(1) பக்கங்களின் எண்ணிக்கை 24 12

(2) புதுக்கித் திருப்பிய நாள் அக். 89

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

பொதுப்பணித் துறை

அரசாணை எண். 1587. W

மு. கோப்புத் தாள் எண்.

அச்சகம்

நாள் : 7. 6. 1890.

198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

ஆவண கா-1—18,000—15-6-87.

GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

READ—the following papers :—

From W. N. POGSON, Esq., F.S.A., Architect, to the Acting Chief Engineer, Public Works Department, Chepak, dated Madras, 7th December 1889.

I have the honor to inquire whether, in the case of a grant-in-aid being solicited by any of my clients for buildings eligible for such grants, the Assistant Engineer, North Sub-division, or any other officer, has the power to reduce, after execution, my rates in the detailed estimate, and, after this reduction, to forward a revised estimate to my client for his perusal.

2. The consequence of this procedure is that my client forwards me the Assistant Engineer's revised estimate, and asks me to explain why an overcharge has been made.

3. I refer particularly to a school lately erected by me for my client, the Secretary of the Free Church of Scotland Mission, which, after its completion, was submitted for a Government grant through the Secretary to the Director of Public Instruction and thence to the Assistant Engineer, North Sub-division.

4. I wish to point out to you the damage the Assistant Engineer, or any other officer, can do me in the eyes of my clients; and I further consider that he has, by submitting a revised estimate in detail, lowered my status, as a duly-qualified architect and quantity surveyor, to that of an ordinary contractor; representing to my client that I have passed work at an overcharge, which is unfounded.

5. Surely, the Government could assess buildings submitted for grants at a sum based upon a nett annual rental capitalized at so many years' purchase, without using such arbitrary measures towards a civil architect as revising his rates and informing his client of the *supposed* surplus.

6. The rates of the Assistant Engineer are not applicable to architectural masonry, and had he any experience of architectural detail and labor, he would not attempt to rate artistic work at engineering building rates.

7. I hold that this procedure has considerably damaged my reputation as an architect in the mind of my client, and I further say that, if this procedure is not enforced by Government, the Assistant Engineer has failed to show that professional etiquette that should always exist between the two nearly allied professions of Engineer and Architect, whether in Government or civil employ.

8. Trusting you will inquire into this matter and prevent such procedure being enforced in future, as I have other buildings about to be submitted to Government for grants-in-aid,—I have, &c.

No. 5874-C.

Referred to the Superintending Engineer, V Circle, for very early report.

2. The correspondence between the Director of Public Instruction and the Public Works Department, regarding the scrutiny of the plan and estimate for the Scottish Mission school, should be submitted with the Superintending Engineer's reply.

(Signed) W. L. C. BADDELEY, Captain, R.E.,
Dy. Chief Engineer, P.W.D.

14*th December* 1889.

From Colonel W. H. BURTON, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepak, 17th January 1890, No. 6722.

With reference to your No. 5874-C, dated 14th December 1889, I have the honor to forward correspondence as per accompanying list.

2. Lieutenant Milne, in my opinion, properly complied with the instructions he received as representative of the Director of Public Instruction.

3. These were, to give his opinion "on the suitability of the building, Girls' School, Free Church of Scotland Mission, for school purposes;" to give his opinion "on the correctness of the estimate;" to say whether "the building had, or had not, been completed according to the plans;" and to help him in the performance of this, an estimate was received in my office on the 28th December 1889, *i.e.*, far too late to be of any use. The instructions of the Director of Public Instruction were necessary because, if the building by its plan appeared unsuitable as a girls' school, or was more expensive than usual Madras rates for work shown in the building would justify, or had not been completed as per plan and estimate, the Director of Public Instruction appeared to intend not to pay Mr. Pogson's employer, the Secretary of Free Church Scotland Mission, for it.

4. Lieutenant Milne reports—

(1) that the building is built according to the plan, and is well suited as a girls' school;
(2) that its estimated cost, Rs. 16,652, is excessive, and should be only Rs. 13,566.

5. Lieutenant Milne and the Secretary of the Free Church Scotland Mission appeared to think that the cost of other buildings as—

Latrine for girls,	Compound wall,
Play-ground,	

and other items formed a portion of his instructions, but as the estimates for these did not reach me either through Director of Public Instruction or otherwise, I think he need not have inquired into the details or cost thereof.

6. Lieutenant Milne in his valuation adhered strictly to the rates prevailing in the Presidency Division, except that he allowed As. 3 in lieu of As. 2-9 per cubic foot for brick work, but only As. 3-6 and not As. 3-7 per cubic foot for arch work.

