(1) Number of pages 26
(2) Date of repair 25.6.87
(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P. W. DEPARTMENT

G.O. No.
B.P. No. 1706 W
Press.
Mis.

Dated 18.6.1883 ~~195~~.

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Not to be folded or roughly handled.

Archives —I 10,006-9 80

18th June 1883, No. 1706 W., Public Works.

1706/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following letter from Lieutenant W. L. C. BADDELEY, R.E., General Superintendent, Public Works Workshops, to the Deputy Chief Engineer, Public Works Department, dated Madras, 16th May 1883, No. 215 W. :—

I have the honor to submit for sanction the following estimates :—

(1.) Abstract estimate of the cost of providing shelter for the steam fire engine (belonging to the Public Works Stores) lately received from England.

(2.) Abstract estimate of cost of sinking a well in the yard of the Public Works Stores and Workshops.

(3.) Abstract estimate of cost of repairing the engine-room lately used by the Public Works Workshops.

2. The first is necessary for the protection of the steam fire engine lately received from England, and to afford a place where everything connected with the engine can be stored, so that in case of fire there may be no unnecessary delay in starting the engine.

3. The well is necessary because the supply of Red Hills water in the year is too small to enable the engine to be worked to its full effect. There is a well 8 feet diameter on the west side of the Workshops, and from actual trial I think that a well would be the cheapest and best method of ensuring a proper supply of water for the engine in case of need.

4. The repairs to the engine-room are necessary to adapt it as a shop for the Mathematical Instrument Department, which at present is very cramped, and being connected with the office and Machine Shop is not as secure as it should be. The present Mathematical Shop I propose to use as an erecting shop for engines, &c., which work is now done chiefly in the open air at a considerable disadvantage.

Order—dated 18th June 1883, No. 1706 W., Public Works.

The following estimates are sanctioned :—

I. Providing shelter for the steam fire engine of the Public Works Stores, Rs. 290. Register No. 53 W. of 1883-84.

II. Sinking a well 8 feet diameter and 25 feet deep in the Public Works Stores yard, Rs. 750. Register No. 54 W. of 1883-84.

III. Repairing the engine-room of the Public Works Workshops, Rs. 2,131. Register No. 55 W. of 1883-84.

2. No specific appropriation of funds is necessary.

3. These sanctions have been registered as shown above and classified as Civil Buildings, the first and second under Original Works, and the third under Repairs.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the General Superintendent, Public Works Workshops, with three Enclosures.
" Examiner, Public Works Accounts.
" Superintending Engineer, Fifth Circle.

Exd. C. Howarth.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1883} Madras.

PUBLIC WORKS.

Dated June, 18th.

Recd. *Encl.*

G.O., 18th June 1883, No. 17[illegible]6 W.

JUNE.

Presidency Public Works Stores and Workshops

Estimates, amounting to Rs. 3,171, *for certain works connected with the* —, sanctioned.

1706/3

25th September 1882, No. 2488 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

No. 192.

Read—the following letter from Colonel H. L. PRENDERGAST, R.E., Superintending Engineer, Fifth Circle, to the Chief Engineer, Public Works Department, dated Madras, 13th September 1882, No. 2161 :—

Letter No. 1447, dated 7th September 1882.
" 1090, " 8th " "
Lists A, B, C, and D.
One Block Plan.

I have the honor to inform you that I have discussed with the General Superintendent of the Public Works Workshop your memorandum No. 628 of the 24th ultimo, and Lieutenant Baddeley has given me the enclosed papers on the subject of closing the workshops.

2. The first step has been taken, in the refusal to accept work except for the Public Works Department and with the exception of work in the Instrument Department. I have also recommended, in my letter No. 2118 of the 9th instant, that no work should be done after the 30th November for other departments.

3. The next point (paragraph 9 of Lieutenant Baddeley's letter) is that Public Works Officers should refrain from giving orders to the workshop. But I would say nothing about the cost of work, when the workshops are closed the market prices must be accepted, and I would call upon departmental officers to abstain from applying to the workshop generally, or unless they cannot get their requirements elsewhere. There may be some trouble, some delay and extra cost, but these drawbacks are inevitable.

