

GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

READ—the following papers :—

From Major W. L. C. BADDELEY, R.E., Executive Engineer, Tinnevely Division, to the Superintending Engineer, VI Circle, Trichinopoly, dated Palamcottah, 5th December 1893, No. 3848.

In reference to your No. 229-T.N., dated 26th June 1893, I have the honour to forward herewith a completion certificate for the results middle school at Pathamadai, Ambásamudram taluk.

2. The original plan and estimate are returned herewith.

3. I would draw your attention to the fact that there appears to be no useful purpose served by this department making an estimate of the value of the work as completed. The plan and estimate in the first place were passed by the Superintending Engineer, and when a completion certificate is required I think it should be sufficient to certify "that the deviations are not of such a nature as to affect the stability or the suitability of the building and that the general arrangement of the plan of the building has been followed."

In the present case the whole building has been measured up and its value estimated at Rs. 4,021 or Rs. 42-4-0 in excess of the estimate ; there is no record of the sum the building actually cost to build, which is far more important.

I would suggest that the rules laid down in G.O., dated 20th July 1893, No. 1873 W., be modified so that the certificate may not involve measuring up and estimating the value of a building in which no important deviations have been made and that the actual cost of the building should be entered on the certificate for purposes of comparison with the estimated cost.

No. 807-T.N.

Copy to the Chief Engineer, Public Works Department, for orders.

2. I am also of opinion that no useful purpose is served by drawing up a list of deviations and cost. The great thing is to see that the work is of a substantial nature and has been generally carried out in accordance with the plan and estimate.

TRICHINOPOLY,
11th December 1893.

(Signed) A. W. SMART, Lieut.-Col., R.E.,
Superintending Engineer, VI Circle.

No. 4385-C.

Referred to the Educational Department, with advertence to G.O., dated 20th June 1893, No. 1873 W.

18th December 1893.

(Signed) J. PENNYCUICK, Col., R.E.,
Secretary to Govt., P.W.D.

From the Hon'ble Mr. A. MONRO, M.A., B.C.L., Acting Director of Public Instruction, to the Chief Secretary to Government, dated Madras, 7th April 1894, No. 3188.

Referring to Government endorsement (herewith returned), dated the 23rd December 1893, No. 2326, I have the honour to submit the following remarks.

2. The practice now obtaining in the disposal of applications for building grants is that the plans and estimates received in accordance with Article 1, clause 4, of Chapter X of the Grant-in-aid Code are first referred for the opinion of the Public Works Department before any grant is sanctioned or passed. The necessity for this procedure has been explained in Dr. Duncan's letter, No. 6619, dated the 15th June 1893, embodied in G.O., dated the 20th July 1893, No. 1873 W., and, in fact, has already been admitted by Government and the Chief Engineer in G.O., dated 10th May 1890, No. 333, Educational, and the Chief Engineer's note embodied in it. Grants are invariably refused for buildings regarding which the Director was not consulted and for which aid was not promised previous to their erection. Article 1, clause 6, of Chapter X of the old code, and Article 4 (1), Chapter VII, of the revised code, require that "previous to the disbursement of the grant it should be certified in the prescribed form by the Engineer or other responsible officer deputed to examine the building that the work has been proceeded with or completed, as the case may be, in accordance with the approved plan and estimate." Before authorising payment of the grant, the Director has to satisfy himself that the work was executed in conformity with the plans and estimates already approved; hence the necessity for a second reference to the Public Works Department for a completion certificate. Should any serious deviations be pointed out by the Engineer, such as would affect the stability or suitability of the building, payment is refused; but should it be found upon the Engineer's evidence that the whole of the approved estimate was not expended, a proportionate deduction is made from the amount of grant. It is only in cases in which the Engineer certifies that not less than the amount of estimate has been expended and that the work concerned has been completed according to the plan and estimates approved that the total grant is passed for payment.

