

(1) Number of pages ✓(2) Date of repair (3) Initials of the Referencer **MADRAS RECORD OFFICE.****Government of Madras.****P. W. DEPARTMENT.**

G.O. No. 3691	Press
118-119.	Mis. <u> </u>
Dated 5-12-1865	

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*Proceedings of the Madras Government, Public Works Department,
5th December 1865.*

No. 118. Read the following letter from the Quarter Master General, to the Secretary to Government, Military Department, dated Head Quarters, Ootacamund, 2nd November 1865, No. 781-10,563 :—

1. The Commander-in-Chief, being desirous of enforcing greater uniformity, by Officers Commanding Divisions and Forces, in the use of the Rules laid down for their guidance in the several Chapters of the Regulations for Public Works Department, called upon the Secretary to Government, Public Works Department, to be good enough to favor him with certain information, comparing Bengal with Madras Rules in view to those in force being re-published (revised if necessary) in G. O. C. C.

2. A Memorandum from Colonel Orr and a comparative Statement (enclosed) furnished by him, will explain the difference that exist.

3. At pages 430 and 431 of Bengal G. O. C. C. for 1865, will be found the Bengal Rules.

4. Those parts of Madras Rules affecting the conduct of Military Officers in this Presidency, are so scattered about in the several chapters of the Code, that His Excellency thinks it will be useful to collate them and publish them to the Army; but before doing so, he would ask Government to consider whether there will not be advantage in changing some of the Madras Rules.

5. It is seldom that an approximate estimate is made of any work projected, and requiring the sanction of Government, notwithstanding orders to that effect. The almost universal practice is, to forward at once a matured plan and estimate. These are submitted to the Commander-in-Chief, with the applications from the Officer Commanding the Division, and are returned to the Superintending Engineer with the Commander-in-Chief's remarks. On this subject the Public Works Department was addressed on the 23rd June 1863.

6. The truth is, that present Rules on this point and some others, seem cumbersome and involved, and the practice which has sprung up has apparently arisen out of a sense of it. The former was no doubt intended to save the Officers of the Public Works Department time and trouble, but as the innovation is on their part, they must have found that, tested by practice, it is the reverse.

7. The Commander-in-Chief would therefore suggest that Madras Rules might be simplified and otherwise improved.

No. 59.

MEMORANDUM.

In returning the enclosed General Orders which accompanied the Memorandum from the Quarter Master General, No. 680-10,000, dated 16th October 1865, the undersigned has the honor to forward a Memorandum showing, in juxtaposition, the Rules relating to Military works in Bengal, and those prevailing in this Presidency, from which it will be observed that considerable difference exist.

(Signed) CHARLES A. ORR, Colonel, R. E.
FORT SAINT GEORGE,
24th October 1865.
Secretary to Government, P. W. D.

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5th December 1865.*

Memorandum showing the Rules in force in Bengal, and those prevailing in the Madras Presidency for dealing with Military Works to be undertaken by the Public Works Department.

BENGAL.

Rule for dealing with proposals for New Military Works.
No. 43 of 1865.

Excepting in cases of real emergency or in dealing with works that are obviously required and sanctioned by the Standing Orders of the Army or the Public Works Department, or that may be sanctioned by Commanding Officers under clauses 7 to 14, Chapter IV., Section 1, Public Works Code, all proposals for undertaking Military original works (but not repairs) after having been approved by the proper local authority shall be submitted for the opinion of His Excellency the Commander-in-Chief to the Quarter Master General previously to being laid before the Government of India for the final sanction of the expenditure, and no such work shall be commenced until the approval of the Commander-in-Chief has been given.

This rule will apply in all cases whether the work is suggested by the Public Works Department or by a Station Committee, or by any other authority.

Powers of Executive Engineers to sanction repairs to Military Works.
No. 44 of 1865.

Executive Engineers are authorized to sanction repairs for any Department to the extent of Rupees 200 for each work, under the rules laid down in Standing Order No. 45 of 1865, paragraph 4.

Procedure with regard to works for Military authorities.
No. 45 of 1865.

1. Commanding Officers have power to sanction expenditure whether for new works, additions, alterations or repairs, within the undermentioned limits, and subject to the conditions prescribed in the three following paragraphs:—

An Officer Commanding a Division or a District, Rupees 500 for each work.

A Brigadier General Commanding a Brigade or Station, Rupees 200 for each work.

2. The following procedure will be adopted in the case of new works or additions required by Military Authorities, the cost of which is not likely to exceed Rupees 200.

MADRAS.

Paragraphs 75, 76, 77, 78, Chapter V. of the Code.