4. There is work now in hand in the workshop, but as it will gradually fall off there can be a reduction made in the number of workmen, while at the same time the machinery can be kept in order. Lieutenant Baddeley considers that it is of much importance that the shops should not be altogether closed; so that on inspection it may be evident that the machinery is in working order.

5. The maintenance of a small workshop will (paragraph 10) be expensive in comparison with the small amount of work to be done. The details will require careful consideration, for it appears to me that when work is generally transferred elsewhere the rest may likewise follow. Still a small workshop will not cause any heavy expense: while at the same time it cannot be expected to be self-supporting. In paragraph 17, Lieutenant Baddeley represents the need of an instrument-maker and a shop for him to carry out repairs. I consider this is highly desirable: but yet in working out the principle of abolition, if the Revenue Survey Department can get

their instruments repaired elsewhere, the Public Works Department can do so also. There may however be a small instrument department maintained* with a small working shop without much expense.

6. As to reduction of establishment: this should be carried out on the general principle of reduction, such as took place in the Public Works Department recently: transfers being made where practicable. Care should be taken that in all cases three months' notice to quit should be given in good time. In fact, as a precaution, this had better be given to all employed in the workshops.

7. The list of buildings, A, gives the total cost of construction, Rs. 2,07,910. No allowance is made in these figures for depreciation. The value as a selling price will have to be considered before tenders for purchase or rent may be received.

List B is a valuation statement of machinery and plan, amounting to Rs. 81,464. This is the last valuation made nearly five years ago, and must therefore be considered as higher than the present price. It has also been stated lately by the General Superintendent that much of the machinery is old, so that it compares unfavorably in both make and cost with modern machinery. I allude to the reference made by the Superintending Engineer of the Second Circle as to defective parts and high cost of articles sent to the Kistna. Hence it must be expected that there will be offers of much less than book value.

List C gives a description of the nature of work done in the workshops: the value is entered in paper D.

The paper D is a draft notice, inviting tenders for purchase or hire of the shops.

8. A serious difficulty arises in the question of the future location of the stores and such minor working shop as may be retained. The machine shop and office rooms are in the main building, the instruments and valuable small stores are [illegible] upper-storey; while the heavy stores are in the separate building, called the store-shed on the block plan and the State Railway Stores are in the store-yard. The machine shop must go with the worksheds, and it is not possible to divide the main building so that a part might be kept for the Government Stores Department. Hence if an offer for the whole premises be accepted, the Government property will have to be removed and another place must be found. There are no Government buildings available, and therefore they must be built.

But in the event of no suitable offer being made, the present work-yard and buildings will remain on the hands of the Government, and as this cannot be considered an impossible contingency it will not do to incur the expense of constructing new buildings beforehand. I can only suggest that plans and estimates be made at once for future requirements, and that it be notified in the call for tenders that the premises can be taken over at a future date, say, after the 30th June or from such date as will allow of four months' interval, for the construction of the buildings.

9. The Public Works Stores must, it is presumed, be kept up (paragraph 13 to 15) and will require a store-shed, there must be an enclosed yard for heavy stores and the State Railway stores, there must be an instrument shop and workshop. The Government machinery stores can be left where they now are in a part of the old Mint premises. It is desirable that Sub-Engineer Francis should be available to look after the machinery at the General Hospital and the Guindy Water Works, and he might do so as a Sub-Divisional Officer under the Presidency Executive Engineer, having also charge of the repair shop.

10. For the present I would ask for orders on the following points:—

I. Will orders be given to Public Works Officers to abstain from making demands on the workshop? Paragraph 3 above.
II. Shall there be a small workshop maintained? } Paragraph 5 above.
III. And an instrument-maker's shop? } Paragraph 5 above.
IV. Shall the General Superintendent make a list of Establishment to be kept for II and III and for the stores? Paragraph 6 above.
V. Is it contemplated that there should be a new set of buildings, and estimates prepared, as suggested in paragraph 8 above?

1704/61

Enclosure.

From Lieutenant W. L. C. BADDELEY, R.E., General Superintendent, Public Works Stores and Workshops, to the Superintending Engineer, Fifth Circle, dated Madras, 7th September 1882, No. 1447 W.