3. On the Chief Engineer representing that this double reference to his department involved considerable additional labour, it was decided by Government (G.O., dated 20th July 1893, No. 1873 W.) that the first reference may be dispensed with in the case of plans and estimates prepared by District Board Engineers for local fund works up to Rs. 2,500. A form of completion certificate has also been prescribed, and particulars of dimensions and cost are required to be given in it as regards any deviations from the sanctioned estimate.

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In the present case the whole building has been measured up and its value estimated at Rs. 4,921 or Rs. 42-4-0 in excess of the estimate; there is no record of the sum the building actually cost to build, which is far more important.

I would suggest that the rules laid down in G.O., dated 20th July 1893, No. 1873 W., be modified so that the certificate may not involve measuring up and estimating the value of a building in which no important deviations have been made and that the actual cost of the building should be entered on the certificate for purposes of comparison with the estimated cost.

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(Signed) J. PENNYCUICK, Col., R.E.,
18th December 1893. Secretary to Govt., P.W.D.

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No. 781.

Referred to the Public Works Department for favour of remarks.

OOTACAMUND,
20th April 1894.

(Signed) A. BUTTERWORTH,
Under Secretary.

Note by the Chief Engineer, Public Works Department.

I cannot concur in Lieutenant-Colonel Smart's objections to the present form of certificate, which was adopted by Government after full consideration.

2. No additional measurements are necessary in cases where the sanctioned plan has been followed, but where deviations have been made it is necessary that their effect upon the cost of the building should be shown, and this can only be done by detailed measurements.

3. It should be clearly understood, however, that it is only the deviations that are to be measured, and not the whole building, unless the original plan has been ignored altogether.

4. I agree with the Director of Public Instruction that there is no objection to a Public Works officer requiring a statement of actual cost before he commences his scrutiny of a building, but this statement cannot be implicitly accepted; the correspondence which terminated with G.O. (Educational), No. 333, of 10th May 1890, show that such acceptance would frequently involve payment of an unduly large grant-in-aid.

OOTACAMUND,
24th April 1894.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Chief Engineer, P.W.D.

No. 46-D.

Transferred to the Educational Department, and the referred papers returned.

OOTACAMUND,
25th April 1894.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Government, P.W.D.

ORDER—dated 10th May 1894, No. 321, Educational.

The Government concurs with the Chief Engineer.

(True Extract.)

J. F. PRICE,
Chief Secretary.

To the Public Works Department.
" Director of Public Instruction.

Gobt. of {1894} Madras.

EDUCATIONAL.

Issued

Recd.

Encl.

G.O., 10th MAY 1894, No. 321.

MAY.

Completion Certificate.

Accepting the Chief Engineer's opinion in regard to a proposal that in granting a — to a building, the Public Works Department should not be put to the necessity of measuring and estimating the value of the building and that the actual cost of the building should be entered on the certificate.

10TH MAY 1894, No. 321, EDUCATIONAL.

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Exd. A. Raitt.

Gobt. of {1894} Madras.

EDUCATIONAL.

No. 1345 way 30 May 1894

Communicated
to Suply. Engineers for
information and
guidance.

(2d) J. P.
W

Issued

Recd.

Encl.

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C. A. to Govt.

10TH MAY 1894, No. 321, EDUCATIONAL.

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TRICHINOPOLY,
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(Signed) SMART, Lieut.-Col., R.E.,
Superintending Engineer, VI Circle.

No. 43

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18th December 1893.

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Secretary to Government, P.W.D.

ORDER—dated 10th May 1894, No. 321, Educational.

The Government concur with the Chief Engineer.

(True copy.)

J. F. PRICE,
Chief Secretary.

To the Public Works Department.
" Director of Public Instruction.

Exd. A. Raitt.

With order

Gobt. of {1894} Madras.
EDUCATIONAL.

No. 1345 W. d. 30 May 1894.

Communicated to
Suptg. Engineers for in-
formation and guidance.

(Ed.) J. P.

W.

Issued

Recd.

Encl.

G.O., 10th MAY 1894, No. 321.

MAY.

Completion Certificate.

