

No. 4221/46/2014
Office of the Engineer-in-Chief
Water Resources Department
Narmada Bhawan, Tulsi Nagar, Bhopal

Bhopal, Dated 18/12/2014

To

Chief Engineer

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Water Resources Department
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Sub:-Lapses & irregularities in preparation of estimates.

The estimates of the works are generally framed by the Sub Engineers or the Assistant Engineer of the Department. It has been noticed that the estimates which at present are being sanctioned by the Departmental officers are devoid of the foresightedness and factual position.

The Accountant General of M.P. has carried out performance audit on preparation of estimates of Medium Irrigation Projects. The common lapses & irregularities pointed out in preparation of estimates are as under:-

1. Level books were not maintained properly as prescribed in Works Department Manual As such the estimated quantities are far from actual.
2. Proper Geological investigations were not carried out which resulted in variation of strata exorbitantly.
3. Pre-construction survey of construction material was not conducted.
4. Tenders were invited without proper technical sanction by the competent authority.
5. In canal lining, requirement of CNS material was worked out without conducting swelling pressure test on soil.
6. In some cases provision of concrete mix was found richer than specified, which caused extra expenditure.
7. Form work was taken as a separate item whereas the rate of concrete is inclusive of form work.
8. Arithmetical mistakes in the estimate shows that the estimate was not cross checked by any one, right from the Division upto Chief Engineer office.

9. Soil obtainable from housing for sleepers, CNS, concrete lining and filter was ignored for utilisation in the estimate.
10. Separate provision of tamping in canal bed and sides for laying CNS was made in estimates though not required as earth work on bed and sides in new canal work include compaction;
11. Cost of steel in the item 'dowel bar for rock in open foundation' was added in the estimates separately though the item is inclusive of cost of steel; resulted in increase in estimate cost by Rs. 15.29 Lakhs on account of cost of steel.
12. Excessive provision of dewatering was made.
13. Utilisation of useful material obtained from excavation was not accounted for.
14. Quantities of earth work as shown in the technical sanction, were increased in schedule of quantities in the tender document.
15. Earthwork as worked out increased from 15.82% to 1594% against the estimated quantities in actual execution
16. Quantities of Soft Rock & Disintegrated rock increased varying from 19.54% to 1594.65%

These common irregularities would have been avoided if the officer preparing the estimates had foresightedness, proper field investigation & quittance of the work site.

It is therefore instructed that the technical sanction of estimate should be accorded only after thorough investigation & details of work to be done and checked at various level copy at the letter issued vide this office No. नि.स./प्र.अ./373/2/22/9/09(iii) dated 9/12/2010 is enclosed for ready reference.

(M.G.Choubey)
Engineer-in-Chief

Water Resources Department, Bhopal

Endt. No. 4331/46/2014.

Bhopal, Dated 8/11/2014

Copy to:-

1. Accountant General of Madhya Pradesh.
- ✓ 2. Web Manager, World Bank Projects, Water Resources Department, Bhopal.

(M.G.Choubey)
Engineer-in-Chief

Water Resources Department, Bhopal

क्रमांक नि.स./प्र.अ. 1373/22/9/09 (iii)
कार्यालय प्रमुख अभियंता, जल संसाधन विभाग,
मध्य प्रदेश

भोपाल: दिनांक 9/12/2010

प्रति,
1/ संमस्त मुख्य अभियंता,
जल संसाधन विभाग,
मध्य प्रदेश

विषय:--स्थायी वित्तीय समिति बैठक दिनांक 8/12/2010 में उद्भूत विसंगतियों के संबंध में ।

दिनांक 8/12/2010 को स्थायी वित्त समिति की बैठक आयोजित की गई थी । बैठक में जल संसाधन संभाग, पन्ना के परियोजना प्रतिवेदनों में अनेक विसंगतियाँ पाई गई । जिससे योजनाओं की स्वीकृति नहीं हो सकी । मुख्य विसंगतियाँ निम्नानुसार थी :-

- 1/ प्राक्कलन की दरें यू.एस.आर. दरों से अलग थीं ।
- 2/ किसी उपशीर्ष में रेत 115 कि.मी. से लाया जाना दर्शाया गया, कहीं 118 कि.मी. दूरी से ।
- 3/ पानी की आवश्यकता (Water Requirement) में गणनायें नहीं की गई थी । खाली स्थान छोड़े गये थे किन्तु पानी की कुल मात्रा निकाली गई थी ।

बैठक में जब ये विसंगतियाँ वित्त विभाग के द्वारा बतायी गईं तो विभाग के वरिष्ठ अधिकारियों को शर्मसार होना पड़ा ।

प्राक्कलन उपयंत्री द्वारा बनाया जाता है । संभाग, मण्डल, मुख्य अभियंता कार्यालय होते हुए जब प्रमुख अभियंता कार्यालय पहुंचता है तब यह विश्वास नहीं होता कि बिना देखे सभी अधिकारियों ने हस्ताक्षर किये हैं ।

एतद् द्वारा यह प्राक्कलनों के संबंध में निम्नानुसार उत्तरदायित्व निर्धारित किया जाता है :-

स.क्रं	विवरण	उत्तरदायी अधिकारी
1	प्राक्कलन के डिटेल्स की सत्यता	उपयंत्री
2	डिटेल्स की गणनाओं की सत्यता	संभाग के मानचित्रकार
3	लीड एवं दरों की सत्यता, गणना एवं कुल योग	संभाग के संलग्न अधिकारी
4	डी.पी.आर. शासन के निर्देशानुसार तैयार होना	संलग्न अधिकारी मण्डल कार्यालय
5	जल का ऑकलन एवं प्रस्तावित फसलें	संलग्न अधिकारी मुख्य अभियंता कार्यालय
6	डी.पी.आर. की संपूर्णता एवं सभी आवयवों का समावेश	सहायक यंत्री प्रमुख अभियंता कार्यालय

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संसाधन विभाग में यदि संलग्न अधिकारी पदस्थ नहीं हों तो कार्यपालन यंत्री अपने अधीनस्थ किसी अनुविभागीय अधिकारी को संलग्न अधिकारी का अतिरिक्त प्रभार देंगे



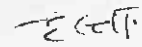
(एम.जी.चौबे)
प्रमुख अभियंता,
जल संसाधन विभाग

पृ. क्रमांक नि.स./प्र.अ./

भोपाल: दिनांक 9/12/2010

प्रतिलिपि:-

- 1/ प्रमुख अभियंता, बोधी, जल संसाधन विभाग, भोपाल
 - 1/ अधीक्षण यंत्री, (आई.एफ.सी)/ (मानि.) / कार्यपालन यंत्री, (बजट) कार्यालय प्रमुख अभियंता, जल संसाधन विभाग, भोपाल
- की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु अग्रेषित ।



(एम.जी.चौबे)
प्रमुख अभियंता,
जल संसाधन विभाग