Map.
List of Buildings.
,, of Works.
,, of Machinery, &c.
Draft Circular.
Chief Engineer's letter No. 628 E. of 24th August 1882.

With reference to your No. 1952 of 28th August 1882, I have the honor to submit my proposals for carrying into effect the orders of Government in No. 2064 W. of 12th August 1882.

2. The General Superintendent of the Public Works Stores and Workshops is in charge of the following:—

1. Public Works Stores and Mathematical Instrument Department.
2. Public Works Workshops.
3. State Railway Stores.
4. Government Machinery Stores.
5. Machinery at the General Hospital for working the punkahs, and water-works at Guindy.

3. The Public Works Stores and the Public Works Workshops occupy the same buildings, all office work connected with State Railway Stores is conducted in the Public Works Stores Office, and all State Railway Stores in the custody of the General Superintendent are stacked in the Public Works store-yard.

4. The Mathematical Instrument Department is usually considered as part of the workshops, but it is now necessary to recognise the difference, for the repair of instruments is totally distinct from repairs to machinery, and it does not follow that because Government wish to close the workshops they should also wish to abolish the Mathematical Instrument Department.

5. The Government machinery stores are situated in a portion of the old Mint which is adjacent to the Public Works Stores and Workshops.

6. The machinery at the General Hospital and the Guindy Water Works is worked by employés of the workshops, and all office work is carried on in the office of the Public Works Workshops.

7. As matters now stand, the iron and heavy goods belonging to the Public Works Stores are kept in the shed marked on plan as "Store shed," while the instruments and other valuable articles are kept in a portion of the upper-storey of the "main building," and the repair of instruments is carried on in a portion of the lower-storey of the same building.

It is impossible to reserve any portion of the present building for the Public Works Stores and Mathematical Instrument Department, for the only building suitable for the purpose is the main building, and this must be given up to the firm which takes over the workshop, for it contains the machine shop and all the office rooms.

It is difficult in a short letter to anticipate all the suggestions, that from an inspection of the plan might appear feasible, for setting aside a portion of the building for the Public Works Stores and Mathematical Instrument Department; but after careful consideration I am confident that such an arrangement would be impracticable.

8. When the buildings now occupied by the Public Works Stores and Workshops have been sold or leased, it will be necessary for Government to arrange for the custody of the stores, and the performance of the duties connected with—

1. Public Works Stores and Mathematical Instrument Department;
2. State Railway Stores;
3. Government Machinery Stores;
4. Machinery at the General Hospital and Guindy Water Works,

and therefore, when I have submitted my proposals for the abolition of the Public Works Workshops, I shall offer certain suggestions which, I trust, will be found of some value in arranging for carrying on the work detailed above.

9. At present the Public Works Workshop executes a considerable amount of work for *all* departments of Government, and obviously therefore the first step towards reduction is the refusal of all work except for the Public Works Department, and this step has already been taken except in the Mathematical Instrument Department.

Secondly, I would propose sending a circular to every Superintending Engineer for distribution, pointing out the necessity of encouraging private enterprise, and requesting that no work of any kind be sent to the workshop if it can be carried out at a reasonable rate by a private firm.

The result of this will be that a considerable reduction can be made in the number of workmen employed, and yet, as work will not be entirely stopped, the machinery and plant can be kept in working order, so that as soon as a firm comes forward to purchase or rent the concern it can be handed over ready for immediate use.

This is, in my opinion, a most important point, for if the shops were totally closed and the machinery left idle for six months, the depreciation in this climate would be so great that a large portion would become unserviceable; and it requires no argument to prove that an intending purchaser of a large concern like the Public Works Workshops would be more inclined to make a liberal offer for an establishment in working order than for one which had been idle for some time.

10. As regards the maintenance of a small Government shop, except for repairs to mathematical instruments and work of that nature, I am of opinion that it will not be needed, for when once a private firm is established in the workshop buildings, it can easily execute every bit of work, down to the smallest repair; also it must be remembered that a shop which is only to be used by the Department of Public Works for repairs and trifling manufacture must be a most expensive one, for the cost of supervision and the outlay on machinery will be distributed over a very small quantity of work: for example the most trifling repairs will require castings of iron and brass, screws to be cut, surfaces to be planed, and various other processes which are continually in progress in a large shop, all of which will require steam-power, machinery, skilled labor and supervision.

