

Telephone No. 080 22243926
Fax No. 080 22110134
Website: www.kptcl.com



Email ID: dgmtkptcl@rediffmail.com

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED
CIN No. U40109KA1999SGC025521

Corporate Office
Kaveri Bhavan, K.G Road,
Bengaluru-560 009

KPTCL/B19/7625/86-87(Vol-VI)

Date: 06.08.2021

CIRCULAR

Sub: Revision of Abstracts for preparation of Estimates/DPRs - reg.

Ref: 1. Letter No. B19/7256/86-87 dated 15.06.2019.
2. MOM No. KPTCL/KCO-43/29535/2021-22/140 dated 09.08.2021.

Consequent to revision of Schedule of Rates during 2019, the abstracts for preparation of estimates/DPR for Capital Works (Sub-station & Line), DCW and Self-execution works were revised and issued vide letter cited under ref (1).

However, due to change in the way of execution of works in the background of the technological developments, adoption of high cost equipment / materials like GIS, EHV UG Cables, OPGW Cables, revision of the weightages were felt necessary.

Hence, during the meeting held on 30.07.2021 chaired by the Managing Director, KPTCL the issues pertaining to additional weightages and the provisions made in the abstract for preparation of estimates were discussed and it was decided to revise the abstracts for Capital Works (Station and Transmission Line), Deposit Contribution Works (DCW) and Self-execution Works duly considering different weightages for projects involving Conventional Overhead Lines & Sub-stations and projects involving Gas Insulated Switchgear & Under Ground Cables in respect of Contingencies & Establishment Charges. Further, it was decided to reduce the weightage towards Interest During Construction (IDC) component from 4% to 2% for all kind of works and to retain 0.1% for Performance Guarantee and Loss of Interest on Margin money component.

EECIT-1)
R.S. Jee
18/8/21

AGEZ
18/8/21

In view of the above, the revised Abstracts for Capital Works (Sub-station & Transmission Line), DCW and Self-execution works are annexed to this Circular with directions to implement the same for preparation of Estimates / DPRs and for the works which are yet to be tendered.

The above instructions shall be strictly adhered and shall come into effect from the date of this Circular.

Approved by
Managing Director

B. R. H. 6/8/21
General Manager (Tech)
KPTCL

To:

1. All Chief Engineers/Financial Advisors, KPTCL.
2. All Superintending Engineers/Controllers, KPTCL.
3. All Executive Engineers, TL&SS Division/Major Works Division, KPTCL.
4. All Assistant Executive Engineers/Assistant Engineers, KPTCL.
5. SPS to Managing Director / Director (Transmission) / Director (Finance) / Director (A&HR), KPTCL to place it before the Directors for kind information.

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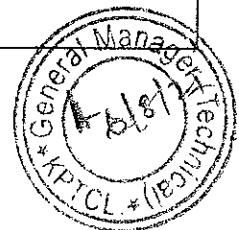
The Superintending Engineer (EI) (IT), KPTCL with a request to arrange to upload the Circular in KPTCL website.

