

**GOVERNMENT OF ANDHRA PRADESH  
ABSTRACT**

Irrigation Department and Roads & Buildings Department – Arthematical Calculations – Rounding off figures relating to Estimate quantities rates, estimate amount and tender percentage for evaluation of tenders - Instructions – Issued.

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**IRRIGATION (PROJECTS WING) DEPARTMENT**

**G.O. Ms. No. 345**

**Dated. 8-9-1982.**

1. Circular No. 27-From the CE/NSLC, dt. 5-1-77 read with Circular No. 34, from the CE/NSLC, dt. 24-1-1978.
2. Govt. Memo. No. 2654-NSP.I/77-1, dt. 7-12-77.
3. Govt. memo. No. 2654-NSP.I/77-4, Irrgn & P (PW) D, dt. 18-1-78.
4. From the CE/NSLC Lr. No. 4052/79/J, dt. 16-8-79.
5. From the CE/R&B Lr. No. 73/JE/2/D&P/77, dt. 22-11-78.
6. From the CE/NSLC Lr. No.2152/77, dt. 30-11-78.
7. Govt. Lr. No. 13-Cod/80-3 I&P (PW) D, dt. 30-11-78.
8. Govt. Lr. No. 147-C1/79-6, TR&B Dept, dt. 25-6-79.
9. From the AG/AP/Lr. No. WMC/A/15-2/139, dt. 1-9-1979.
10. From the AG/AP Lr. No. WMC/A/15-2/151, dt. 23-8-80.

**ORDER:-**

In order to simplify the arthematical calculations in the estimates of works of Irrigation Department and for ensuring uniformity, instructions were issued in the circular first read above by the CE/NSLC canals on.

- (a) Rounding off of the cost of each item of work at the stage of estimate.
  - (b) Rounding off of the estimate quantities and the estimate cost (Quantity and rate) and.
  - (c) Rounding off of the tender percentage at the stage of evaluation of tenders for adoption in contracts.
2. As these instructions involved deviation from the existing orders and procedures, the circular orders of the C.E., were ordered to be kept on abeyance, pending consideration by the Government and issue of orders. The circular was kept in abeyance from 18-1-1978.
  3. The Government after careful examination of the matter in all its aspects, taking into consideration (a) the views of all other CE's of Irrigation Department including

projects who considered the subject at the meeting held on 24-8-1978 (b) the views of the CE/R&B in his letter fifth cited and (c) the views of the CE./R&B in his letters fifth cited and (c) the views of the A.G., A.P. in his letters ninth and tenth cited, direct that the following procedures shall be followed in regard to the rounding off of the figures in arthematical calculations in the preparation of estimates.

(i) Estimate Rates:

The finished of through rates should be rounded off as follows:-

- i. If the rate is less than Rs.5/- than to the nearest 5 paise (five). For example 4.35 instead of 4.33 or 4.30 instead of 4.31. two or one to be ignored and 3 or 4 to be rounded off to 5.
- ii. If the rate is more than Rs.5/- but below rs.50/- it should be rounded off to the nearest 10 (ten) paise. That is rate should have only one place of decimal and not two. For example Rs.8.8.3 instead of Rs.8.27 and Rs.15.2 instead of Rs.15.24.
- iii. If the rate is more than Rs.50/- but below Rs. 1000/- it should be rounded off to the nearest whole number. For example Rs.39/- instead of Rs.39.45 and Rs.486/- instead of rs.485/-.
- iv. Rates above Rs.1,000/- should be rounded off to the nearest ten. For example Rs.1120 instead of Rs.1122 and Rs. 5630 instead of Rs.5628.

II. Estimate amounts and Estimates Quantities:

This estimates amount for individual items of for the total work and the estimates quantities in the appropriate units should be rounded off as follows:

Amount/Quantity in units	Rounded off to	Example
i. 3 Digits or less	Nearest whole No.	9 instead of 9.35 323 instead of 323.25
ii. 4 digits	Nearest 10	4720 instead of 4723
iii. 4 digits	Nearest 100	66400 instead of 66385
iv. 6 digits	Nearest 1000	423000 instead of 423470
v. Lakhs	Thousands	623 lakhs instead of 623460
vi. Crores	Lakhs	5.44 crores instead of 5,43,74,500

III. Tender Percentage:

The tender percentages for the purposes of evaluation of tenders, fixation of rates in agreements including supplemental agreements shall be rounded off to second decimal.

4. The orders in para-3 above are applicable to the irrigation department including projects wing and also to the R&B Department.

5. This order issued with the concurrence of the Secy. Fin& Plg (W&P) Dept., vide UO No. 549/F.VII (2)/82-1 and Fin &Plg (PW) Department, dated. 19-7-1982.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

J. Raja Rao,  
Spl. Secretary to Govt. (Techl).

To  
The CE/SRSP/ Hyd.

//f.b.o.//  
Sd/- Section Officer.

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Endt. No. B4/T7/5788/75-3 (Vol.6)

Dt. 25-9-1982.

Copies communicated to the following for information guidance and compliance.

1. All SE's and all of SRSP.
2. to 3.

Sd/- for CE/SRSP/Hyderabad.

//True Copy//