11. While the operations of the workshops are being steadily reduced in the manner described, the accompanying Circular might be distributed in whatever manner Government think best.

12. Assuming that the publication of the views of Government leads to the transfer of the workshop to a private firm, it remains to be considered what is to become of the establishment, and my views on this are:—

(1.) Mr. Francis, the Sub-Engineer, should be attached to the Presidency District, where his services will be of the greatest value in looking after the machinery at the General Hospital and Guindy Water Works, he will also be available for any work in other districts which may require an experienced Mechanical Engineer.
(2.) Mr. Willis, the Overseer, who is a Carpenter by trade, should be posted, if possible, to one of the workshops in the north of the Presidency, if not his services should be utilised whenever a foreman carpenter is required.
(3.) The Maistries are divided into two classes, one consisting of men who have served Government for a large number of years, and the other of men who have only been promoted within the last few years; the former class will probably retire from work when the workshop is transferred, and the latter will find ready employment under the new state of things.
(4.) The workmen, as a rule, will be employed by the firm which takes over the workshop, but there are some who, from length of service or by reason of injuries received while in Government employ, may be entitled to special consideration.
(5.) The Clerks, who are not entitled to pensions, will, I hope, be absorbed into other Government Offices, as vacancies occur.

13. I have now, I trust, shown how the workshops can be gradually reduced, and eventually handed over to private enterprise with the least inconvenience to the Public Works Department; the least loss to Government, and the least distress to the large number of men who now earn their living in the workshops, and I will therefore proceed to discuss the Public Works Stores.

It is unadvisable to do away with the Public Works Stores, for there must be a central depôt for preparing indents, receiving supplies, storing them, issuing as required, and performing the various duties connected therewith; also in combination with the stores it is absolutely essential that there should be a Mathematical Instrument Department, where every instrument, &c., can be examined before issue, and repaired when necessary.

It will be impossible to reserve any portion of the present building for the Public Works Stores and the Mathematical Instrument Department, and it will therefore be necessary to locate them elsewhere, bearing in mind the following conditions:—

(1.) The store-sheds must be of fairly strong construction, viz., brick in mortar with corrugated iron roof.
(2.) There should be a suitable room for the instrument shop.
(3.) There should be an enclosed yard for storing heavy machines and goods.
(4.) The stores should be as near as possible to the pier.

14. The question as to whether the Public Works Stores are to continue to carry on the work of landing and despatching all State Railway Stores which are sent through Madras, will require consideration; in my opinion there is no more economical arrangement than to place the Public Works Stores, State Railway Stores, and Mathematical Instrument Department under one officer.

15. The Government Machinery Stores should, I think, be handed over to the Ordnance Department, but if Government are of opinion that the Public Works Department should continue to have charge of all spare machinery belonging to the different departments of Government, this appointment should be combined with that of the Public Works Stores, &c.

16. The machinery at the General Hospital and the Guindy Water Works should be pla in charge of the Executive Engineer, Presidency.

17. I must now revert to the question of keeping up a Government Mathematical Instrument Department in connection with the Public Works Stores, either exclusively for the use of the Public Works Department or for the benefit of all Government Departments. At present every instrument issued by the Public Works Stores is first passed through the Mathematical Instrument Department, where it is examined and repaired if necessary; in like manner every instrument returned to store is examined in the Mathematical Instrument Department and classed as "serviceable," "repairable" or "unserviceable." If the Mathematical Instrument Department is abolished it will still be necessary for a Mathematical Instrument-maker to be attached to the Public Works Stores, but his services will never be fully utilized unless he has a shop in which he can carry out repairs. The Mathematical Instrument Department now repairs all instruments, and executes a great variety of work for all departments of Government, and it is impossible, in my opinion, to propose any better or more economical arrangement than (in connection with the Public Works Stores) to maintain an instrument department for the repair of all Government levels, theodolites, &c., and for the manufacture of scales, seals, badges, weights, measures, &c., and the various other articles which are continually required by all departments of Government.

No. 193.

Order—dated 25th September 1882, No. 2488 W., Public Works.

