

**With regard to Check Measurements by Assistant Executive Engineer / Executive Engineer.**

In G.O.Ms.No.574, PWD, dated 30.04.1974 and G.O.Ms.No.767, PWD, dated 11.04.1980 stipulates that -

**Assistant Executive Engineer**

The Assistant Executive Engineer should check 50% of all recorded measurements, 75% of hidden items of high unit value and his check measurements should cover 75% of value of the work.

**Executive Engineer**

In addition to check-measurement by the Assistant Executive Engineers, it is an important duty of Executive Engineers that, the Executive Engineer should during their inspections frequently check measure works which are in progress and they should test check at least 30% of the value of each work costing more than Rs. One Lakh and should maintain a register of such check measurements/test check. The number of check-measurements / test check by Executive Engineer should be at least 24 per annum.

**With regard to Check Measurements by Superintending Engineer,**

In G.O.Ms.No.75, PWD, dated 20.01.1976 / G.O.Ms.No.2681, PWD, dated 11.11.1986 / Chief Engineer (General), letter No. CTO / A / 158932 / 89, dated 27.02.1989 stipulates that -

**Superintending Engineer**

Superintending Engineers should make it a special point to see that these rules are duly observed, besides inspecting in detail all works above a value of Rs. 10.00 lakhs and certify that they conform to approved designs and estimates and also free from noticeable defect.

Works costing more than Rs. 10.00 Lakhs in agreement value should be super checked by the Superintending Engineer and a certificate issued by the Superintending Engineer as stipulated in Para 297 of TNPW 'A' Code.

## GOVERNMENT OF TAMIL NADU

## ABSTRACT.

[ADMINISTRATIVE REFORMS COMMISSION—Report on Public Works Department Administration—Delegation of Technical powers to officers of the Public Works Department at various levels—Recommendations—Orders issued.]

(G.O. Ms. No. 574, Public Works, 30th April 1974.)

READ—the following:—

1. From the Secretary, Administration Reforms Commission Letter No. 1011/73-1, dated 25th April 1973.
2. From the Director of Ground Water Letter No. E-1/1535-8/78, dated 16th July 1973.
3. From the Chief Engineer PAP. D.O.Lr. No. P-1/18971/72-5, dated 10th August 1973.
4. From the Chief Engineer (Irrigation) D.O. Lr. No. E-1/52978/73, dated 13th August 1973.
5. From the Chief Engineer (Buildings) D.O. No. Wks. III/2/96552/73-2, dated 14th August 1973.
6. From the Chief Engineer PWD. (General) D.O. Lr. No. AD. I/1/84600/73, dated 22nd August 1973.

## ORDER:

The Administrative Reforms Commission in its report on the Public Works Department, Administration, has remarked that the powers delegated to the various officers of the Public Works Department which are in terms of money value have over a period of years undergone changes. In view of the increase in the cost of materials, labour, etc., these powers have to be revised for the purpose of making a fuller utilisation of the capacities of the various Administrative Units. After also comparing the existing powers vested on the officers at corresponding levels in the Kerala Public Works Department and Central Public Works Department, the Commission has made the recommendations:—

**RECOMMENDATION No. 32:**—Technical powers may be delegated to the various officers as suggested in Annexure XI of the report.

**RECOMMENDATION No. 33:**—Power to accept Tender excesses may be reduced to 5 per cent uniformly at all levels.

**Recommendation No. 34.**

In order to free the Superintending Engineer, from their desk work are to enable them to perform their inspecting and

supervisor functions effectively, the post of personal Assistant to the Superintending Engineers may be upgraded from Assistant Engineers to the Executive Engineers level.

**Recommendation No. 35.**

The Assistant Engineer, should check 50 percent of all recorded measurements 75 percent of all hidden items and items of high unit value and his check measurement should over 75 percent of value of the work. The Executive Engineer, should check 10 percent of all measurements in respect of work valued at Rs. 50,000 and above. The items checked by him should cover the types which lend themselves easily to fraudulent practices. The Superintending Engineer should inspect in detail all works above of Rs. 3.00 lakhs and certify their conformity to approved designs and estimate and freedom from noticeable defects.

2. The Government have carefully examined the recommendation of the commission in consultation with Heads of Department and other concerned and pass the following orders.

**Recommendation No. 32.**

The Government accept the recommendation of the Commission as shown in the annexure to this order.

**Recommendation No. 33.**

Order have already issued on the subject in G.O. Ms. No. 1156, Public Works Department, dated 20th July 1973 reducing tender excess to 5 per cent.

