

## Price Variation Formulae

**Sub: LT PVC CONTROL CABLE FOR 4 X 270 MW BHDRADRI TPS**

1. Prices shall be variable as per following PVC formulae as per IEEMA. The price variation shall be limited to  $\pm 20\%$  of total ex-works actually supplied (cable size wise). PVC shall be limited for the metals for which rates published by IEEMA.

CABLE TYPE	FORMULAE	Table Ref
LT PVC CONTROL CABLE	$P = P_o + CuF(Cu - C_{uo}) + CCFCu(CC - C_{Co}) + FeF(Fe - Fe_o)$	As per IEEMA

### 2. Quantity Variation

The variation in quantities of all sizes put together shall be limited to  $\pm 30\%$  of the total contract value derived on the basis of order quantity.

### 3. Base date for prices (as per IEEMA):

**Initial Price:**

Base Date shall be October 2015.

**Final Price:**

The first working day of month, one month prior to the date of delivery.

4. PVC shall be payable within agreed contractual delivery period. In case of delay is attributable to vendor, for the payment purpose, the PVC shall be calculated based on rates applicable as on the date of expiry of contractual delivery date or actual delivery date, whichever is beneficial to BHEL.

*Am L*

**SUJEET KUMAR - PG-II-2**

**From:** LAXMI VERMA - ELC  
**Sent:** 20 October 2015 15:14  
**To:** SUJEET KUMAR - PG-II-2  
**Cc:** KUMAR SANJEEV - PG-II-2; MANISH SHUKLA - ELC; HEMA KUSHWAHA - ELC; ANIL KUMAR PAL - PG-II-2  
**Subject:** RE: Bhadradri TPS - LT pvc control cable indent  
**Attachments:** PRICE FORMAT.XLSX; PVC ANNEXURE-LT PVC Control Cable.doc

Dear Sujeet,

The PVC formula furnished via trailing mail is in order. Also, find below the PVC factors for the cables.

S.NO.	SIZE	CuF	CCFCu	FeF
1	5C -1.5	0.065	0.174	0.303
2	7C-1.5	0.091	0.199	0.329
3	12C-1.5	0.157	0.277	0.289
4	5C-2.5	0.117	0.206	0.342
5	2C -1.5	0.026	0.121	0.243
6	3C -1.5	0.039	0.131	0.257

The soft copy of price format is also attached for your reference.

It may be noted that the Quantity variation clause specified in technical specification shall be applicable for this project as this is a fast track project & supplies have to be completed before two years.

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*Regards,*  
*Laxmi Verma*  
*Sr. Engr.(Elec)*  
*BHEL -PEM*  
*0120-4235967*

**From:** SUJEET KUMAR - PG-II-2  
**Sent:** 20 October 2015 2:55 PM  
**To:** LAXMI VERMA - ELC  
**Cc:** KUMAR SANJEEV - PG-II-2; MANISH SHUKLA - ELC; HEMA KUSHWAHA - ELC; ANIL KUMAR PAL - PG-II-2; ANUJ KUMAR - PG-II-2  
**Subject:** Bhadradri TPS - LT pvc control cable indent

Dear Madam,