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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Corporate Identity Number (CIN):U40109KA1999SGC025521

Corporate Offices,
Kaveri Bhavan,
Bangalore -560 009.

Sub:- Powers to approve variation in quantity of materials and civil works provided in DWA- Reg.

- Read:**
1. This office Order of even No. Dt.30.06.2003 in respect of approval of final variations of works.
 2. This office Order No.KPTCL/B19/345/85-86 Bangalore dt:20.08.2014.
 3. Proceedings of the Combined Central Purchases Committee Meeting of KPTCL held on 24th May 2017.
 4. Note No. FA(A&R)/C(F)/AO(APR)KCO-74/45751 dtd:05.05.2017.
 5. Proceedings of the Combined Central Purchases Committee Meeting of KPTCL held on 1st Feb 2018.

Preamble:-

It is noticed by the corporation that, in some instances, the progress of construction of Transmission line and Sub-station works are delayed due to improper assessment of the actual requirements of materials for the projects and inadequate provisions made in DPR. These are not being systematically reviewed at various levels by the field officers while submitting the proposals for preparing DPRs and in subsequent DWAs of the projects. Even though it is a fact that, the actual requirement couldn't be foreseen, if diligent care is taken, the variations can be put at minimum and the works can be completed hassle-free.

To address the issue of according approvals to the variations encountered during execution of turnkey contracts for construction of Transmission lines and Sub-stations, the powers to approve variations in the quantities provided in DPR and DWA was issued vide Corporate Order dt. 20.08.2014. However, due to various reasons, the process of according approval to the variations in quantities is not taking place as expected which is adversely affecting commissioning of the projects as scheduled.

The additionalities in the quantities in respect of items covered in DWA issued for works and the additional requirement of new materials not covered in DWA i.e., Non DWA materials that are essential for completion of works was discussed in the Central Purchase Committee meeting held on 24.05.2017. The Committee debated the issue and it is decided that when such proposals are put-up for approval in the form of either Work Slip or Final Quantity Variation, the proposals shall incorporate a statistical data of the actual additionalities / variation in DWA and Non DWA items along with the reasons for variations and the basis for the amount to be admitted for both DWA and Non DWA additionalities.

Further, the issue of variation due to excess quantities of DWA and Non-DWA items required for completion of the project was again discussed by the Central Purchase Committee in its meeting held on 01.02.2018 and it is directed that in future DPRs must be meticulously prepared to avoid quantity variation.

In the background of the above, from the point of view of early processing of the variations and to ensure the commissioning of the projects as anticipated, the following order is issued by modifying sl. No. 1(1d) of the earlier Order B19/345/85-86 dt. 20.08.2014 and by covering other issues discussed in CPC meeting.

Order No. KPTCL/B19/345/85-86 Bangalore

dated : 03.05.2018

The Detailed Project Reports (DPRs) for construction of transmission line and sub-station works must be meticulously prepared to avoid quantity variation. However, the proposals for approval in respect of Work slip / Final Quantity Variation shall invariably contain the following.

- a) Reasons for variation in DWA & Non-DWA items with respect to Materials, Erection and Civil portion of the work.
- b) Statement showing additionalities/Variation in DWA & Non-DWA items in terms of quantity, price & percentage.
- c) Basis for the amount to be admitted for Both DWA & Non-DWA additionalities.

Henceforth the Powers to approve the variation in quantities of supply, Erection and Civil is as follows.

Variation in quantity of materials and civil works provided in DWA.

SI No	Civil & Electrical Works	Managing Director	Director(Trans.)	All CEEs (Trans.)	All SEEs(Trans.)	All EEs MWD
1	Deviation in route	Full Powers	Upto 50% over the quantity in the estimate sanctioned or 20% excess over the accepted tender value whichever is higher.	Upto 30% over the quantity in the estimate sanctioned or 15% excess over the accepted tender value whichever is higher, provided the total cost of work is within his powers of sanction to estimates.	Upto 20% over the quantity in the estimate sanctioned or 10% excess over the accepted tender value whichever is higher, provided the total cost of work is within his powers of sanction to estimates.	Upto 10% over the quantity in the estimate sanctioned by himself or 5% excess over the accepted tender value whichever is higher, provided the total cost of work is within his powers of sanction to estimates.
2	Soil classification differs	-“-	-“-	-“-	-“-	-“-
3	Change in Earthmat design / Additional Earthmat	-“-	-“-	-“-	-“-	-“-

4	Variation in the quantity of materials including Extra materials which are not provided in the DPR/DWA(i.e., Non DWA items)	-	-	Rate for Non DWA materials shall be as per KPWD/KPTCL SR or data rates whichever is less and the cost of such extra materials along with other DWA material cost is in the bandwidth of >7.5% and up to 10% of the total DWA amount.	Rate for such Non DWA materials shall be as per KPWD/KPTCL SR or data rates whichever is less and the cost of such extra material along with other DWA material cost is in the bandwidth of >5% and up to 7.5% of the total DWA amount.	Rate for such Non DWA materials shall be as per KPWD/KPTCL SR or data rates whichever is less and the cost of such extra material along with other DWA material cost is up to 5% of the total DWA amount.
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Note: Absolutely the new Non-DWA items where rates are not available in Major Woks Schedule of Rates or anywhere, shall also be placed before Central Purchase Committee.

The authority who places the orders on turnkey contractors for construction of Transmission lines and Sub-stations is empowered to approve total variation up to and inclusive of +10%, irrespective of variation of individual item exceeding +25% (as above). **However, if the total cumulative variation due to any of the above deviation or work slips at a particular stage of the work exceeds +10%, the same shall be placed before Central Purchase Committee.**

This order supersedes the earlier order dt: 20.08.2014 cited under reference (2).


 Deputy General Manager (Technical),
 KPTCL

To: All the Chief Engineers, Electricity, Transmission Zones, KPTCL.
 All the Superintending Engineers El., of Works / Works & Maintenance Circles, KPTCL.
 The Financial Advisors (A&R) / (I.A), KPTCL.
 All the Controllers of Accounts, Transmission Zones, KPTCL.

Copy for information to:
 PS to Managing Director / Director (Finance)/ Director (Transmission) / Director(RA&CS), KPTCL.
 PS to Additional Chief Secretary, Energy Department, GOK, Vikasa Soudha, Bangalore.
 The Superintending Engineer Electy., IT&MIS with a request to arrange to upload this order on the KPTCL website.