

65 (1) Number of pages 24  
(2) Date of repair 27.10.87  
(3) Initials of the Referencer long

# TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

J. WD ~~1884~~ DEPARTMENT

|          |              |        |
|----------|--------------|--------|
| G.O. No. | 1824.        | Press. |
| B.P. No. | —            | Mis.   |
| Dated    | 28. 7. 1884. | 197.   |

*Not to be folded or roughly handled*

11-11-12 ✓

28TH JULY 1884, No. 1824 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.  
Civil Works.

READ—the following letter from Major J. L. L. MORANT, R.E., Officiating Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chepāk, 18th July 1884, No. 622 :—

I have the honor with regret to be obliged again to trouble Government on the subject of the floating latrine sanctioned in G.O., No. 1624 W., dated 27th June 1884.

- 1 Revised estimate.
- 1 Comparative statement.
- 1 Copy of letter, No. 832, dated 17th July 1884, from the Vice-President, Municipal Commission.

2. From the enclosed copy of a letter No. 832, dated 17th July 1884, from the Vice-President, Madras Municipality, it

will be observed that in the preparation of the sanctioned estimate the Municipality did not provide for a suitably sized boat and for their usual percentage for supervision and tools and plant. The addition of these items to the sanctioned estimate increases the amount to Rs. 6,910 or by Rs. 1,255 in excess of the sanctioned estimate, as shown in the accompanying comparative statement. A revised estimate, amounting to Rs. 6,910, is accordingly now submitted.

3. Under these circumstances, I beg to submit and solicit the sanction of Government to the revised estimate for a floating latrine at Chepāk.

4. With reference to the concluding part of the Vice-President's letter, I have this day informed him that the work had better be pushed on pending the sanction of Government.

5. The favor of early orders is requested.

ENCLOSURE.

From J. A. JONES, Esq., Vice-President, Municipal Commission, to the Officiating Consulting Architect to Government, dated Madras, 17th July 1884, No. 832.

I have the honor, but regret to inform you that an error has been made in entering in the estimate for the floating latrine the sum of Rs. 1,400 for the ordinary municipal boat. This is the cost of a smaller sized 12-ton boat, and, as the Assistant Mechanical Engineer was absent on leave, incorrect information was obtained from the Workshop. The amount should be Rs. 2,200 or an increase of Rs. 800.

I have also to add that for all works done in the Municipal Workshop 10 per cent. is charged for on labor and materials for supervision and 5 per cent. on materials for store losses.

Since the work is now to be done in the Municipal Workshop these amounts must be added, and the estimate will stand thus—

|                                                         | Rs.   |
|---------------------------------------------------------|-------|
| Iron boat, ordinary                                     | 2,200 |
| Extra work for latrine                                  | 2,496 |
|                                                         | 4,696 |
| 10 per cent. for supervision                            | 469   |
| (Rs. 3,600) 5 per cent. on materials for loss on stores | 180   |
| Wharf                                                   | 1,490 |
| 5 per cent. on Rs. 1,490 for sundries                   | 75    |
| Total                                                   | 6,910 |

28TH JULY 1884, No. 1824 W., PUBLIC WORKS.

I must express my regret that two boats have not been sanctioned at once, as I fear that the conservancy with one boat only may very often fail (through delays on the canal) to work satisfactorily. Please inform me if I may go on with the work in anticipation of sanction.

ORDER—dated 28th July 1884, No. 1824 W., Public Works.

The revised estimate, amounting to Rs. 6,910, for constructing a floating latrine for the use of the public offices at Chépák, is sanctioned under the explanation afforded by the Consulting Architect to Government.

2. This sanction, which supersedes that accorded in G.O., No. 1624 W., dated 27th June 1884, has been registered as Provincial No. 98 W. of 1884-85, and classified as Civil Buildings, Original Works.

(True Extract.)

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

To the Consulting Architect to Government, with one enclosure.  
" Examiner, Public Works Accounts, with abstract estimate.  
" Superintending Engineer, V Circle.  
" Financial Department.

Exd. A. F. Aaron.  
Spare Copies

1824

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BUILDINGS AND ROADS.  
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated July, 28th.

Recd.

Encl.

G.O., 28th July 1884, No. 1824 W.

JULY.

Floating Latrine

Revised estimate of Rs. 6,910, for a — for the use of the public offices at Chepák, sanctioned.

3  
1824  
25TH MARCH 1884, No. 813 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.  
Civil Works.