With the letter above recorded the Superintending Engineer, Fifth Circle, submits proposals for giving effect to the decision of Government, recorded in G.O., No 2064 W., dated 12th August 1882, for restricting the operations of the Public Works Workshops at Madras to the execution of such repairs and trifling manufacture as may be required by the Public Works Department and cannot be executed in the open market, and for disposing of the buildings and plant which would thus become available.

2. It is explained that the first step for the accomplishment of the object in view has already been taken in the refusal to accept work except that required by the Public Works Department and in the instrument shops.

3. These arrangements are approved. Officers of the Public Works Department will now be directed to abstain as far as practicable from giving orders for work at the shops, and no new work for other departments should be accepted after the end of the present year.

4. A small workshop will thus still be required for departmental purposes, and the nucleus of this may, for the present, be organised within the present shops. Tenders will meanwhile be invited for the purchase of the existing buildings and available plant, and as soon as they have been received and decided on, the reduced Government Establishment may, if necessary, be removed elsewhere.

5. It may be practicable to have the mathematical instrument work of the department executed in Calcutta, should local firms be unable to take it up. The Surveyor-General will be communicated with on the subject.

6. As regards the disposal of the existing establishment, many of the workmen will no doubt find employment with the firms which will take over the work which the Government are now surrendering, and the others will be absorbed gradually. In any case no immediate action seems necessary, and the details of the process may well be left to be worked out by the Superintending Engineer as circumstances admit.

7. It is premature to issue any definite orders as to erection of new buildings at present. There will be ample time for decision on this question after tenders for taking over existing block and plant have been considered. Tenders may be received up to the 1st February next, and the interval should be utilized in printing and circulating lists, which should be accompanied by a lithograph block plan of the buildings, on a somewhat smaller scale than that sent up, and a small Index Map of Madras on the same sheet. The Index Map should show the situation of the shops with reference to a few of the most important places, *e.g.*, the harbour, railway stations, fort, &c.

8. The notices should be published in the *Fort St. George Gazette*, the *Bombay Gazette*, and the *Gazette of India*.

9. The General Superintendent of the Workshops will take the requisite action for giving effect to these orders, submitting drafts of notifications for insertion in the Gazettes outside the Presidency.

(Here enter No. 2489 W., dated 25th September 1882.)

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the General Superintendent, Public Works Workshops, with enclosures.
To Superintending Engineers.
To the Consulting Architect to Government.
" Chief Engineer for Irrigation.
" Consulting Engineer for Railways.
" Examiner, Public Works Accounts.
" Revenue Department.
" Military "
" Public, &c., Departments.

Exd. S. T. Austin
Spare Copies

1706/6

GENERAL.
ACCOUNT.

Govt. of {1882} Madras.
PUBLIC WORKS.

Dated September, 25th.

Recd. *Encl.*

G.O., 25th Sept. 1882, No. 2488 W.

SEPTEMBER.
Nos. 192-193.

Public Works Workshops at Madras.

Orders on proposals of the Superintending Engineer, Fourth Circle, for restricting the operations of the Public Works Workshops at Madras to the execution of such repairs and trifling manufacture as may be required by the Public Works Department and which cannot be done in the market.

Presidency Public Works Workshops,
Madras, 16th May 1883.

No. 215 W.

1706/7

From
The GENERAL SUPERINTENDENT,
Public Works Workshops,

To
The Deputy Chief Engineer
D. P. W.
Madras.

Sir,

I have the honor to submit for sanction the following Estimates:-

Enclosures. 3

290 (1) Abstract Estimate of the cost of providing Shelter for the Steam fire Engine (belonging to the P. W. Stores) lately received from Englan

750 (2) Abstract Estimate of cost of sinking a Well in the Yard of the P. W. Stores & Workshops

2131 (3) Abstract Estimate of cost of repairing the Engine Room lately used by P. W. Workshops.

3171

2 The first is necessary for the protection of the Steam Fire Engine lately received from England, and to afford a place where everything connected with the Engine can be stored, so that in case of fire, there may be no unnecessary delay in starting the Engine.