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED**ABSTRACT**

Corporate Circular No. KPTCL/B19/7625/86-87 (Vol-VI) dated 06.08.2021

SUB-STATION/TRANSMISSION LINE WORK

Sl. No.	Particulars	Amount
1	Material Cost (Including F&I and GST)	
2	Spares @ 3% on Material Cost (on Sl. No. 1)	
3	Erection Charges	
4	Applicable GST on Erection Charges (on Sl. No. 3)	
5	Testing & Commissioning Charges	
6	Applicable GST on Testing & Commissioning Charges (on Sl. No. 5)	
7	Total Cost (Material Cost + Erection + Testing & Commissioning Charges) (Sum of Sl. No. 1 to 6)	
8	Cost of Civil Engineering Works based on KPWD latest SR (Including GST)	
9	Total Work Cost (Material Cost + Erection + Testing Charges+ Civil Engg. Cost) (Sum of Sl. No. 7 & 8) = Amount Put to Tender	
10	Establishment Charges on Sl. No. 7 (Material Cost + Erection + Testing & Commissioning Charges) (i) For conventional (AIS/O.H Line) projects - 5% (ii) For projects with GIS/ UG Cables - 2% * see note (2) below	
11	Contingencies on Sl. No. 7 & 10 (Material Cost + Erection + Testing & Commissioning Charges+ Establishment Charges) (i) For over head Transmission Line - 3% (ii) For conventional Sub Station - 2% (iii) For projects involving GIS / UG Cable -1% * see note (2) below	
12	Performance Guarantee and loss of Interest on margin money for Bank Guarantee @ 0.1% on Work Cost (on Sl. No. 9)	
13	Interest during Construction @ 2% (on Sl. No. 9+10+11+12)	
14	Total Estimate Cost for Comparison Purpose (Sum of Sl. No. 9 to 13)	
15	Statutory Charges such as PTCC, Electrical Inspectorate, payment towards Civic Bodies etc.,	
16	Forest clearance /Tree cut compensation and Crop cut compensation and Land compensation etc.,	
17	Total Estimate Cost of the Work (Sum of Sl. No. 14 to 16)	
Note:	1) Material Cost Including F&I and GST is to be arrived by taking Material Cost as per SR + 6% F&I On Material Cost + GST at applicable rate (on Material Cost + F&I)	
	2) For the projects in combination with GIS / AIS / UG Cables/ Overhead transmission lines, establishment charges and contingencies shall be considered at the above % for the individual segment costs.	

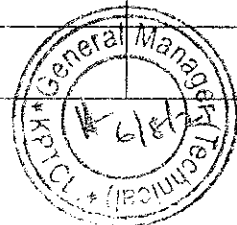


KARNATAKA POWER TRANSMISSION CORPORATION LIMITED**ABSTRACT**

Corporate Circular No. KPTCL/B19/7625/86-87 (Vol-VI) dated 06.08.2021

DEPOSIT CONTRIBUTION WORKS

Sl. No.	Particulars	Amount
1	Material Cost (Including F&I and GST)	
2	Spares @ 3% on Material Cost (on Sl. No. 1)	
3	Erection Charges	
4	Applicable GST on Erection Charges (on Sl. No. 3)	
5	Testing & Commissioning Charges	
6	Applicable GST on Testing & Commissioning Charges (on Sl. No. 5)	
7	Total Cost (Material Cost + Erection + Testing & Commissioning Charges) (Sum of Sl. No. 1 to 6)	
8	Cost of Civil Engineering Works based on KPWD latest SR (Including GST)	
9	Total Work Cost (Material Cost + Erection + Testing & Commissioning Charges+ Civil Engg. Cost) (Sum of Sl. No. 7 & 8) = Amount Put to Tender	
10	Establishment Charges of the Contract Agency on Sl. No. 7 (Material Cost + Erection + Testing & Commissioning Charges) (i) For conventional (AIS/O.H Line) projects - 5% (ii) For projects with GIS/ UG Cables - 2% * see note (5) below	
11	Contingencies on Sl. No. 7 & 10 (Material Cost + Erection + Testing & Commissioning Charges+ Establishment Charges) (i) For over head Transmission Line - 3% (ii) For conventional Sub Station - 2% (iii) For projects involving GIS / UG Cable -1% * see note (5) below	
12	Performance Guarantee and loss of Interest on margin money for Bank Guarantee @ 0.1% on Work Cost (on Sl. No. 9)	
13	Interest during Construction @ 2% (on Sl. No. 9+10+11+12)	
14	Total Estimate Cost for Comparison Purpose (Sum of Sl. No. 9 to 13)	
15	Tender premium @ 10% on Sl. No. 14	
16	KPTCL Establishment Charges on Material Cost + Erection + Testing & Commissioning Charges (on Sl. No. 7) a)10% maximum 10 Lakhs for Govt b)15% maximum 15 Lakhs for Private Agency	
17	Statutory Charges such as PTCC, Electrical Inspectorate, payment towards Civic Bodies etc.,	
18	Total Estimate Cost including 10% tender premium (Sum of Sl. No. 14 to 17)	
19	GST @ 18% on Total Estimate Cost (Sl.No. 18)	
20	Consultancy Fee @ 15% on (Sl. No. 9)	
21	GST @ 18% on Consultancy Fee (Sl. No. 20)	



