

00  
B/c

29061C

**Karnataka Power Transmission Corporation Limited**

Telephone: 080-22210416

Fax :080-22292204



OFFICE OF THE  
Chief Engineer Electy., (P&C)  
Kaveri Bhavan, P.O.No. 9990,  
Bengaluru - 560 009.

No. CEE(P&C)/SE(Civil)/KCO-118/ 9758/07-08

Encl:

1526-1589 Date:

19 MAY 2015

**CIRCULAR**

Sub: - Variations in Civil works items in construction of sub-stations and Transmission lines and consequent delay in execution of the projects & settlement of claims reg.

\*\*\*\*\*

It has been noticed in processing of the work slips and subsequent final claims/final quantity variations for the civil works portions for establishing sub-stations and construction of line works taken up on turnkey basis, quantities of the certain DWA items are seen varying abnormally and also requiring certain non-DWA items for completion of the projects in all respects. Reasons for the variations for the same are many fold, few are listed below.

1. Mistakes/Errors in Bill of quantities provided along with the drawings for preparation of estimates.
2. Mistakes in preparation of the estimate at the Divisional office and non-verification of the same at the circle and zonal offices before forwarding of the same for preparation of the DPR.
3. Submission of the estimate by the Division office directly for preparation of the DPR.
4. Mistakes in the DPRs in specifications, quantities, items and deletion/omitting of certain items etc.

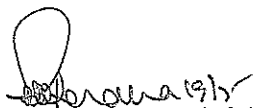
Corporate office through a circular dated 18.11.2013, has directed all the concerned who are involved and responsible in preparation of the estimates and DPRs to ensure utmost care to avoid errors and mistakes and consequent abnormal variation in the project cost, after noticing errors in some of the DPRs submitted for communication of administrative approval.

In spite of the above directions, it has been observed that provisions in respect of civil works portions are not being properly assessed and made in the estimates resulting in both cost and time over run. In view of the tender conditions incorporated in the DWA for civil works portions which stipulates payment of KPWD/KPTCL SR rate for the NON-DWA items of the work and fixing of rate for the DWA quantities in excess of 25% keeping KPWD SR as reference, are ending up in disputes, delay in settlement of claims, arbitration, delay in execution etc. In many of the cases difficulty is experienced in fixing/finalization of the rates for the variations in both quantities and the items of the work.

Director, Transmission has expressed displeasure for the variations especially in respect of the civil works due to the errors at various levels and has instructed to issue a circular for avoidance of errors. Following guide lines are issued for strict adherence in respect of the civil works for the sub-stations and Transmission lines, immaterial whether the estimate is prepared by the Civil/Electrical Engineers.

1. The bill of quantities provided along with the drawings shall be verified with respect to the drawings furnished and any errors/mistakes noticed therein shall be brought to the notice of the concerned and corrected items/quantities required shall be incorporated based on both the layout and field requirements. The differences between the bill of quantities furnished along with the drawings and the same provided in the estimate shall be clearly explained in the remarks column of the estimate.
2. All the items of works required as per the drawings/bill of quantities furnished, field conditions, soil test report etc for the completion of the project in all respects shall invariably be provided in the estimate. All provisions shall clearly be explained. Detailed calculations of the quantities, rate analysis for the rates etc provided in the estimate shall accompany the estimate. The quantities provided shall be realistic as far as possible and shall not end up in too much saving/abnormal excess.
3. The estimate prepared at the Divisional office shall invariably be verified at both the Circle and Zonal offices. The estimates shall bear the signature of the Executive Engineer (Civil) working in the Zonal offices and certificate to the correctness of the items, quantities, rates etc provided in the estimate.
4. Both soft and the hard copies of the estimates, drawings other than the standard drawings adopted etc shall be furnished for preparation of the DPR through the Zonal Chief Engineer. Estimates shall not be furnished directly from the Divisional office.
5. Estimate received for the preparation of the DPR shall be verified at the planning section and any mistake/errors noticed shall be brought to the knowledge of the Transmission offices and opinion/concurrence shall be obtained before incorporation of the estimate in the DPR.
6. The Mistakes/errors/deletions etc noticed in the DPR shall be brought to the knowledge of the planning section and to the Tendering & Procurement section for information and necessary correction for preparation of the bidding documents.
7. The tendering & procurement section shall obtain all clarifications, details, drawings etc from the planning/Technical/Civil section, Division office for preparation of the bidding documents. All the details required shall invariably be included in the bidding documents.

The above shall be scrupulously followed and the concerned engineers at all levels and all offices involved in preparation of the estimate/DPR/Bidding Documents and execution of the project will be held responsible for the abnormal variations, disputes in the settlement, cost and time over run, arbitration etc arising in the execution of the projects.

  
 Chief Engineer Electy, (P&C)

Copy for information to:

1. The Chief Engineer Electy, TZ, KPTCL \_\_\_\_\_
2. Chief Engineer Electy, Tendering & Procurement, KPTCL, Kaveri Bhavan, Bengaluru
3. The Deputy General Manager (Technical), KPTCL, Kaveri Bhavan, Bengaluru
4. The Superintending Engineer Planning/Technical/Civil, KPTCL, Bengaluru
5. The Superintending Engineer Elecl, Tr (Works) Circle, KPTCL, Bengaluru
6. The Superintending Engineer Elecl, Tr (W&M) Circle, KPTCL, \_\_\_\_\_
7. The Executive Assistant to Director (Transmission), KPTCL, Bengaluru for kind information of the Hon'ble Director (Transmission), KPTCL.

Copy for information and strict adherence to :

1. The Executive Engineer Elecl, Major Works Division, KPTCL, Bengaluru \_\_\_\_\_
2. The Executive Engineer Elecl, Major Works Division, KPTCL, \_\_\_\_\_
3. The Executive Engineer (Civil), office of the Chief Engineer Electy, TZ, KPTCL, \_\_\_\_\_

Copy to MF/OC.