

पावर ट्रांसमिशन कारपोरेशन ऑफ उत्तराखण्ड लि०

(उत्तराखण्ड सरकार का उपक्रम)

प्रबन्ध निदेशक कार्यालय

विद्युत भवन, नजदीक-आई०एस०बी०टी० क्रॉसिंग, सहारनपुर रोड़, माजरा, देहरादून-248002
दूरभाष नं० 0135-2642006 फैक्स नं० 0135-2643460 email:- md.ptcul@rediffmail.com

No. 3960 /MD/PTCUL/ UERC

Date:- 14 /12/2022

To,

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

Subject:-Petition for approval of True-up for FY 2021-22, Annual Performance Review (APR) for FY 2022-23 and Aggregate Revenue Requirement (ARR) for FY 2023-24 of PTCUL.

Sir,

Kindly take reference of the Hon'ble Commission's Letter No. UERC/7/CL/ 592/2022-23/1100 dated 07.12.2022 on the above-mentioned subject vide which certain deficiencies /shortcomings have been observed by Hon'ble UERC and directed PTCUL to submit the point-wise replies duly quoting titles/sub-titles and S.No. identical with the deficiencies referred to in enclosed **Annexure-A** latest by 14.12.2022 in seven copies alongwith the soft copy of the reply under an affidavit so that PTCUL application may be put up before the Commission for admission.

In compliance of the same, it is humbly submitted herewith the pointwise replies duly quoting titles/sub-titles and S.No. identical with the deficiencies in seven copies along with the soft copy of the reply under an affidavit for admission of the application/Petition for approval of True-up for FY 2021-22, Annual Performance Review (APR) for FY 2022-23 and Aggregate Revenue Requirement (ARR) for FY 2023-24 of PTCUL before the Hon'ble Commission.

Submitted for kind consideration of the Hon'ble Commission.

Thanking You,

Encl: As above.

Yours faithfully,


(P.C Dhyani)
Managing Director

-1-



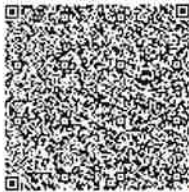
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Government of Uttarakhand

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Certificate No.	: IN-UK16254325832673U
Certificate Issued Date	: 02-Nov-2022 03:17 PM
Account Reference	: NONACC (SV)/ uk1201404/ DEHRADUN/ UK-DH
Unique Doc. Reference	: SUBIN-UKUK120140437949786531516U
Purchased by	: PTCUL
Description of Document	: Article Miscellaneous
Property Description	: NA
Consideration Price (Rs.)	: 0 (Zero)
First Party	: PTCUL
Second Party	: NA
Stamp Duty Paid By	: PTCUL
Stamp Duty Amount(Rs.)	: 10 (Ten only)



IANARDAN PRASAD
STAMP VENDOR L.No.37
COURT COMPOUND, DEHRADUN

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(MANAGING DIRECTOR)
POWER TRANSMISSION CORPORATION
OF UTTARAKHAND LTD., DEHRADUN

Statutory Alert:

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BEFORE UTTARAKHAND ELECTRICITY REGULATORY COMMISSION, DEHRADUN

FILE NO.

CASE NO.

IN THE MATTER OF:

Regarding filing of Petition for approval of True-up for FY 2021-22, Annual Performance Review (APR) for FY 2022-23 and Aggregate Revenue Requirement (ARR) for FY 2023-24 of PTCUL (Reply to Annexure-A) UERC/7/ CL/ 592 /2022-23 /1100 dated 07.12.2022.

IN THE MATTER OF:

Power Transmission Corporation of Uttarakhand Limited.
"Vidyut Bhawan", Near I.S.B.T. Crossing, Saharanpur Road, Majra, Dehradun, 248002.

..... Petitioner

Affidavit

I, P.C Dhyani, S/o Late Shri Shridhar Prasad Dhyani, aged about 56, working as Managing Director, Power Transmission Corporation of Uttarakhand Limited, the deponent named above do hereby solemnly affirm and state on oath as under: -

1. That the deponent is the Managing Director of Power Transmission Corporation of Uttarakhand Limited, who is authorized as per the resolution of the company (In case the Petitioner is a Company) dated 25.11.2022 and is acquainted with the facts deposed to below.
2. I, the deponent named above do hereby verify that the contents of the paragraph Nos. 1 of the affidavit and the statements made and data presented in the accompanying petition are true to my personal knowledge and are based on present information/ records of the Company and are based on estimation arising from present data/ records of the company which I believe to be true and verify that no part of this affidavit is false and nothing material has been concealed.