READ—the following letter from W. S. WHITESIDE, Esq., Acting Third Member, Board of Revenue, and President of Committee, to the Secretary to Government, Public Works Department, dated Madras, 17th March 1884 :—

I have the honor with reference to the Proceedings of Government, No. 3545 W., dated 10th December 1883, to report for the information of Government that the committee therein appointed have carefully considered the question of the most suitable site on which latrines and urinals for the use of Government clerks, &c., employed in the offices of the Board of Revenue, Public Works, and the Civil Engineering College can be erected.

2. The only available piece of ground within reasonable distance of the offices, is that which lies west of the Chepák office between it and the canal. The committee, however, are unanimously of opinion that there are insuperable objections to the erection of the latrines at this site. They are as follows :—

- (a) The latrines would be in close proximity to the tiffin rooms used by the clerks of all the offices, and would undoubtedly prove a very serious nuisance.
- (b) They would also be extremely near the roads leading into the Chepák Public Works office, to the Civil Engineering College, and along the side of the canal.
- (c) The prevailing winds in Madras for the greater part of the year blow from the south, south-west, and west, and the latrines, if built on this site, would be so situated that the odours emanating therefrom would, for many months in each year, be drifted into the adjacent offices of the Board of Revenue, Revenue Settlement, Survey, and Public Works, and the nuisance at present complained of would be intensified very seriously.

3. The committee, therefore, after very careful consideration, are of opinion that it is inexpedient to recommend that this site be selected for the new latrines.

4. They are, however, fortunately able to submit for the favorable consideration of Government, an alternative proposal which will, in their opinion, fully and satisfactorily meet the requirements of the case. It is suggested that a small excavation, properly rivetted, be made in the bank of the canal between the Chepák bridge and the northern boundary of the Public Works enclosure, and due west of the road leading down to the Chepák office, in which barges specially constructed for the purpose should be moored. These floating latrines could, with ease, be taken away at night to the Sewage Farm Depot, about 1 mile distant, the iron receptacles removed and changed, and the barges brought back in readiness for use before office hours commence.

5. At the request of the members of the committee, I placed myself in communication with the President of the Madras Municipality in order to ascertain whether this plan could be successfully carried into execution. In his demi-official note, dated

3

4th February 1884, Mr. Arundel thus writes—"your scheme is perfectly feasible, and is an excellent solution of a serious difficulty. The Municipality will give you any assistance they can, will give you a design, and will carry out for you any work that may be necessary *i.e.*, barge building, masonry or anything else." I also, in company with Mr. Arundel, inspected the Triplicane sewage depôt to which the contents of the barges would be daily conveyed. It is within  $1\frac{1}{2}$  miles of the Chepák Park and there is a crane by which the iron latrine boxes can be removed from the barges and changed.

6. The committee are satisfied that the scheme can be worked with the utmost ease, and that by its adoption the inconvenience and annoyance occasioned by the present arrangement will be completely avoided. They do not at present enter into details as to the manner in which the proposed new system should be carried into execution, but are prepared to do so on receipt of the further orders of Government. They would merely remark that they are strongly of opinion that the total cost of the barges, the masonry work at the canal bank, and the ordinary working expenses, will not exceed the outlay that would be involved by the removal of the present latrines, and erection and maintenance of new buildings.

7. The submission of this report has been unavoidably delayed owing to Major Morant's absence on duty at Calcutta.

ORDER—dated 25th March 1884, No. 813 W., Public Works.

The proposal of the committee to establish a floating latrine in lieu of the existing building seems to be free from the objections which have been raised against previous proposals.

2. Final orders on the project will issue on receipt of proper estimates of the cost of construction and working, which the Consulting Architect will prepare in communication with the President of the Madras Municipal Commission.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,  
Secretary to Govt., P.W.D.

To W. S. Whiteside, Esq., C.S.  
To the Consulting Architect to Government.  
" Superintending Engineer, V Circle.  
" Revenue Department.  
" Educational "

Exd. A. Aubert.  
Spare Copies

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BUILDINGS AND ROADS.  
CIVIL WORKS.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated March, 25th.

Recd.

Encl.

G.O., 25th March 1884, No. 813 W.

MARCH.

Floating Latrine

The Consulting Architect to prepare, in communication with the President, Madras Municipality, an estimate of the cost of construction and working of a — at Chepāk, in lieu of the existing building.

27TH JUNE 1884, No. 1624 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.  
Civil Works.

