secretary to Government P. W. D. Dated 25th September 1857. Received

No. of Plans

Report on an Estimate for increasing the accommodation of the Laboratory in the Fort.

Rupees 2900.

Entered

Public Works Department
Cons: 6th Oct 57
No 1917

From The Chief Engineer

To The Secretary to Government
O. W. D.

Date 25th
Received 26th } September 18.

No 4016

Enclosures 5

Ex. My Dy No 12: Oct 57 6d.
2042 in 6 60

Submits for sanction for
execution an Estimate amounting
to Rupees (3100) three thousand
and one hundred for increasing
accommodation of the Laboratory
at the Fort — Vide ante under

No 55-856.

No 1884
Dated 6th Oct

Ordered to be referred
to the Military Department for
consideration.

Fort St. George
6th October 1857

Copies to the Orderly Depr. Dispr 7th
with 5 Enclosures