P.C. Dhyani
(Deponent)

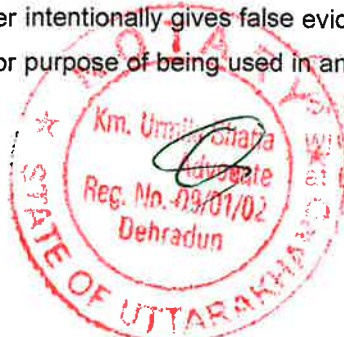
(MANAGING DIRECTOR)
POWER TRANSMISSION CORPORATION
OF UTTARAKHAND LTD., DEHRADUN

I, *Nadeem Alam Khan* Advocate, do hereby declare that the person making this affidavit is known to me through the perusal of records and I am satisfied that he is the same person alleging to be deponent himself.

Nadeem Alam Khan
UK 249/2014
(.....)
Advocate

Solemnly affirmed before me on this day of 2022 by the deponent who has been identified by the aforesaid Advocate.

I have satisfied myself by examining the deponent that he understood the contents of the affidavit which has been read over and explained to him. He has also been explained about section 193 of Indian Penal Code that whoever intentionally gives false evidence in any of the proceedings of the Commission or fabricates evidence for purpose of being used in any of the proceedings shall be liable for punishment as per law.

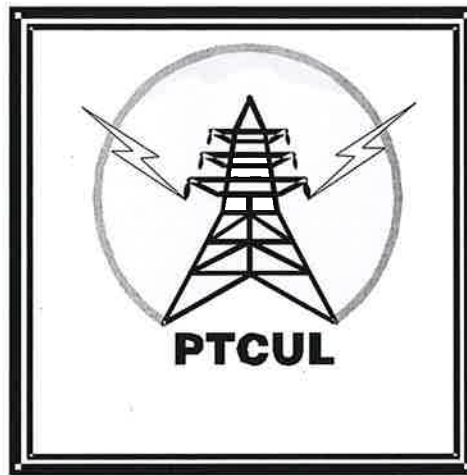


P.C. Dhyani
014/12/22
Notary Public
Km. URMIL CHHABRA
Advocate & NOTARY, Dehradun
Nadeem Alam Khan Adv.

Replies to the Deficiency Note

Submitted to
Uttarakhand Electricity Regulatory Commission,
Dehradun

By



Power Transmission Corporation of Uttarakhand Limited
Vidyut Bhawan, Near I.S.B.T. Crossing, Saharanpur Road, Majra,
Dehradun-248002

December 2022


(MANAGING DIRECTOR)
POWER TRANSMISSION CORPORATION
OF UTTARAKHAND LTD., DEHRADUN



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*

Went - Sir

Shrestha

P. S. Singh
(MANAGING DIRECTOR)
POWER CORPORATION
OF UTTARANCHAL LTD., DEHRADUN

Petition filed by Power Transmission Corporation of Uttarakhand Limited for True up for FY 2021-22, Annual Performance Review for FY 2022-23 and Revised ARR for FY 2023-24

A. General

1. PTCUL has submitted the excel formats along with its Petition. Some of the Forms are not duly filled in as detailed in the Table below:

Table 1: Details of missing information in Excel Formats

Form	Description	Shortcoming	Petitioner Reply
9.5	Element wise Break-up of Project/ Asset/ Element Cost for Transmission System or Communication System	Form-9.5 to be submitted for all the projects capitalised in FY 2022-23 (till 30 th September 2022)	It is submitted that Form 9.5 for all the projects capitalised in FY 2022-23 (till 30 th September 2022) has been submitted in along with the Petition at Page no. 195 to 205 for kind consideration by the Hon'ble Commission.
9.6	Break-up of Construction/ Supply/ Service Packages	Form-9.6 to be submitted for all the projects capitalised in FY 2021-22 and FY 2022-23 (till 31 st September 2022)	It is submitted that Form 9.6 for all the projects capitalised in FY 2021-22 and FY 2022-23 (till 30 th September 2022) has been submitted in along with the Petition at Page no. 206 to 210 for kind consideration by the Hon'ble Commission.
9.7	Details of element wise cost of the project	Complete details (for all the projects) not furnished in the specified format such as apportioned approved cost and amount capitalized.	It is submitted that the updated Form-9.7- Details of element wise cost of Project has been provided as Annexure-1 of these replies.
9.8	Statement of Additional Capitalisation after COD	Details to be furnished separately for capitalisation within cut-off date and beyond cut-off date	It is submitted that the updated Form 9.8 has been provided as Annexure-2 of these replies
9.9	Financing of Additional Capitalisation	Details not furnished	It is submitted that the updated Form-9.9- Financing of Additional Capitalisation has been provided as Annexure-3 of these replies.
9A	Scheme Wise Detail of Capital Expenditure	1. Mismatch of Schemes Capitalized during FY 2021-	It is submitted that the value of Rs. 20.38 Crore is



MANAGING DIRECTOR
POWER TRANSMISSION CORPORATION
OF UTTARAKHAND LTD., DEHRADUN

Form	Description	Shortcoming	Petitioner Reply
		22 as submitted in Form 9A (Rs. 20.38 Crore) vs Details of Schemes Capitalized during FY 2021-22 as submitted in Form 9.8 (Rs. 17.16 Crore)	erroneously linked at Form 9A. Further the Value pertaining to the Form-9.8 Additional capitalisation of Rs. 17.16 Crore is considered for the computation of the ARR components. The Updated Form 9A is provided at Annexure-4 of these replies for kind consideration of the Hon'ble Commission.
9C	Statement of De-capitalisation	De-capitalization details of only 0.03 Cr provided against the de-capitalization of 0.49 Cr in the Petition.	The details of de-capitalisation have been furnished in Form 9C and is submitted herewith as Annexure-5 for kind consideration of the Hon'ble Commission.
10.2	Statement of Depreciation	Details not furnished	It is submitted to the Hon'ble Commission that the asset class wise depreciation has already been submitted as Form 10.1. Since the information as asked in Form 10.2 is not maintained as such, it would be difficult to furnish the same. Hence, the Petitioner humbly prays to the Hon'ble commission to consider the Statement of Asset wise Depreciation as provided in Form instead.
11.3	Statement of Capital Expenditure & Schedule of Completion of New Schemes	Details not furnished	The details for proposed projects is already provided in Form 18. Since, the information sought in the format is not available as of now, the Commission is humbly requested to consider the information provided in Form 18.
11.4	Break-up of Scheme-wise Capital Expenditure for New Schemes	Details not furnished	The details for proposed projects are already provided in Form 18. Since, the information sought in the

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(MANAGING DIRECTOR)
POWER TRANSMISSION CORPORATION
OF UTTARAKHAND LTD., DEHRADUN

Form	Description	Shortcoming	Petitioner Reply
			format is not available as of now, the Commission is humbly requested to consider the information provided in Form 18.
13	Details of Capital Cost and Financing Structure	The details for current year (2022-23) have not been submitted separately for Apr-Sep (Actual) and Oct-Mar (Estimated)	The Updated Form-13 consisting details of capital cost of Financing structure for current year H1 (Apr-Sept) and H2 (Oct-Mar) are provided separately herewith as Annexure-6 of these replies.
14.1	Financial Package upto COD	Details not furnished	The information required in the format is not maintained as such. Hence, the Petitioner humbly prays to the Hon'ble Commission to consider the information provided in the format.
16	Interest and Finance Charges	Complete details not furnished in the specified format such as state government loans and secured/unsecured loans.	Since the loan withdrawal shall depends upon the project's financial progress and cannot be projected for various loans separately, it would not be feasible to provide details in the given format. Hence, the Petitioner humbly prays to the Hon'ble Commission to consider the information provided in the format.
17	Details of Interest on Working Capital	The details for current year (2022-23) have not been submitted separately for Apr-Sep (Actual) and Oct-Mar (Estimated)	The updated Form-17 consisting details of interest on working capital for current year H1 (Apr-Sept) and H2 (Oct-Mar) are provided separately herewith as Annexure-7 of these replies.
19	Investment Plan	Details not furnished	The details have been provided in Form 9A and Form 18.