7. If Government gives grants in aid of new buildings or of repair of existing buildings, it necessarily requires a certificate from some one of its officers on the points required by Mr. Grigg. It would, however, be far easier for us to grant the certificate required, for instance, as regards a new building, if we were allowed *to see the plan and estimate before one rupee's worth of work was done*, or if, in the case of repairs, we were allowed *to see the building in its unrepaired state* rather than only when repairs have been quite finished.

8. As regards Mr. Pogson's complaint, Lieutenant Milne has done him no damage in the eyes of his clients wittingly or maliciously. As Lieutenant Milne thought the building should only cost Rs. 13,566, he could not report otherwise than he had done, and could not but disregard whose toes he trod on thereby.

9. Then Mr. Pogson suggests that, for the purpose of giving grants-in-aid on account of buildings, the buildings should be otherwise assessed, viz., on process "based upon a nett annual rental capitalized at so many years' purchase," whereupon the rental would be an arbitrary figure and so would the number of years' purchase, and to decide the rental we should try and discover the actual cost, and thence the percentage of cost *plus* an arbitrary percentage for repairs would become the rental; in short, there is no such sure way to discover the cost as to measure and value the cost of building in details.

10. Lieutenant Milne did communicate freely with the Secretary of the Free Church Scotland Mission, and it is not his fault that he could not agree with Mr. Pogson, or that the Mission could not remove or shake his objections to the estimate.

Note by the Acting Chief Engineer, Public Works Department, dated 24th January 1890.

Under clause 4, rule 1, chapter X, Grant in-aid Code, applications for building grants must be accompanied by a plan of the proposed building and an estimate of the cost of the work, which plan and estimate will be retained in the Director's or the Local Board's office.

2. Clause 6 of the same rule declares that, previous to the disbursement of the grant, it shall be certified by the District Engineer or other responsible officer who may have been deputed to examine the building, that the work has been proceeded with or completed, as the case may be, as provided for in the plan and estimate previously sanctioned.

3. If the Director or the Local Board requires the assistance of the Public Works Department to scrutinise the plan and estimate, this help will, of course, be given, but in such cases, the officers of the Public Works Department must be guided by departmental rates in criticising the estimate. When, however, a plan and estimate have already been sanctioned and the work completed, it is submitted that the Public Works Department can only act under clause 6, and certify that the building has, or has not, been completed in accordance with the plan and estimate. The whole point is, that if scrutiny is required, the estimate must be scrutinised as regards rates *before* the work is sanctioned. Failing this, the officers of the Public Works Department are placed in an unpleasant and invidious position.

4. In the case referred to in the present correspondence, the Sub-divisional officer did no more than his duty in complying with the Director's requisition.

5. It seems desirable that the duty which Public Works officers are called upon to perform in such cases should be clearly defined, and this is a question for consideration in the Educational Department.

6. It is further a question for consideration whether, in the case of grants made from Local Funds, the Public Works Department should not receive credit for the labor involved in the scrutiny of plans and estimates under the same rules which govern the grant of contributions for the scrutiny of plans and estimates for works carried out from Local and Municipal funds.

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Ag. Chief Engineer, P. W. D.,
General Buildings and Roads Branch.

No. 547-C.

MEMORANDUM.

Transferred to the Educational Department, for consideration.

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Ag. Chief Engineer, P.W.D.,
General Buildings and Roads Branch.

MADRAS,
31*st January* 1890.

To the Educational Department, with papers in original.

From D. DUNCAN, Esq., M.A., D.Sc., Acting Director of Public Instruction, to the Chief Secretary to Government, dated Madras, 20th March 1890, No. 2882.

Adverting to current No. 117, dated 15th February 1890, I have the honor to state that the plans and estimates of the Free Church Mission boarding school were

forwarded to the Superintending Engineer, V Circle, as required by Chapter X, Article 1, of the Grant-in-aid Code. Mr. Grigg appears to have considered himself precluded, in view of G.O., No. 491, dated 11th March 1884, from referring the plans and estimates to any officer but the Superintending Engineer of the Circle.