**Recommendation No. 34.**

The Government direct that the post of personal assistant to the Superintending Engineer, in the grade of Assistant Engineers be upgraded to that of Executive Engineer, subject to the condition that no additional post of Assistant Engineers grade is claimed later on.

**Recommendation No. 35.**

The Government accept the recommendation of the Commission in respect of the Assistant Engineers and Superintending Engineers in respect of the Executive Engineers the Government direct that they should check 10 per cent of all measurements of the works valued at Rs. 50,000 and above. The Chief Engineer is directed to issue suitable guidance for effective implementation of this recommendation.

(By order of the Governor.)

A. VISHVANATHAN,  
Deputy Secretary to Government.



Rs. 40,000 to Rs. 1.00 lakh. The Chief Engineer (General) has therefore stated that the powers of Executive Engineers for registering the contractors under Class IV and V may be enhanced consistent the orders in G.O.Ms.No.574, Public Works, dated 30th April 1974.

2. The Government accept the proposal of the Chief Engineer (General) in paragraph one above and accordingly, direct that monetary limits for registering contractors under class IV and V be enhanced upto Rs. 1.00 lakh and upto Rs. 40,000 respectively.

3. The Chief Engineer (General) is requested to send draft amendments to Tamil Nadu Public Works 'D' Code in due course.

4. This order issues with the concurrence of the Finance Department Vide its U.O.No.160647/PW/79-1, dated 14th January 1980.

(By order of the Governor)

**B. VIJAYARAGHAVAN,**  
*Commissioner and Secretary to Government.*

Copy of:

### GOVERNMENT OF TAMIL NADU

#### Abstract

Public Works Department - Ways means to tone up Administration - Recommendation of Secretaries Committee regarding Check measurements of works - Accepted - Orders Issued.

#### PUBLIC WORKS

**G.O.Ms.No.767,**

**dated 11th April 1980.**

Read again: G.O.Ms.No.574, Public Works, dated 30th April 1974.

Read also: G.O.Ms.No.583, Public Works, dated 25th March 1980.

#### Order:

According to G.O.Ms.No.574, Public Works, dated 30th April 1974 the Assistant Engineer (now Assistant Executive Engineer) should check 50% of all recorded measurements 75% of all hidden items and items of high unit value and his check measurements should cover 75% of the value of the work. The Executive Engineer should check 10% of all measurements in respect of works valued at Rs. 50,000 and above. The Superintending Engineer should inspect in detail all works above, a value of Rs. 3.00 lakhs and certify their conformity to approved designs and estimates and freedom from noticeable defects.

2. The Committee of Secretaries under the Chairmanship of Chief Secretary has made inter alia, the following recommendation regarding check measurements:—

"At present, the responsibility for check measurement of works stops at the level of Assistant Executive Engineer. This will not suffice. It should be made obligatory on the part of the Executive Engineer to test check at least 30 per cent of works costing more than Rs. One Lakh.

3. The Government accept the recommendation of the Committee and have decided that the Executive Engineer should test check atleast 30% of works costing more than one lakh.

4. The orders in the Government order 1st read above will be deemed to have been modified to the extent.

5. The Chief Engineer (B) is requested to submit draft-amendments to code rules.

(By order the Governor)

**B. VIJAYARAGHAVAN,**  
*Commissioner and Secretary to Government.*

(True Copy)



Endorsement No. CTO (A)/135508/82, dated 2nd June 1983.

Copy with a copy of G.O. Ms. No. 1465, Public Works, dated 22nd July 1982 and Government's letter No. 6662/G2/82-4, Public Works, dated 25th May 1983 are communicated to the Superintending Engineers of all circles for immediate adoption of Government Orders. They are requested to watch the working of this orders and to send their review report as on 31st December 1983 so that the matter could be examined for any modification/revision.

The Superintending Engineers are requested to acknowledge the receipt of this Endorsement by return post.

S. J. AMBROSE,  
Chief Engineer, P.W.D. (GI).

#### GOVERNMENT OF TAMIL NADU.

##### Abstract.

Contracts—Payment to contractors—Retention of 2½ per cent of final payment for two years—Orders issued.

(G.O. Ms. No. 1465, Public Works, dated 22nd July 1982.)

##### READ:—

From the Chief Engineer (Buildings), Lr. No. Wks. II.2/187208/79, dated 7th October 1981.

##### ORDER:

The question whether a guarantee should be insisted upon from the contractors undertaking Governments works to the effect, that the works carried out by them should be signaturally sound for a period of five to ten years has been examined by the Government and the following Orders are issued.