B. True-up for FY 2021-22


(MANAGING DIRECTOR)
POWER TRANSMISSION CORPORATION
OF UTTARAKHAND LTD., DEHRADUN

2. PTCUL has submitted the details of capitalization in Tables 2-1 and 2-2. In this regard, PTCUL is required to remove the below-mentioned shortcomings:

Table 2: Details Capitalisation in FY 2021-22

S.No	Name of the Project	Scheme	Shortcomings	Petitioner Reply
1	Supply, Erection & Testing and Commissioning of 40 MVA 132/33 KV Transformer and its associated 132 KV and 33 KV bays including extension and bisection of 33 KV main bus at 220 KV S/s Kamluaganja, Haldwani against Tender Specification no. PTCUL/E-Tender/ C&P-II/SS-15/2017-18	REC-10950	The work order is not legible, PTCUL is required to resubmit the work order.	It is submitted the Work Order of the Project is submitted as Annexure-8 of these replies.
2	Supply Erection and Testing & Commissioning of 132/33kv Transformer and its associates 132kv and 33kv Bays including extension and bisection of 33kv main bus at 132kv S/s Jaspur	REC-10950	Electrical Inspector Certificate submitted for energization of Transformer only. PTCUL is required to submit the Electrical Inspector Certificate for the energisation of 132 kV and 33 kV Bay.	It is submitted that the Electrical Inspector Certificate of 132 kV and 33 kV Bay are provided as Annexure-8 of these replies.
3	Supply Erection and Testing & Commissioning of 40 MVA 132/33 KV Transformer and 132 KV and 33 KV Transformer Bay at 132 KV S/s Laksar	REC-10760	Electrical Inspector Certificate submitted for energization of Transformer and 33 kV Bay only. PTCUL is required to submit the Electrical Inspector Certificate for the energization of 132 kV Bay.	It is submitted that the Electrical Inspector Certificate of 132 kV bay is provided as Annexure-8 of these replies.
4	Const. of 132/33 KV Bay of 20 MVA Transformer for AIIMS of 132 KV S/s IDPL Rishikesh	Deposit	Submit the Electrical Inspector Certificate.	The Construction of 132/33 kV Bay of 20 MVA Transformer for AIIMS at 132 kV IDPL substation, Rishikesh has been completed but not put in use till date. The tendering of

(MANAGING DIRECTOR)
POWER TRANSMISSION CORPORATION
OF UTTARAKHAND LTD., DEHRADUN

S.No	Name of the Project	Scheme	Shortcomings	Petitioner Reply
				supply, Erection and commissioning of 01 No. of 20 MVA Transformer (132/33kV) is under progress.

3. In Table 2-7 of the Petition, PTCUL submitted Rs. 10.06 Cr under Deposit works during FY 2021-22, Whereas in Table 2-1 GFA addition under the deposit scheme for FY 2021-22 is Rs. 8.97 Cr. PTCUL is required to submit the reasons for variation.

Petitioner's Reply:

The Petitioner would like to submit that the Deposit works of Rs. 10.06 Crore in Table 2-7 of the Petition is total sum of Deposit works of Rs. 8.97 Crore in the table 2-1 which is the capitalisation in FY 2021-22 and Deposit Works of Rs. 1.09 Core in the Table 2-2 which is additional Capitalisation for FY 2021-22. The detailed of Deposit works in additional capitalisation for FY 2021-22 is as shown in the below table:

Table 1: Depositworks in additional capitalization in FY 2021-22 (INR Crore)

S.No	Particular	Amount
1	Extension works of swithc-yard at 132 KV Manglore	0.08
2	Construction of Quarters & other depelement works at 220 KV S/s SIDCUL Haridwar	0.14
3	Earth filling & Construction of Road & Misc. Works at 220 KV S/s Ramnagar	0.04
4	Modification/raising height of LILO of 132 KV D/C Pilibhit-Khatima line at railway track crossing (between MajholaPakaria&Khatima stations TP no. 34/4-5) between tower locations no. 6(DC+6) & 7(DC+6)	0.00
5	Const. of 132 KV Overhead line from 132 KV S/s Jwalapur to 132 KV Railway S/s Jwalapur	0.80
Total		1.09

4. In Table 2-18 of the Petition, PTCUL submitted Rs. 73.34 Cr as GFA addition, whereas in Table 2-7 the GFA addition during FY 2021-22 is Rs. 88.21 Cr. PTCUL is required to submit the reasons for variation.