Accepting the Chief Engineer's opinion in regard to a proposal that in granting a — to a building, the Public Works Department should not be put to the necessity of measuring and estimating the value of the building and that the actual cost of the building should be entered on the certificate.

10TH MAY 1894, No. 321, EDUCATIONAL.

GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

READ—the following papers:—

From Major W. L. C. BADDELEY, R.E., Executive Engineer, Tinnevely Division, to the Superintending Engineer, VI Circle, Trichinopoly, dated Palamcottah, 5th December 1893, No. 3848.

In reference to your No. 229-T.N., dated 26th June 1893, I have the honour to forward herewith a completion certificate for the results middle school at Pathamadai, Ambasamudram taluk.

2. The original plan and estimate are returned herewith.

3. I would draw your attention to the fact that there appears to be no useful purpose served by this department making an estimate of the value of the work as completed. The plan and estimate in the first place were passed by the Superintending Engineer, and when a completion certificate is required I think it should be sufficient to certify "that the deviations are not of such a nature as to affect the stability or the suitability of the building and that the general arrangement of the plan of the building has been followed."

In the present case the whole building has been measured up and its value estimated at Rs. 4,021 or Rs. 42-4-0 in excess of the estimate; there is no record of the sum the building actually cost to build, which is far more important.

I would suggest that the rules laid down in G.O., dated 20th July 1893, No. 1873 W., be modified so that the certificate may not involve measuring up and estimating the value of a building in which no important deviations have been made and that the actual cost of the building should be entered on the certificate for purposes of comparison with the estimated cost.

No. 807-T.N.

Copy to the Chief Engineer, Public Works Department, for orders.

2. I am also of opinion that no useful purpose is served by drawing up a list of deviations and cost. The great thing is to see that the work is of a substantial nature and has been generally carried out in accordance with the plan and estimate.

TRICHINOPOLY,
11th December 1893.

(Signed) A. W. SMART, Lieut.-Col., R.E.,
Superintending Engineer, VI Circle.

No. 4385-C.

Referred to the Educational Department, with advertence to G.O., dated 20th June 1893, No. 1873 W.

18th December 1893.

(Signed) J. PENNYCUICK, Col., R.E.,
Secretary to Govt., P.W.D.

From the Hon'ble Mr. A. MONRO, M.A., B.C.L., Acting Director of Public Instruction, to the Chief Secretary to Government, dated Madras, 7th April 1894, No. 3188.

Referring to Government endorsement (herewith returned), dated the 23rd December 1893, No. 2326, I have the honour to submit the following remarks.

2. The practice now obtaining in the disposal of applications for building grants is that the plans and estimates received in accordance with Article 1, clause 4, of Chapter X of the Grant-in-aid Code are first referred for the opinion of the Public Works Department before any grant is sanctioned or passed. The necessity for this procedure has been explained in Dr. Duncan's letter, No. 6619, dated the 15th June 1893, embodied in G.O., dated the 20th July 1893, No. 1873 W., and, in fact, has already been admitted by Government and the Chief Engineer in G.O., dated 10th May 1890, No. 333, Educational, and the Chief Engineer's note embodied in it. Grants are invariably refused for buildings regarding which the Director was not consulted and for which aid was not promised previous to their erection. Article 1, clause 6, of Chapter X of the old code, and Article 4 (1), Chapter VII, of the revised code, require that "previous to the disbursement of the grant it should be certified in the prescribed form by the Engineer or other responsible officer deputed to examine the building that the work has been proceeded with or completed, as the case may be, in accordance with the approved plan and estimate." Before authorising payment of the grant, the Director has to satisfy himself that the work was executed in conformity with the plans and estimates already approved; hence the necessity for a second reference to the Public Works Department for a completion certificate. Should any serious deviations be pointed out by the Engineer, such as would affect the stability or suitability of the building, payment is refused; but should it be found upon the Engineer's evidence that the whole of the approved estimate was not expended, a proportionate deduction is made from the amount of grant. It is only in cases in which the Engineer certifies that not less than the amount of estimate has been expended and that the work concerned has been completed according to the plan and estimates approved that the total grant is passed for payment.