Excepting in cases of emergent work, all proposals for undertaking Military original works likely to cost more than Rupees 500 are, in the first instance, submitted to Government by the Head of the Department to which the building belongs, through the Military Secretary, and Government if approving of the proposition directs the Superintending Engineer to cause a detailed estimate to be prepared. On receipt of the estimate the Superintending Engineer obtains thereto the approval of the Head of the Department, the Divisional Officer, and of His Excellency the Commander-in-Chief, and then forwards it to Government for sanction. If the cost of the work is likely to be within Rs. 500, the detailed estimate is prepared without the previous permission of Government but prior to its submission, the same course is followed in respect to obtaining the approval of His Excellency the Commander-in-Chief and of the Divisional and Departmental Officer as in the case of works estimated to cost more than Rupees 500.

Executive Engineers possess no authority to sanction repairs to buildings of any Department.

Paragraph 12, Chapter XXIV. of the Code.
An Officer Commanding a Division may sanction the following works:—

I. Repairs to Military buildings within 500 Rupees, provided that the estimate does not exceed one-fourth the value of the buildings.

II. Emergent work to Military building when the health of the Troops is affected, and emergent work to Commissariat buildings within Rupees 500 without estimate, the bill being accompanied by a statement of the work performed to be passed by the Controller of Public Works Accounts.

Paragraphs 75 to 78, Chapter V. of the Code.

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5th December 1865.*

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I. The requisition will be made by the Regimental or Departmental authority for whose use or convenience the work is required, in form No. 3, which will be supplied by the Public Works Department.

II. The Executive Engineer or an Assistant or Subordinate empowered by him to act in such cases will record on the requisition his own opinion as to what work is proper to be done, and give a rough estimate on the face of the requisition of its probable cost.

III. The countersignature of the Brigadier General Commanding the Brigade or Station or of the Officer Commanding the Division or District, to the recommendation of the Public Works functionary will be sufficient authority for executing the work recommended without any publication in orders.

IV. In case of the Commanding Officer not being satisfied with the report of the Subordinate Officer of the Public Works Department, he should refer the matter to the Executive Engineer.

V. Should the Subordinate Officer see any reason to do so, he will refer the matter to the Executive Engineer, who will be guided by the rules for like cases for works estimated to cost more than Rupees 200 each, should he question the propriety of the work.

VI. When the approximate estimate makes it appear that the cost may be above Rupees 200 a detailed estimate must be prepared, and should this amount to more than Rupees 200 it must be submitted and sanctioned under the rules laid down for works of that class.

3. If the work be likely to cost more than Rupees 200 the following course must be observed:—

I. The work must be reported necessary, or applied for by the Officer Commanding the Regiment or Detachment, or by the Officer in local charge of the Department for whose use or convenience it is designed.

II. A definite design and estimate with a proper report and specification must be prepared under the orders of the Executive Engineer, and countersigned by him in token of approval of the work and of the manner in which it is proposed to execute it.

III. The estimate will then be sent for the countersignature of the Officer Commanding the Station, and will be forwarded by him to the Officer Commanding the Division or District.

IV. Should the amount of the estimate be less than Rupees 500 the latter can sanction the work. Such sanction must be notified in Division orders, a certified copy being sent at once with the original estimate to the Executive Engineer.

V. This copy of the order together with the estimate and a report of the intended commencement of the work must be sent by the Executive Engineer to the Superintending Engineer immediately on its receipt and the Executive Engineer is held strictly responsible that the work is not begun until this report is despatched.

4. The procedure to be followed in the case of repairs is as follows:—

MADRAS.

75. When any new building or the improvement of an old building is required, the Divisional or Local Officer of the Department to which the building belongs shall apply under the authority of his own superiors, viz., the head of his Department or the Commandant of the Division or Station, as the case may be, to the Superintending Engineer for a rough or proximate estimate of the cost, without any plan or detail.

76. This proximate estimate if it exceeds 500 Rupees, shall be submitted to Government by the Head of the Department to which the building belongs, through the Military Secretary and Government if approving of the proposition will direct the Superintending Engineer to cause a detailed estimate to be prepared. The estimate should be accompanied by a report.

77. If the new building is to be according to a standard plan, the estimate shall be made by the Superintending Engineer and submitted for sanction. If not, a plan shall be prepared by the Superintending Engineer in communication with the Local or Divisional Departmental Officer by whom it shall be countersigned, such countersignature representing the approval, as far as that may be necessary of the local or divisional authority to whom the Departmental Officer is subject, as well as his own. The plan and estimate shall then be forwarded by the Superintending Engineer to Government for sanction, after obtaining the approval of the Head of the Department when necessary, and of the Commander-in-Chief in all cases.