2. It is usual to obtain the opinion of a Public Works Department officer on the plans and estimates before a school building for which a grant is sought is permitted to be begun; but in this case the manager of the school, for some special reason, almost immediately after he had made the application for grant, requested the Director's permission to proceed with the work, undertaking at the same time to make any alteration which a Government Engineer might insist upon as essential. Permission was accordingly granted to begin the building, without waiting till the plans and estimates had been passed by the Superintending Engineer. No intimation of the building having actually been commenced was received; but on the 16th September 1889, the Manager reported that the work was completed. Between the month of March 1888, when Mr. Grigg sanctioned the work being begun, and the month of September 1889, when the Manager intimated that the work was completed, there was time to refer the plans and estimates to the Public Works Department. Through oversight this reference was not made until after the building had been completed. In scrutinizing the plans and estimates subsequent to the completion of the work, the sub-divisional officer kept strictly within the lines of his duty. It would have been useless to have certified in a case like this merely that the works were completed in accordance with the plans and estimates; the object of the reference to the Public Works Department being to ascertain the nature, as well as the value, of the work done. A provision of the kind suggested in paragraph 5 of the Acting Chief Engineer's note is not called for when the ordinary procedure is followed, namely, to obtain the opinion of the Public Works Department on the plan and estimates before the work is begun.

3. I may observe also that the estimates for a latrine, the compound wall, and the play-ground, scrutinized and remarked on by the Assistant Engineer, are among the estimates sent to that officer for scrutiny, the works concerned being necessary adjuncts to a boarding school for girls.

4. All the civil buildings in Madras having recently been transferred to the Consulting Architect to Government, he will be in future the officer to refer to for opinion on plans and estimates sent with local applications for building grants. I would recommend that the plans under reference may be referred to the Consulting Architect, as this would remove at least one ground of complaint made by Mr. W. N. Pogson, and would at the same time take away from the Manager of the school any ground of objection, should the Assistant Engineer's estimate be accepted.

5. The question which the Acting Chief Engineer raises in the last paragraph of his note involves many important issues, and its consideration need not be taken up at present.

6. As the Manager is anxious to receive the building grant as early as possible, I beg to request that very early orders may be passed on this subject.

ORDER—dated 10th May 1890, No. 333, Educational.

The Government declines to interfere in the matter of the complaints made by Mr. Pogson, Civil Architect. His rates and terms for the execution of work are matters between himself and his employers, with which the Government, which has its own professional officers to consult, has no concern. The Director of Public Instruction will dispose of the application for a building grant for the Free Church Mission Boarding School, Madras, on the basis of Lieutenant Milne's reports.

2. With the view of preventing future misunderstandings, the Government takes this opportunity of observing that the officers of the Public Works Department should regard themselves as the professional advisers of the Director of Public Instruction,

and should examine and scrutinize plans and estimates sent to them, with reference to departmental standards and rules, communicating their reports to the Director of Public Instruction alone. It is open to them to ask for explanation as to rates or other matters appearing in the papers furnished to them, but they should not—as Lieutenant Milne seems to have done—divulge the contents of their reports to the applicants for grants. With this exception, Lieutenant Milne's procedure meets with the full approval of Government.

3. As regards the course to be followed by the Director of Public Instruction, it is necessary that this officer should be furnished with plans and estimates by applicants for building grants, to enable him to judge of the proper grant to be made. If the estimates are considered excessive by the officers of the Public Works Department, the Director will act upon their professional opinion and inform the applicants that he will not sanction, or recommend for sanction, a grant in excess of what is estimated to be the proper charge by the Public Works Department. It is no part of the duty of the Director to sanction the commencement of any work, and works may even be completed before any grant is applied for. In the latter case, it will be necessary for the officers of the Public Works Department to examine the statement of the alleged actual, instead of the estimated, cost of the work.

(True Extract.)

J. F. PRICE,
Chief Secretary.

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

Exd. A. Raitt.

14/10/88

Govt. of {1890} Madras.

EDUCATIONAL.

R. 1587 W D 7 June 1890
Communicated to offices of the Public Works Department for information and Guidance
Supt Records

Issued

Recd. *Encl.*

G.O., 10th May 1890, No. 333.

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Ag. Chief Engineer, P. W. D.,
General Buildings and Roads Branch.

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(True Extract.) A. W. Bradley Major R.E
Under Secretary to G.
for Chief Secretary.

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

Exd. A. Raitt.

P W Cur. 5060

Memo No 547 dy 31.1.90

No. 1587 W dy 7 June 1890

Communicated to officers of the Public Works Department for information and guidance.

Govt. of {1890} Madras.

EDUCATIONAL.

14 Sc.

Issued

Recd. 21-5-90 Encl.

G.O., 10th May 1890, No. 333.

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Rec 17/6

Rc No. 1587 dy 7 June 1890

Rc No. 585 dy 15/11/89

637 dy 22/11/89

711 dy 12/12/89.

15 Aug

To Atlas ✓ 9/5/90

Copies. Applt to Govt

Secs. Architect

Exec. Engr. Accts

2 Copies to Applt.

Obs 30.VI.

Instr VI 5/6 5/13/6