Petitioner's Reply:


 (MANAGING DIRECTOR)
 POWER TRANSMISSION CORPORATION
 OF UTTARAKHAND LTD., DEHRADUN

The Petitioner would like to submit that the GFA addition during FY 2021-22 shown in the table 2-7 is the gross addition of Rs.88.21 Crore which includes the amount of works of with regard to Deposit and Grants which amounts to Rs. 14.86 Crore. However, while computing the Depreciation, Return on Equity and Interest on Loan the value of assets created out of consumer contribution, grants and subsidies has been deducted from gross GFA to compute the Net GFA ($88.21 - 18.86 = 73.34$).

5. In Table 2-15 of the Petition, PTCUL has claimed the actual O&M Expenses of Rs. 143.37 Crore inclusive of UITP Projects (*including Employee Expenses of Rs. 90.54 Crore (inclusive of impact of 7th Pay Commission of Rs. 0.12 Crore), R&M of Rs. 20.59 Crore, A&G of Rs. 32.23 Crore*) for FY 2021-22. In this regard, the Petitioner is to submit the following:
- Clarify the mismatch of actual R&M Expenses of Rs. 20.59 Crore as submitted in the Petition and Rs. 21.04 Crore as recorded under Schedule 28 of the Audited Accounts for FY 2021-22.
 - Clarify the mismatch of actual A&G Expenses of Rs. 32.23 Crore as submitted in the Petition and Rs. 32.73 Crore as recorded under Schedule 29 of the Audited Accounts for FY 2021-22.

Petitioner's Reply:

The Petitioner would like to submit that the actual O&M Expenses of Rs. 143.37 Crore claimed is excluding UITP projects.

- The Petitioner submits that the actual R&M Expense of Rs. 20.59 Crore as claimed in the Petition is excluding UITP expenses of Rs. 0.45 Crore (as submitted in provisional balance sheet for FY 2022-23).
- The Petitioner submit that the actual A&G Expenses of Rs. 32.23 Crore as claimed in the Petition is excluding UITP expenses of Rs. 0.49 Crore (as submitted in provisional balance sheet for FY 2022-23).


(MANAGING DIRECTOR)
POWER TRANSMISSION CORPORATION
OF UTTARAKHAND LTD., DEHRADUN

Name of Transmission Licensee : Power Transmission Corporation of Uttarakhand Limited

Form: 9.7

Details of elementwise cost of the project

(Figures in Rs Crore)

Name of line	Apportioned approved cost (Rs. Lakh)	Revised cost estimates, if applicable (Rs. Lakh)	Amount capitalized / Proposed to be capitalized	Covered in the present petition	
				Yes	No
132KV Chila-Najibabad LILO Line at Padartha	24.05	NA	20.16	Yes	
220 kV D/C Line on Twin Zebra conductor form Lakhwar to Dehradun & its LILO at Vyasi	136.35	NA	121.64	Yes	
Const. of 132 KV S/C Overhead Line from 220 KV S/s SIDCUL Haridwar to 132 KV S/s Jwalapur & Const. of 132KV Bay(s) at both ends for 132 KV Overhead line from 220 KV Substation SIDCUL Haridwar to 132 KV S/s Jwalapur	4.77	9.67	7.26	Yes	

Name of Sub-station	Apportioned approved cost (Rs. Lakh)	Revised cost estimates, if applicable (Rs. Lakh)	Completed Cost (Rs. Lakh)	Covered in the present petition	
				Yes/No	If No, petition No.
132KV Sub-Station Padartha	36.26	NA	32.89	Yes	

Name of Communication System	Apportioned approved cost (Rs. Lakh)	Revised cost estimates, if applicable (Rs. Lakh)	Completed Cost (Rs. Lakh)	Covered in the present petition	
				Yes/No	If No, petition No.