READ—the following letter from Major J. L. L. MORANT, R.E., Officiating Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chepāk, 12th June 1884, No. 403:—

With reference to paragraph 2 of Public Works G.O., No. 813 W., dated 25th March 1884, I have the honor to submit a plan and two estimates (latter amounting to Rs. 9,745, 5,655 respectively) for constructing a floating latrine for the use of the clerks and others attending the public offices at Chepāk, Madras.

2. The plan and the estimates have been prepared by the Vice-President of the Madras Municipality, who informs me that, from his experience, he has every reason to believe the proposed arrangement will work very satisfactorily.

3. The smaller estimate is made up of the four following items:—

|                                                                 | RS.   |
|-----------------------------------------------------------------|-------|
| Excavation of recess in bank of canal and retaining wall ... .. | 1,490 |
| Iron boat ... ..                                                | 1,400 |
| Enclosure over boat ... ..                                      | 1,616 |
| Two sets of buckets ... ..                                      | 880   |
| Sundries ... ..                                                 | 269   |
| Total ... ..                                                    | 5,655 |

4. In the boat 18 closets and 8 urinals are provided.

5. The Vice-President of the Municipality recommends that *two* (instead of one) completely fitted boats be entertained at an additional cost of Rs. 4,090 to the above amount, or Rs. 9,745 in all. In this case the monthly working cost will be Rs. 40 to 50 per mensem. If only one boat be used, the monthly working cost will be Rs. 70 to 80 per mensem.

6. The present latrine cost same Rs. 5,000, but has proved unsatisfactory in working and a considerable nuisance. Its monthly working cost is Rs. 35.

7. From a conversation I had with the Vice-President, I learn that the arrangement for moving the buckets on the rails when in the boat will be by ball and socket jointed wheels running in grooved rails. The buckets will thus be capable of being turned and run in any direction. A crane at the sewage farm raises the buckets out of the two ends of the boat.

ORDER—dated 27th June 1884, No. 1624 W., Public Works.

The estimate, amounting to Rs. 5,655, for a floating latrine for the use of the public offices at Chepāk, is sanctioned for immediate execution.

2. The Consulting Architect will place the money at the disposal of the Madras Municipality, to whom it is proposed to entrust the work, and will suggest such reappropriations from existing grants as will make up the amount.

3. One boat is sanctioned in the first instance; another can afterwards be added if found necessary.

4. The removal of the existing latrine will follow immediately on the floating latrine being finished.

5. This sanction has been registered as Provincial No. 74 of 1884-85 and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,  
Secretary to Govt., P.W.D.

To the Consulting Architect to Government, with three enclosures.

" Superintending Engineer, V Circle.  
" Examiner, Public Works Accounts.  
" Revenue Department.  
" Educational "  
" Financial "

Exd. J. Henrious.  
Spare Copies

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BUILDINGS AND ROADS.  
CIVIL WORKS.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated June, 27th.

Recd.

Encl.

G.O., 27th June 1884, No. 1624 W.

JUNE

Floating Latrine

Estimate of Rs. 5,655 for a — for the use  
of the Public Works offices at Chépák,  
sanctioned with remarks.

On

Revised estimate  
for floating latrine.

Draft Order sub-  
mitted for approval.

No funds are imme-  
diately available, for  
~~the work~~, but the C.A.  
has asked the Municipality  
to push on with the  
work.

Please see remarks  
in last para of Mr.  
Jones's letter of 17.7.84,  
relative to probable  
failure of the arrange-  
ments owing to only  
one boat having been  
sanctioned.

1884 W C 6A

I have passed the draft. Funds  
will be found hereafter, as already stated,  
and the boat can be added hereafter,  
as is found insufficient. C.A.  
21-7

P. W. D.

7

W

Consulting Architect's Office,

Chepauk, Madras,

18<sup>th</sup> July 1884.

No. 622

From

The Consulting Architect to the Government of Madras,

To

The Chief Engineer, Public Works Department.

In,

Enclosures.

1 Revised Estimate  
1 Comparative State  
ment

1 Copy of letter No 832  
of 17<sup>th</sup> July/84 from  
the Vice President  
Municipal Commission.

I have the honor with regret to be obliged  
again to trouble Government on the subject of the  
Floating Latrine sanctioned in G.O. No 1624 W dated  
27<sup>th</sup> June 1884.

