

पॉवर ट्रांसमिशन कारपोरेशन ऑफ उत्तराखण्ड लि०

(उत्तराखण्ड सरकार का उपक्रम)

निदेशक (परियोजना) कार्यालय

विद्युत भवन, नजदीक-आई०एस०बी०टी० क्रॉसिंग, सहारनपुर रोड, माजरा, देहरादून-248002
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No. 287 /Dir. (Projects)/PTCUL/ ARR

Date: 14/02/17

To,

→ The Secretary
Uttarakhand Electricity Regulatory Commission
"Vidyut Niyamak Bhawan",
Near I.S.B.T., P.O. Majra
Dehradun (Uttarakhand)

Sub: Filing of Petition for approval of True-up for FY 2015-16, Annual Performance Review (APR) for FY 2016-17 & Revised Aggregate Revenue Requirement for FY 2017-18 of PTCUL.

Sir,

In reference to the above-mentioned subject, kindly refer to meeting held on 02.02.2017 in the Commission's office vide which Hon'ble UERC has directed PTCUL to submit the detailed reasons for declination from the original cost of the following projects: -

1. Augmentation of 132 kV S/s Bazpur (including construction of Bays),
2. Increasing Capacity of Existing 132/33 kV S/s, Almora and
3. Increasing Capacity of Existing 132 kV S/s, Bhowali.

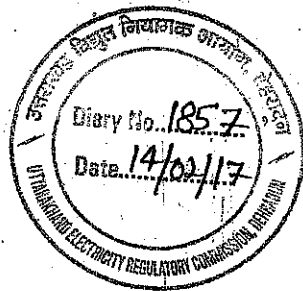
In this context, the requisite information as desired by the Hon'ble Commission are being submitted for kind consideration of the Hon'ble Commission.

Encls: As above.

Thanking you,

Yours Faithfully,

(S.K. Sharma)
Director (Projects)



Point No. -1

Name of Project - Augmentation of 132KV S/s Bazpur (Including construction of Bays)

Project Approval Cost - 11.90 Crore

As Executed Cost - 5.6 Core

Declination (Difference) = 6.3 Crore

Reason for Declination from Original Estimated Cost :-

• **Declination on purchase of T/F and other Bay equipments :-**

Estimate cost of Power T/F as per DPR approved was 735.00 Lakhs, while actual purchasing cost of T/F as received through open tender (including P.V.) is 399.9 Lakhs. Similarly overall expenditure cost of all supplied bay items (including T/F) as per actual on the basis of bids received through open tender was 518.44 Lakhs against estimated cost of 817.00 lacs

Therefore there is a declination of **Rs. 298.66 Lakhs** in equipments supply including supply of T/F.

(b) Declination on erection work:-

The original estimate was prepared for Erection for this project was 31.79 lakhs, which included erection of 80 MVA T/F, erection of bays equipments. Dismantling and other related work of 40MVA T/F 4.75lakhs was proposed in original estimate.

But due to urgency of 40MVA at Lohiyahead Power house for augmentation of Lohiyahead Power house for 60MVA to 80MVA the above work was executed by 220KV O&M Division Pantnagar. Therefore, the proposed amount for said work Rs 4.75 Lakhs was not executed by the this contract

Hence as per original estimate the total cost of erection work was 31.79 Lakhs, against which actual expenditure occurred through open tender is Rs. 16.69 Lakhs. Therefore there is a declination of **Rs. 15.10 Lakhs** in erection works.

(c) Declination in Civil work:-

The original estimate was prepared for Civil works for this project was 102.19 lakhs, which included foundations of T/F, trenches, bay equipments foundations etc as per Total executed cost on civil works is Rs. 25.97 Lakhs as per actual through open tender against estimated cost of Rs. 34.89 Lakhs. Therefore there is a declination of **Rs. 76.22 Lacs** against original estimate of civil works.

(d) Not taking contingency & centage Charges and IDC in as executed estimate:-

In original estimate total amount taken against centage, contingency & IDC was 28.53, 146.93 & 64.07 Lakhs respectively, a total of 239.53Lakhs This amount was not taken while preparing as executed estimate. Therefore there is a declination of **Rs. 239.53 Lakhs** against these charges.