3. On the Chief Engineer representing that this double reference to his department involved considerable additional labour, it was decided by Government (G.O., dated 20th July 1893, No. 1873 W.) that the first reference may be dispensed with in the case of plans and estimates prepared by District Board Engineers for local fund works up to Rs. 2,500. A form of completion certificate has also been prescribed, and particulars of dimensions and cost are required to be given in it as regards any deviations from the sanctioned estimate.

4. The Superintending Engineer, VI Circle, now requests that, in granting completion certificates, the Public Works Department "should not be put to the necessity of measuring and estimating the value of the building, and that information should be furnished as to the actual cost of the building." He apparently means that the grant to be paid may be determined by the assurance of the owner of the building as regards the amount actually spent by him.

5. In the interests of the department, I submit that it would be exceedingly unsafe to pass a grant from public funds on the strength of a manager's statement unverified by an expert responsible to the department. A mere certificate from a Public Works officer to the effect that "the deviations are not of such a nature as to affect the stability or the suitability of the building and that the general arrangement of the approved plan of the building has been followed" cannot answer the purpose. Details are absolutely necessary to see what amount of grant should be actually paid. Measuring the building and estimating its value are, therefore, indispensable. In short, I would deprecate any modifications being made in the present procedure. I see no objection, however, to the Public Works officer requiring a statement of the actual cost of the building before he commences his scrutiny for the purpose of granting a completion certificate, but this statement would be inadequate as his guide in granting a completion certificate in the form prescribed.

No. 781.

Referred to the Public Works Department for favour of remarks.

OOTACAMUND,
20th April 1894.

(Signed)

A. BUTTERWORTH,
Under Secretary.

Note by the Chief Engineer, Public Works Department.

I cannot concur in Lieutenant-Colonel Smart's objections to the present form of certificate, which was adopted by Government after full consideration.

2. No additional measurements are necessary in cases where the sanctioned plan has been followed, but where deviations have been made it is necessary that their effect upon the cost of the building should be shown, and this can only be done by detailed measurements.

3. It should be clearly understood, however, that it is only the deviations that are to be measured, and not the whole building, unless the original plan has been ignored altogether.

4. I agree with the Director of Public Instruction that there is no objection to a Public Works officer requiring a statement of actual cost before he commences his scrutiny of a building, but this statement cannot be implicitly accepted; the correspondence which terminated with G.O. (Educational), No. 333, of 10th May 1890, show that such acceptance would frequently involve payment of an unduly large grant-in-aid.

OOTACAMUND,
24th April 1894.

(Signed)

J. PENNYCUICK, Colonel, R.E.,
Chief Engineer, P.W.D.

No. 46-D.

Transferred to the Educational Department, and the referred papers returned.

OOTACAMUND,
25th April 1894.

(Signed)

J. PENNYCUICK, Colonel, R.E.,
Secretary to Government, P.W.D.

ORDER—dated 10th May 1894, No. 321, Educational.

The Government concurs with the Chief Engineer.

(True Extract.)

W. H. P. H.
Under Secretary
for Chief Secretary.

To the Public Works Department.
" Director of Public Instruction.

Exd. A. Raiff.

10-P.C.

Govt. of {1894} Madras.

EDUCATIONAL.

No. 1345 W. of 30 May 1894.

B

Communicated

to Suptg. Engineers for
information and guidance.

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25/5/94

G.O., 10th MAY 1894, No. 321.

205

MAY.

Completion Certificate.

Accepting the Chief Engineer's opinion in regard to a proposal that in granting a — to a building, the Public Works Department should not be put to the necessity of measuring and estimating the value of the building and that the actual cost of the building should be entered on the certificate.

with order

with order

22nd May 1894

Recd

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Suptg. Engrs.

C. A. to Govt.

1 enclosure to P. W. Dept
22nd May 1894