3 The Well is necessary because the supply of Red Hills water in the year is

is too small to enable the Engine to be worked to its full effect. There is a well 8' diameter on the West side of the Workshops and from actual trial, I think that a Well would be the cheapest and best method of ensuring a proper supply of water for the Engine in case of need.

4. The repairs to the Engine room are necessary to adapt it as a shop for the Mathematical Instrument Department which at present is very cramped, and being connected with the Office and Machine Shop is not as secure as it should be. The present Mathematical shop I propose to use as an erecting shop for Engines &c. which work is now done chiefly in the open air at a considerable disadvantage

I have the honor to be
Sir,
Your most obedt. Servt.
W C Baddeley Lieut. R.E.
Genl. Supdt. P. W. Workshops.

708/9

& no. 2488 W 25 9. 82

P.W.C. No. 4170

Public Works Workshops.

From
The General Superintendent,
P. W. Workshops,
Madras,

To The Dy Chief Engineer
D.P.W.
Madras

No. 215 W.

Dated 16
Despd. 17 } May 1883.
Recd. 18

No. of Enclosures. 3

Subject

Submits for sanction 3 Estimates - one for the provision of shelter for the steam fire Engine lately recd from England - one for sinking a Well, & the third for repairs to the Engine room lately occupied by the Shops.

1/

vide 12/6 Rd 1/6
Docket sheet put up

C. No 4170

1206/B.

Note

In G.O. No. 2488 W of 25th Septr. 1882. the operations of the Workshops were ordered to be restricted and it is doubtful whether an outlay aggregating Rs. 3171 should be now incurred, which would enhance the Capital of the Shops -

[illegible]
23/5

To Dy CE

For orders.

All three estimates are for works which appear necessary.

24/5

Sanction - all are required.

25/5

B/

1

Public Works Department, 1883-84.

1705
1706 L

Current No. 4170

Letter No. 215 W.

Dated the 16th May /83

From the Genl. Supt. of the P.W. Workshops

Note of Remarks.

1. Enclosed are three abstracts of estimates:— 'Abstract of estimate for providing shelter for the steam fire engine of the P.W. Stores' - Rs. 290; 'Abstract of estimate for sinking a well, 8 ft. diameter and 25 ft deep, in the P.W. Stores yard' - Rs. 750; and 'Abstract of estimate for repairing the engine room of the P.W. workshop' - Rs. 2131.

2. The first is necessary to provide shelter for the engine and every thing connected with it; the sinking of the well is proposed to ensure a sufficient supply of water throughout the year for the effectual working of the steam engine. The repairs to the former engine room are necessary to convert it into a shop for the Mathematical

B/

Instrument Department.

3. No plans or details have been submitted as no estimate exceeds Rs 5000 (Code para. 1108)

18th May /83
[illegible]

[illegible] 12/6 [illegible]
Doctor [illegible]

No 1706W **PUBLIC WORKS DEPARTMENT.**

12th R
[illegible]

1706/12

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 18th June /83

READ the following

Letter from the General Supdt P.W. Workshop. } W.P. letter No 215 W dated 16th May 1883

The following estimates are sanctioned

i. Providing Shutter for the steam fire engine of the P.W. Stores. R 290 Regd No. 53 W of 1883.84

ii. Sinking a well, 8 feet diameter and 25 feet deep in the P.W. Stores Yard. Rs 750 Regd No. 54 W of 1883.84

iii. Repairing the Engine room of the P.W. Workshop. Rs 2121 - Regd No. 55 W of 1883.84

2. No specific appropriation of funds is necessary

3. These sanctions have

been registered as shown above and classified as Civil Buildings — the first and second under Original Works and the third under Repairs —

11/6

12/6

Registered

18/6

The ^Genl^ Supdt. Rly. Workshops 4
with 3 enclos.
The Examiner P.W. Accounts 11
" S.E. Fifth Circle 7

21/6

25/6

1706/13

41/0

Govt. of (1883) Madras.

PUBLIC WORKS.

[illegible]

Dated

Recd. Encl.

G. O. 18th June 1883, No. 1706 W

Nos.

Presidency Public Works Stores & Workshops

Estimates amounting to Rs 3171 for certain works connected with the — Sanctioned.

5/4

D° 18/6

Entered in Receipt Register