 (MANAGING DIRECTOR)
 POWER TRANSMISSION CORPORATION
 OF UTTARAKHAND LTD., DEHRADUN

Petitioner

Name of Transmission Licensee : Power Transmission Corporation of Uttarakhand Limited

Form: 9.8

Statement of Additional Capitalisation after COD

(Figures in Rs Crore)

Sr. No.	Year	Work/Equipment proposed to be added after COD upto Cut off Date/beyond Cut- off Date	Is the Project Within Cut-off Date / Beyond Cut-off Date	Amount capitalized /Proposed to be capitalized	Justification	Regulations under which covered	Admitted Cost
FY 2021-22							
1	2021-22	Construction of 220kV Pirankaliyar-Puhana (PGCIL) Line	Within Cut off Date	12.78	Pending Supply and erection bills of the project	Regulation 22 UERC MYT Regulations, 2018	
2	2021-22	220 KV S/S IIP Dehradun (Harrawala) (Residential Colony for Staff)	Date of Capitalisation was 31-05-2021, within Cut-off date	0.52	Bills of residential colony of the project	Regulation 22 UERC MYT Regulations, 2018	
3	2021-22	(PFC-09303010) Const. of 220/33 KV Jaffarpur	Date of Capitalisation was 31-03-2021, Within Cutoff date	0.01	Miscellaneous exp (fabrication & plantation expenses)	Regulation 22 UERC MYT Regulations, 2018	
4	2021-22	(PFC-9303010) LILO of 220 KV Kashipur-Pantnagar line at proposed 220 KV S/s Jaffarpur	Date of Capitalisation was 31-03-2021, Within Cutoff date	2.41	Bills of crop compensation and balance supply, survey, erection & type testing bills of the project	Regulation 22 UERC MYT Regulations, 2018	
5	2021-22	132 KV S/C Ranikhet - Bageshwar Line		0.00	Bills of colony road, supply mains & drains of the project	Regulation 22 UERC MYT Regulations, 2018	
6	2021-22	LILO of 220KV S/C Rohnabad (Haridwar)- Puhana line at 220/33KV substation Piran Kalier	Date of Capitalisation was 23-09-2018, within Cut-off date	0.32	Land and crop compensation	Regulation 22 UERC MYT Regulations, 2018	
7	2021-22	Extension work of swithc-yard at 132 KV Manglore	Beyond Cut-off Date -31-10-2006	0.08	Due to construction of security fencing/ wall and spreading of gravels in extended switchyard	Regulation 22 UERC MYT Regulations, 2018	
8	2021-22	Construction of Quarters & other development works at 220 KV S/s SIDCUL Haridwar	Beyond Cut-off Date -31-10-2007	0.14	Construction of Type I,II,IV & other development workat 220 KV S/s SIDCUL Haridwar	Regulation 22 UERC MYT Regulations, 2018	
9	2021-22	Earth filling & Construction of Road & Misc. Works at 220 KV S/s Ramnagar	Beyond Cut-off Date -30-09-2006	0.04	Earth filling Const. of Road & Misc. works at 220 KV S/s Ramnagar, Roorkee	Regulation 22 UERC MYT Regulations, 2018	
10	2021-22	Const. of 132 KV GIS S/s at Bageshwar(9303013)	Date of Capitalisation was 20-12-2020, within Cutoff date	0.00	Bills fo colony road, supply mains & drains of the project	Regulation 22 UERC MYT Regulations, 2018	
11	2021-22	Modification/raising height of LILO of 132 KV D/C Pilibhit-Khatima line at railway track crossing (between Majhola Pakaria & Khatima stations TP no. 34/4-5) between tower locations no. 6(DC+6) & 7(DC+6)	Cut off date 16-01-2020 Date of completion 25-02-2020 so work completed after 40days of cutt off date	0.00	on account of pyament of bills submitted after CoD	Regulation 22 UERC MYT Regulations, 2018	
12	2021-22	Const. of 132 KV Overhead line from 132 KV S/s Jwalapur to 132 KV Railway S/s Jwalapur	Wilthin Cut off Date	0.80	On account of GST payable to BHEL which was not paid in FY 2019-20 against the RoW Charges	Regulation 22 UERC MYT Regulations, 2018	
13	2021-22	Development of web based software & implementation of online system for grant of NoC to open access consumers	Within Cut off Date	0.03	Details submitted in SLDC Petition	Regulation 22 UERC MYT Regulations, 2018	
Total				17.16			

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(MANAGING DIRECTOR)
POWER TRANSMISSION CORPORATION
OF UTTARAKHAND LTD., DEHRADUN