2. At present 2½ per cent of the total value of the work executed by a contractor is retained for a period of six months reckoned from the date of completion of work, to direct the work and get all the defects noticed during that period rectified by the contractors. The Government direct that hereafter, 2½ per cent of the total value of the work should be retained for a period of two years from the date of completion of work, in order to enable the departmental officers to watch the effect of all seasons on the work. An infinity bond should be obtained from the contractors for a further period of three years.

3. The Chief Engineer, Public Works Department (General) is requested to send proposals to the Government for issuing amendments to the code rules with reference to this order.

4. The Chief Engineer, Public Works Department (General) is also requested to issue suitable instructions to all the field officers in—and end a copy of it to the Government.

5. The receipt of this Government order may be acknowledged.

(By order of the Governor.)

C. RAMACHANDRAN,  
Commissioner and Secretary to Government.

Copy of D.O. Lr. No. 66662/G-2/82-84, dated 25th May 1983 from the Deputy Secretary to Government, Public Works Department, Madras-9 to the Chief Engineer, Public Works Department (General), Madras-9.

Subject.—Contracts—Payment to contractors—Retention of 2½ per cent of final payment for two years—Orders issued—Implementation of.

Reference.—Your Lr. No. CTO/A/135508/82, dated 13th April 1983.

1. It is considered that G.O. Ms. No. 1465, Public Works Department, dated 22nd July 1982 can be given a fair trial and the position reviewed after cited time.

2. I am therefore to request you to give effect to the G.O. Instructions may be issued to the field officers in the matter.

3. The receipt of this D.O. letter may please be acknowledged.

Copy of:

#### GOVERNMENT OF TAMIL NADU.

##### Abstract.

Codes—Tamil Nadu Public Works Account Code—Amendment to paragraph 297—Orders issued.

(G.O. Ms. No. 75, Public Works, dated 20th January 1976.)

##### READ AGAIN:

(G.O. Ms. No. 574, Public Works, dated 30th April 1974.)

##### READ ALSO:

From the Chief Engineer, Public Works Department (GI), Letter No. Codes 71132/74-1, dated 6/14th June 1974.

From the Accountant-General, Tamil Nadu Letter No. WMI (I) GC. 1/81, dated 27th August 1975.

##### ORDER:

In G.O. Ms. No. 574, Public Works Department, dated 30th April 1974 orders were issued among others regarding the norms of Check-measurement by Public Works Department Officers based on the recommendations No. 35 of the Administrative Reforms commission. With reference to these orders the following amendments are issued to paragraph 297 of Tamil Nadu Public Works Account Codes:

##### AMENDMENTS.

1. The following shall be added as note under paragraph 297 (1) (b):—

The Assistant Engineer should check 50 per cent of all recorded measurements, 75 per cent of all hidden items of high unit value and his check measurements should cover 75 per cent of value of the work.

2. For the existing paragraph 297 (2) substitute the following:—

In addition to check measurement by the sub-divisional officers, it is an important duty of Executive Engineers that they should during their inspections frequently check-measure works which are in progress and ensure that 10 per cent of all measurement of works valued at Rs. 50,000 and above are check measured and should maintain a register of such check measurements. The number of check measurements by Executive Engineers should be at least 24 per annum.

3. For the existing paragraph 297 (7) substitute the following:—

Superintending Engineers should make it a special point to see that these rules are duly observed besides inspecting in detail all works above a value of Rs. 3 lakhs and certify that they conform to approved designs and estimates and also free from noticeable defects.

4. This Order issues with the concurrence of the Finance Department vide its U.O. No. 153874/PWD/85-1, dated 13th November 1975.

(By Order of the Governor)

B. VIJAYARAGHAVAN,  
Secretary to Government



3. The Government also direct that the following procedure be followed at the time of Registration of contractors:-

(i) The new contractors without experience in any Government Department should be registered in class IV by the Executive Engineers. Only after one year, based on their experience in executing Government works, he or the firm may be promoted to the next higher classes.

(ii) The new entrants should remain in the lowest class (Class IV) for five years and the contractors should remain for one year in each of the higher classes (Class-III, II and IA) for getting promotion to the next higher classes.

(iii) Current solvency certificate should be verified at the time of registration sought for.

(iv) The percentage of solvency should be 20% of the value of the class of the registration sought for.

(v) The extra solvency certificate for the contractors already registered in a particular class should be obtained while promoting them to the higher classes.