Thus total declination due to above 04 reasons became:-

Rs.(298.66+15.10+76.22+239.53)Lacs = 629.51 Lakhs i.e. 6.295 Crore

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 DIRECTOR (P&A) (S)
 CENTRAL BOARD OF SECONDARY EDUCATION
 CHENNAI

Point No. -2

Name of Project - Increasing Capacity of Existing 132/33KV S/s, Almora

Project Approval Cost - 4.22 Crore

As Executed Cost - 2.77 Crore

Declination (Difference) = 1.45 Crore

Reason for Declination from Original Estimated Cost :-

• **Short expenditure on purchase of T/F and other Bay equipments :-**

Estimate cost of Power T/F as per PTCUL rate list is 250 Lacs, while actual purchasing cost of T/F as received through open tender (including P.V.) is 167.27 Lacs. Similarly overall expenditure cost of all supplied bay items (including T/F) as per actual on the basis of bids received through open tender was 253.97 lacs against estimated cost of 304.45 lacs

Therefore there is a short expenditure of Rs. 50.49 Lacs in equipments supply including supply of T/F.

(b) Short expenditure on erection work:-

As per original estimate the total cost of erection work was 12.90 Lacs, against which actual expenditure occurred through open tender is Rs. 7.91 Lacs. Therefore there is a declination of Rs. 4.99 Lacs in erection works.

(c) Declination in Civil work:-

The original estimate was prepared for Civil works for this project was 73.79 lacs, which included foundations of T/F, trenches, bay equipments foundations, earth filling, & shifting of existing security and pale fencing etc. due to space constraint at site. Total executed cost on civil works is Rs. 15.71 lacs, as per actual through open tender against estimated cost of Rs. 24.10 lacs. Therefore there is a declination of Rs. 8.39 Lacs against original estimate of civil works.

(d) Not taking contingency & centage Charges in as executed estimate:-

In original estimate total amount taken against centage, contingency & IDC was 52.76, 10.24 & 18.40 respectively, a total of 81.4 lacs. This amount was not taken while preparing as executed estimate. Therefore there is a declination of Rs. 81.4 Lacs against these charges.

Thus total declination due to above 04 reasons became:-

Rs. (50.49+4.99+8.39+81.4) Lacs = 145.27 Lacs i.e. 1.45 Crore

Point No. -3

Name of Project - Increasing Capacity of Existing 132/33KV S/S Bhowali
 Project Approval Cost - 4.79 Crore
 As Executed Cost - 2.46 Crore
 Declination (Difference) = 2.33 Crore

Reason for Declination from Original Estimated Cost :-

• **Short expenditure on purchase of T/F and other Bay equipments**

Estimate cost of Power T/F as per PTCUL rate list is 250 Lacs, while actual purchasing cost of T/F as received through open tender (including P.V.) is 166.97 Lacs. Similarly overall expenditure cost of all supplied bay items (including T/F) as per actual on the basis of bids received through open tender was 235.92 Lacs against estimated cost of 303.89 Lacs

Therefore there is a short expenditure of Rs. 67.97 Lacs in equipments supply including supply of T/F.

(b) Short expenditure on erection work:-

As per original estimate the total cost of erection work was 14.16 Lacs, against which actual expenditure occurred through open tender is Rs. 7.43 Lacs. Therefore there is a declination of Rs. 6.73 Lacs in erection works.

(c) Declination in Civil work:-

The original estimate was prepared for Civil works for this project was 73.79 Lacs which included foundations of T/F, trenches, bay equipments foundations, earth filling, & shifting of existing security and pale fencing etc. due to space constraint at site.

But due to urgency of work, and seeing the time consumption that would included in all these civil works, it was decided to construct the proposed T/F Bay in existing spare space which was earlier used as passage in yard.

Due to this proposal, total executed cost on civil works is Rs. 2.45 Lacs only against estimated cost of Rs. 73.39. Therefore there is a declination of Rs. 70.94 Lacs against original estimate of civil works.

(d) Not taking contingency & centage Charges in as executed estimate:-

In original estimate total amount taken against centage, contingency & IDG was 60.48, 11.74 & 15.81 respectively, a total of 88.03 Lacs. This amount was not taken while preparing as executed estimate. Therefore there is a declination of Rs. 88.03 Lacs against these charges.

Thus total declination due to above 04 reasons became:-

Rs. (67.97+6.73+70.94+88.03) Lacs = 233.66 Lacs i.e. 2.33 Crore