78. If the proximate estimate be within 500 Rupees the detailed estimate shall be prepared, with a plan if necessary, without the permission of Government, and shall then be submitted for sanction with the countersignature of the same Officer as before.

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5th December 1865.*

BENGAL.

I. The requisition will be made by the Regimental or Departmental authority for whose convenience the repair is required in form No. 3, also it may, in the case of Barracks, be made by the Barrack Master.

II. On receiving such a requisition, the Executive Engineer will first satisfy himself of the propriety of the work, and will then estimate it either roughly or in detail according as the work is likely to cost less or more than Rs. 200 under the rules laid down for new works, this being done he will determine whether the work is sufficiently provided for in the Budget grant under the proper sub head of repairs.

III. On being satisfied on this point he may without further communication with the local authorities or the Superintending Engineer order the immediate execution of the work, provided that its estimated cost does not exceed Rupees 200.

IV. Should the grant under the particular sub-head of repairs be insufficient to meet the outlay, reference must be made to the Superintending Engineer for his orders, or those of the local Government or Administration as the case may require.

V. When the approximate estimate exceeds Rupees 200, a detailed estimate must be framed, and submitted for sanction to the Superintending Engineer.

VI. In any case in which it may be more convenient to adopt such a course, as at an outstation, or in the event of the absence of the Executive Engineer, &c., to the approximate or detailed estimates for works up to Rupees 500 each may be submitted for sanction to the Officers Commanding Divisions or Districts under the rules laid down for new works above and below Rupees 200 respectively.

MADRAS.

Paragraphs 79 & 80, Chapter V. of the Code.

79. Estimates for the repairs of Military buildings shall be made by the Superintending Engineer or his Subordinates, either upon inspection, or at the requisition of the tenant of the building, or of the Local or Divisional Staff Officer.

80. If above 500 Rupees the estimate shall be countersigned by the Divisional Officer of the Quarter Master General's Department, who shall be considered to act under the authority of his own superiors, and the estimate thus approved shall be returned to the Superintending Engineer for sanction.

Military at the Presidency.

Paragraphs 82 and 83, Chapter V. of the Code.

82. At the Presidency, Saint Thomas' Mount, Poonamallee, and Palaveram, the Barrack Master takes the place of the Divisional Office of the Quarter Master General's Department, the Superintending Engineer at the Presidency exercising the same functions in regard to Military Buildings there as other Superintending Engineers with respect to buildings in the Provinces.

83. The rules relating to Military Buildings in the Provinces, as respects both New Works and Repairs, are equally applicable to Military Buildings at the Presidency, Saint Thomas' Mount, Poonamallee, and Palaveram.

Referred to the Department Public Works for remark.

FORT SAINT GEORGE,
11th November 1865.

(Signed) R. HAMILTON, Lieut.-Colonel,
Deputy Secretary to Government.

No. 119.

ORDER THEREON, 5th December 1865, No. 3,691.

MILITARY WORKS, No. 4.

1. With the foregoing letter the Quarter Master General submitted with remarks, a Memorandum showing in juxtaposition the Rules relating to Military Works in Bengal and those prevailing in the Madras Presidency, and states that His Excellency the Commander-in-Chief is of opinion that the Madras Rules should be assimilated to those of Bengal, and published to the Army.

2. The Government observe that the difference between the Bengal and Madras Rules, although considerable in points of minor detail, is not sufficient to affect materially the working of the rules, or to make any marked distinction

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5th December 1865.*

between the practice which obtains in the two Presidencies. It does not therefore appear that anything would be gained by adopting the Bengal Rules for guidance in Madras.

3. With regard to the point specially noticed in paragraph 5 of the Quarter Master General's letter which requires, in the case of a new building, the submission, for the approval of Government, of an approximate estimate previous to the preparation of the detailed plan and estimate, it is to be observed that a precisely similar rule obtains in the case of buildings connected with every other Department of Government. The rule is a good one, and though, as remarked by the Quarter Master General, it has not invariably been observed in the case of Military buildings, it has when followed been found to work well, and should be retained in the Public Works Code.

4. The Government have no objection to His Excellency the Commander-in-Chief's proposal to publish to the Army, in a collected form, the Rules relating to Military buildings which are contained in the various Chapters and Sections of the Madras Public Works Code.

(True Extract.)

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

To the Military Department.

Exd. S. T. Augustin.