4. The Chief Engineer (General), Public Works Department is requested to send necessary draft amendment to the relevant Codal provisions separately to the Government in due course.

5. This Order issues with the concurrence of the Finance Department, vide its U.O. No.117004/PW/85-1, dated 2nd December 1985.

(By Order of the Governor)

**H.B.N. SHETTY,**

*Commissioner and Secretary to Government.*

(True copy)

Copy of:

## GOVERNMENT OF TAMIL NADU

### Abstract

Public Works Department - Buildings - Issue of certificates by Superintending Engineer after inspecting the works - Enhancement of Existing Powers—Orders issued.

### PUBLIC WORKS

**G.O. Ms. No. 2681.**

**Dated 12th November 1986.**

READ AGAIN.—(1) G.O. Ms. No. 574, Public Works, dated 30th April 1974.

(2) G.O. Ms. No. 740, Public Works, dated 17th April 1982.

READ ALSO.—(1) Chief Engineer (Buildings), PWD Letter No. Audit-1/65987/84, dated 20th February 1985.

(2) Accountant-General-II, Tamil Nadu, Madras Letter No. AG. Audit/I/WM/General/84-85/138, dated 16th September 1985.

### Order:

According to the Orders issued in the G.O. first cited the Superintending Engineers should inspect in detail all works above a value of Rs. 3 lakhs and certify their conformity to approved Designs and Estimates.

2. The Chief Engineer (Buildings) has reported that in the present day cost conditions even should construction works be complete at the cost of more than Rs.3.00 lakhs and as such it is very difficult for the Superintending Engineers to inspect and to issue certificate in respect of all the buildings works costing more than Rs.3 lakhs in the G.O. second cited, the tender acceptance value of the work in respect of Superintending Engineers has been enhanced from Rs.5 lakhs to Rs.10 lakhs. The Chief Engineer (Buildings), Public Works Department has therefore suggested that the above powers may be enhanced.

3. The Government after careful examination accept the proposals of the Chief Engineer (Buildings) and accordingly direct that the Superintending Engineers should henceforth inspect in details all works above a value of Rs.10 lakhs (Rupees ten lakhs only) and certify the conformity to approved Designs and Estimates.

4. This Order issues with the concurrence of the Finance Department *vide* its U.O.No.68079/PW/86-1, dated 1st July 1986.

(By Order of the Governor)

**H.B.N. SHETTY,**

*Commissioner and Secretary to Government.*

(True copy)

Copy of:

Office of the Chief Engineer (General), PWD, Madras-5 Circular Memo No.CTO/A/179533/80, dated 8th December 1986.

*Sub:—Works - Deduction for voids from Stack Measurement of Gravel—Instructions issued.*

The Officers of this Department are often seeking clarification as to whether any deduction should be made towards voids for supplies of gravel for works, based on audit paras etc., In this regard the following instructions are issued for the guidance of the Officers of this Department.

2. For collection of Gravel for works, separately, only Stack Measurements are to be taken and that no deduction is to be made for voids while making payment. The Stack Measurement should be as contemplated in SS 2 of TNDSS under "Materials". The rates given in the schedule of Rates for 'Gravel' is for 1 cum. or 10 cum. of the Stack Measurement as such.

3. A copy of this office letter, dated 16th December 1984, addressed to Accountant-General is also enclosed for the information of the officers.

4. The Superintending Engineers of Circles are requested to issue suitable instructions to their Subordinates, in the matter.

5. The Superintending Engineers are also requested to acknowledge the receipt of this Circular Memo.

**N. BALASUBRAMANIAN,**

*Chief Engineer (General).*

*Encl:—Chief Engineer (General)'s Letter, dated 16th December 1984.*

(True copy)



complaints. Assistant Executive Engineers to open another register regarding the date of receipt of the Tender Notices of the other division/Circles and the date of display in the notice Boards of their offices so as to avoid complaints and to ensure wide publicity of tenders.

5. The receipt of this circular memo. Shall be acknowledged.

(S.D)...  
for Chief Engineer (Buildings).

(True Copy)

copy of

**OFFICE OF THE CHIEF ENGINEER, PWD., (BUILDINGS), MADRAS-600 005.**

Memorandum No.CTO/A/160598/89-1.

dated 20th February 1989.

Sub: Buildings- Designs prepared by the Superintending Engineer, PWD., planning and Designs Circle-Approval of-Instructions issued-regarding.