From the enclosed copy of a letter No 832 dated  
17<sup>th</sup> July 1884, from the Vice President, Madras  
Municipality it will be observed that in the  
preparation of the sanctioned Estimate the  
Municipality did not provide for a suitably  
sized boat and for their usual percentage  
for supervision and tools and plant. The addition  
of these items to the sanctioned Estimate increases  
the amount to Rs 6910 or by Rs 1255 in excess of the  
sanctioned Estimate, as shown in the accompany-  
ing comparative statement. A revised Estimate  
amounting to Rs 6910 is accordingly now submitted.

3. Under these circumstances I beg to submit  
and solicit the sanction of Government to the

Q. 73-7-86 R. 25-7-84

revised Estimate for a Floating Latrine at Chempauk.

4. With reference to the concluding part of the Vice President's letter I have this day informed him that the work had better be pushed on pending the sanction of Government.

5. The favor of early Orders is ~~anxiously~~ requested.

I have the honor to be  
sir

Your most obedt. servant.

J. H. Morant.

Major R. E.

Offg Consgr Archit. to Government.

ADP

P. W. D. No. 832

Madras Municipality

P. W. and Conservancy Department

Madras 17<sup>th</sup> July 1884

From

J. H. James Esqre

Vice President Municipal Commission

To

Major J. L. L. Morant R. E.

Offg Consgr Architect to Govt.

Sir,

I have the honor but regret to inform you that an error has been made in entering in the Estimate for the Floating Latrine, the sum of Rs. 1400 for the ordinary Municipal Boat. This is the cost of a smaller sized 12 Ton Boat and as the Assistant Mechanical Engineer was absent on leave incorrect information was obtained from the Workshop. The amount should be Rs. 2200 or an increase of Rs. 800

I have also to add that for all work done in the Municipal Workshop 10% is charged for on labor and materials for supervision and 5% on materials for store losses

Since the work is now to be done in the Municipal Workshop these amounts must be added and the Estimate will stand thus.

Iron Boat ordinary - - - - - Rs 2,200

Extra work for Latrine - - - - - 2496

4696

10 percent for supervision - - - - - 469

(Rs 3400) 5 percent on materials for loss on stone 180

Trharf - - - - - 1490

5 percent on Rs 1490 for sundries - - - 75

Rs 6910

Rs 6910

I must express my regret that two boats have not been sanctioned at once, as I fear that the conservancy with one boat only may very often fail (through delays on the canal) to work satisfactorily. Please inform me if I may go on with the work in anticipation of sanction

I have the honor to be  
on

your most obedt. servt.

signed J. A. Jones Esq.

Vice President Municipal  
Commission Madras.

(True copy)

Christina Leitch

Accountant.

G. 6. No 813 W 25. 3. 84  
" " 1624 W 27. 6. 84 Chief.

P. W. D.

Roads and Buildings.

From

THE CONSULTING ARCHITECT

TO THE GOVERNMENT OF MADRAS,

To

The Chief Engineer  
Public Works Dept.

No. 622.

Dated 18<sup>th</sup> July 1884

Received

N<sup>o</sup> 1824 S a/28<sup>th</sup> July 1884

No. of ENCLOSURES. 3

Subject.

Revised Estimate for  
Floating Latrine

Submits a —

10.23.7.84 R. 28.7.84

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

Read the following

From the Consy and Govt No 622 of 18<sup>th</sup> July 1884

The revised  
estimate amounting  
to Rupees 6910, for  
constructing a floating  
latrine for the use of  
the public offices at  
Chepakk, is sanctioned  
under the explanation  
afforded by the Consy.  
Architect to Govt.

2. This sanction  
which supersedes that

accorded in L.O. No 1624W  
 dated 27 June 1884, has  
 been registered as Prov.  
 No 98 W of 1884-85,  
 & classified as Civil  
 Buildings, Original  
 Works.

Cd.  
 22.7.84

24.7.84

1884  
 W

To the Comptroller to Govt  
 with 1 receipt  
 " East India Co. with 1 receipt  
 " S.S.V. Co. with 1 receipt  
 " Financial Dept. with 1 receipt  
 " Govt. of India with 1 receipt

Oct 103/17  
 23.7.84

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Govt. of (1884) Madras.

PUBLIC WORKS.

11

29/7

1000

1000

1000

G.O. 28 July 1884, No. 1824-vv

Floating Labours

Revised Estimate of

Rs 6900 for the

For the use of the  
public offices at  
Chepank, S. S. District.

80  
5

9th  
1887