No 781
10563
From

711
Quarter Master Genl's Office,
Head Quarters Cochin
2^d November 1865.

Lieut Col. T. W. Scott
Quarter Master General
To Colonel W. Marshall
Secretary to Government
Military Department
Sir,

The Commander in Chief, being desirous of enforcing greater uniformity, by Officers Commanding Divisions and Forces, in the use of the Rules laid down for their guidance in the several Chapters of the Regulations for Public Works Department, called upon the Secretary to Government P.W.D., to be good enough to favor him with certain information, comparing Bengal with Madras Rules in view to those in force being republished (revised if necessary) in G.O.C.C.

2
A Memorandum from Colonel
(enclosed)
dated 24th Oct 1865
Corr and a Comparative Statement
furnished

furnished by him, will explain the difference that exist.

3. At pages 1430 and 1431 of Bengal G.O. for 1865, will be found the Bengal Rules.

4. Those parts of Madras Rules affecting the conduct of Military Officers in this Presidency, are so scattered about in the several chapters of the Code, that His Excellency thinks it will be useful to collate them and publish them to the Army: but before doing so, he would ask Government to consider whether there will not be advantage in changing some of the Madras Rules.

5. It is seldom that an approximate Estimate is made of any work projected, and requiring the sanction of Government, notwithstanding orders to that effect. The almost universal practice is, forward at once a matured plan and estimate. These are submitted

to the Commander in Chief with the application from the Officer Commanding the Division, and are retained to the Superintending Engineer with the Commander in Chief's remarks. On this subject, the P.W.D. was addressed on the 23^d June 1865.

6. The truth is, that present Rules on this point and some others, seem cumbrous and involved, and the practice which has sprung up has apparently arisen out of a surmise. The former was no doubt intended to save the Officers of the Public Works department time and trouble, but as the innovation was on their part, they must have found that, tested by practice, it is the reverse.

7. The Commander in Chief would therefore suggest that Madras Rules might be simplified and otherwise improved.

The Public Works Dept. with
two Enclosures / to be ret'd. 11th

3 With regard to the
point specially noticed
by His Excellency the
Commander in Chief,
which requires, in the
case of a new building,
the submission for the
approval of Government,
of an approximate estimate,
previous to the preparation of
the detailed plan and
estimate, it is also ob-
served that a precisely
similar rule obtains in
the case of buildings
connected with every other
Department of Govt.
The rule is a good one,
and though as His
Excellency remarks, it
has not invariably been
observed

observed in the case of
military buildings, it
has, when followed, been
found to work well, and
should be retained in
the Code.

There is no objection
to His Excellency's pro-
posal to have the rules
collected which relate to
military buildings, and
to publish them to the
Army -

AB

Public Works Dept.

No 3691

Proceedings of the Madras Government
Under date the 5th November 1865
Had the following

From the Quarter Master General

Forwarding mem^o of 21st
October 1865 from Colonel Orr
with a comparative statement
enclosed showing the difference that
exists in the rules of the P.M.G.
in Bengal and Madras & suggests
for the reasons assigned that the
Madras rules may be simplified &
otherwise improved.

With the foregoing letter, the
Quarter Master General submits,
with remarks, a memo showing
in juxtaposition the rules re-
lating to military works in
Bengal and those prevailing
in the Madras Presidency,
and states that His Excellency
the Com-in-Chief is of opinion
that the Madras rules should
be assimilated to those of
Bengal and published to the
Army.
The Government observe

1865-09-27

that the difference between the Bengal and Madras rules, although considerable in points of minor detail, is not sufficient to affect materially the working of the rules, or to make any marked distinction between the practice which obtains in the two Presidencies. It does not therefore appear that anything would be gained by adopting the Bengal rules for guidance in Madras -

With regard to the point specially noticed in para 5 of the Quarter Master General's letter, which requires, in the case of a new building the submission, for the approval of Government, of an approximate estimate previous to the preparation of the detailed plan and estimate, it is to be observed that a precisely similar rule obtains in the case of buildings connected with every other Department of Government. The rule is

a good one, and though, as remarked by the Quarter Master General, it has not invariably been observed in the case of military buildings, it has when followed been found to work well, and should be retained in the P. W. Code.

The Government have no objection to His Excellency the Commander in Chief's proposal to publish to the Army in a collected form the rules relating to military buildings which are contained in the various Chapters and Sections of the Madras Public Works Code -

7 of the Military Dept. H. B. 2 London
Dec 7th December
A. B.

of 1865 Dept
Proc. of Govt for Deer

No. 8691
Proc. of the Govt
of D. Deer &c.

Rule relating to duty work
in Bengal & those residing in
the Madras Pres. &c. &c. &c.
on letter from the Dir. Genl
submitting a Memo showing
in juxtaposition the...

No. 118. 119.