The Superintending Engineer, PWD., planning and Designs Circle, Madras prepares designs for various buildings and send them to Chief Engineer (B) for approval. But, according to the rules laid down in para 2 and para 120 of 'D' Code, the responsibility of Technical feature of all designs rests with the office of their origin. The superintending Engineer, PWD, Planning and Designs Circle is therefore informed that all designs prepared in the office of the superintending Engineer, PWD., Planning and designs Circle, Madras need not be sent to the Chief Engineer (B) for approval in future.

2. The Superintending Engineer, PWD., Planning and Designs Circle should approve and send design calculations for major buildings constructions including all formed structures and other complicated structures referred to him by the Superintending Engineers to the concerned Superintending Engineers/ Executive Engineers. for adoption during execution and he will be responsible for the correctness of the designs prepared by him as indicated in para 120 Tamil Nadu PWD 'D' Code.

3. However he should submit a copy of approved designs calculations within 2 weeks to chief Engineer (Buildings) for reference promptly.

4. The receipt of the Memo. may be acknowledged at once.

A.V. SATHYAKAMAN,  
Chief Engineer, PWD., (Buildings).

Copy of

**OFFICE OF THE CHIEF ENGINEER, PWD., (GENERAL), MADRAS-5**

Memo No. CTO/A/158932/89.

dated 27th February 1989.

Sub: PWD-Buildings-Issue of Certificate by Superintending Engineer after inspecting the works- Enhancement of Existing powers-orders issued-Clarification-Regarding.

Ref: 1 G.O.Ms.No.2681, PW, dated 12th November 1986.

2. DR.N.TS/Tol/F27/60 CE/89, dated 9th February 1989 (W.c) from the SE PWD PAP Ayacut Extension Circle, Pollachi.

Government in their G.O. First cited have issued orders, enhancing the existing monetary limit of R. 3 lakhs to Rs.10 lakhs i.e., all works over Rs.10 lakhs should be inspected by the superintending Engineer in detail and certify that the works had seen executed generally according to the approved design and estimate and that it is free from noticeable defects.

2. Now, the Superintending Engineer, PWD., P.A.P. Ayacut Extension Circle, Pollachi has requested in this connection to clarify as to whether the Superintending Engineer has to inspect in detail and certify their conformity to approved design and estimates and free from noticeable defects, for works, for which the value of the work put to tender and got executed by an agency is less than Rs.10 lakhs

eventhough these works are technically sanctioned above Rs. 10 lakhs including all L.S. Provisions, etc., or whether it is enough, if the Superintending Engineer certifies for works whose executed value under an agency in more than Rs. 10 lakhs.

3. The Superintending Engineers are informed that in PWD it is the current practice to group all connected works such as pavements, drains, water supply, sanitary work, formation of roads and lawns, Electrical installation, etc., with the main work with L.S. provisions and give a single administrative sanction and the intention of relating the monetary limits to the value of work is to have the benefit of check measurement by executive Engineer (As per G.O.Ms.No.767, PW, dated 11th April 1980) and inspection by the Superintending Engineer in respect of works costing more than Rs. 10 lakhs as required under para 297 of TNPW. 'A' Code.

4. The Superintending Engineers are therefore informed that the agreement value of the works has to be taken in to consideration i.e., works costing more than Rs. 10/- lakhs in agreement value should be superchecked by the Superintending Engineer and a certificate issued by the Superintending Engineer as stipulated in para 297 of 'A' Code.

5. The receipt of the memo may be acknowledged early.

**R. SETHURATHANAM,**  
*Chief Engineer (General).*

(True copy)

Copy of:

**GOVERNMENT OF TAMIL NADU**

**Abstract**

Contracts-Employment of masons trained in Industrial Training Institute-Imposing a condition while accepting tenders-orders cancelled.

**PUBLIC WORKS DEPARTMENT**

*G.O.Ms.No.813,*

*dated 28th April 1989.*

Read again: (1) From the A.G.Lr.No.AGII/WMI/79-80/86, dated 26th July 1979.

(2) From the Director of Employment and Training Lr. No.J1/8625/84, dated 2nd May 1984.

(3) From the Chief Engineer (B) Lrs. No. CTO/A127193/79 and 123940/85, dated 13th August 1983 and 11th April 1988.

**Order:**

The Government accept the recommendation of the Chief Engineer (Buildings) and direct that the orders issued in G.O.Ms.No.1039, Public Works, dated 13th June 1979 requiring the employment of Industrial Training Institute trained masons by contractors be cancelled as they are not feasible for enforcement in practice.

(By Order of the Governor)

**P. BASKHARADOSS,**  
*Special Secretary to Government.*

(True Copy)