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DEPOSIT CONTRIBUTION WORKS		
Sl. No.	Particulars	Amount
22	Forest Clearance/ Tree Cut Compensation & Crop Compensation and Land Compensation etc.,	
23	Total Amount to be collected towards Deposit Contribution Works (Sum of Sl. No. 18 to 22)	
Note:	1) Material Cost including F&I and GST is to be arrived by taking Material Cost as per SR + 6% F&I on Material Cost + GST at applicable rate (on Material Cost + F&I)	
	2) Separate receipt to be drawn towards Payment of Total Estimate Cost & GST (Sl. No. 18 & 19)	
	3) Separate receipt to be drawn towards Payment of Consultancy Fee & GST (Sl. No. 20 & 21)	
	4) Ensure applicable GST rate before intimating for payment towards deposit for execution of works under DCW.	
	5) For the projects in combination with GIS / AIS / UG Cables/ Overhead transmission lines, establishment charges and contingencies shall be considered at the above % for the individual segment costs.	

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

ABSTRACT

Corporate Circular No. KPTCL/B19/7625/86-87 (Vol-VI) dated 06.08.2021

SELF-EXECUTION WORKS

Sl. No.	Particulars	Amount
1	Material Cost (Including F&I and GST)	
2	Spares @ 3% on Material Cost (on Sl. No. 1)	
3	Erection Charges	
4	Applicable GST on Erection Charges (on Sl. No. 3)	
5	Testing & Commissioning Charges	
6	Applicable GST on Testing & Commissioning Charges (on Sl. No. 5)	
7	Total Cost (Material Cost + Erection + Testing & Commissioning Charges) (Sum of Sl. No. 1 to 6)	
8	Cost of Civil Engineering Works based on KPWD latest SR (Including GST)	
9	Total Work Cost (Material Cost + Erection + Testing Charges+ Civil Engg. Cost) (Sum of Sl. No. 7 & 8)	
10	Establishment Charges of the Contract Agency on Sl. No. 7 (Material Cost + Erection + Testing & Commissioning Charges) (i) For conventional (AIS/O.H Line) projects - 5% (ii) For projects with GIS/ UG Cables - 2% * see note (4) below	
11	Contingencies on Sl. No. 7 & 10 (Material Cost + Erection + Testing & Commissioning Charges+ Establishment Charges) (i) For over head Transmission Line - 3% (ii) For conventional Sub Station - 2% (iii) For projects involving GIS / UG Cable -1% * see note (4) below	
12	Performance Guarantee and loss of Interest on margin money for Bank Guarantee @ 0.1% on Work Cost (on Sl. No. 9)	
13	Interest during Construction @ 2% (on Sl. No. 9+10+11+12)	
14	Total Estimate Cost of the Work (Sum of Sl. No. 9 to 13)	

Note:

1) Material Cost Including F&I and GST is to be arrived by taking Material Cost as per SR + 6% F&I on Material Cost + GST at applicable rate (on Material Cost + F&I).

2) The above Estimate does not include Employees Cost. Supervision Charges shall be collected on the Total Estimate Cost of the Work i.e., Sl. No. 14 as per the prevailing KPTCL Circular.
Applicable GST on Supervision Charges shall be collected.

3) Statutory Charges such as PTCC, Electrical Inspectorate, payment towards Civic Bodies etc., and Forest Clearance / Tree Cut Compensation & Crop Compensation and Land Compensation etc., shall be paid by the Applicant.

4) For the projects in combination with GIS / AIS / UG Cables / Overhead Transmission Lines, establishment charges and contingencies shall be considered at the above % for the individual segment costs.