Name of Transmission Licensee : Power Transmission Corporation of Uttarakhand Limited

Form: 9.9

Financing of Additional Capitalisation

(Figures in Rs Crore)

Financial Year (Starting from COD)	Actual/Projected					Admitted				
	FY 2021-22	Year2	Year3	Year4	Year 5 & So on	Year1	Year2	Year3	Year4	Year 5 & So on
1	2	3	4	5	6	7	8	9	10	11
Amount capitalised in Work/Equipment	16.08									
Financing Details										
Loan-1										
Loan-2										
Loan-3 and so on										
Total Loan	11.26									
Equity	4.82									
Internal Resources										
Deposit	1.08									
Total	17.16									

Note:

1 Year 1 refers to Financial Year of COD in case of new elements. For existing elements it is from 2014-15 and Year 2, Year 3 etc. are the subsequent financial years respectively.
 2 Loan details for meeting the additional capitalisation requirement should be given as per FORM-9 or 9(A) whichever is relevant.

Petitioner


 (MANAGING DIRECTOR)
 POWER TRANSMISSION CORPORATION
 OF UTTARAKHAND LTD., DEHRADUN

Name of Transmission Licensee : Power Transmission Corporation of Uttarakhand Limited

Form: 9.A
Scheme wise detail of capital expenditure

Sr. No.	Project Details	Scheme	Investment Approval Date	Start Date		Completion Date		Approved Cost as per Investment	Capitalisation Upto Previous Year FY 2021-22	Capitalisation claimed for the Current year FY	Date of Capitalization	PV paid upto date of		Actual PV Paid		IDC Included in Actual Cost	Reasons for Cost Overrun	Reasons for time overrun	Whether Part Capitalization or Full	Electrical Inspector Certificate	Remarks	
				Scheduled Date	Actual Date	Schedule Date	Actual Date					Supply	Erection	Supply	Erection							
Works Capitalised in FY 2021-22																						
1	Const. of 01 no. 132 KV Bay for 132 KV Substation Bazpur	PFC-3043	07.02.2017	25.02.2020	25.02.2020	24.02.2021	10.09.2021	13.86	0.57		14.10.2021	-	-	-	-	-		Work delayed Due to COVID 19.	Full Capitalisation	Copy enclosed as Annexure III for kind consideration of the Hon'ble Commission.		
2	Const. of 01 no. 132 KV Bay and extensions of bus for 132 KV Bazpur Ckt-2 Transmission Line at 400 KV Substation Kashipur	PFC-3036	27.09.2016	28.01.2020	28.01.2020	27.01.2021	27.10.2021	2.37	1.29		18.11.2021	-	-	-	-	-		Work delayed Due to COVID 19.	Full Capitalisation	Copy enclosed as Annexure III for kind consideration of the Hon'ble Commission.		
3	Supply, Erection, Testing & Commissioning of 01 No 40 MVA Transformer at 132 KV S/S Kichha against Tender Specification No. PTCUL/E-Tender/C&P-II/SS-10/2017-18	PFC-3031	07.02.2017	14.09.2018	14.09.2018	13.09.2019	07.01.2022	4.86	3.96		07-01-2022	-	-	-	-	-		Work delayed Due to COVID 19. Further contract was awarded to M/s SNS Technocrop Pvt Ltd New Delhi. The revised drawing of Transformer was approved by Engg. Wing of PTCUL on 05.08.2019, but as per contract the transformer manufacturing company M/s CGL could not supply the power transformer due to financial crisis of the company. SE (C&P) PTCUL, Dehradun issued notice of termination of the firm for progress of work within 30 days vide letter no 96/SE (C&P II)/PTCULSS-10/2017-18 dt 29.02.2020	Full Capitalisation	Copy enclosed as Annexure III for kind consideration of the Hon'ble Commission.		
4	Supply, Erection & Testing and Commissioning of 40 MVA 132/33 KV Transformer and its associated 132 KV and 33 KV bays including extension and bisection of 33 KV main bus at 220 KV S/S Kamluaganja, Haldwani against Tender Specification no. PTCUL/E-Tender/ C&P-II/SS-15/2017-18	REC-10950	01.03.2017	15.09.2018	15.09.2018	14.09.2019	07.02.2022	6.32	5.46		07-02-2022	-	-	-	-	-		Contract has been awarded to M/s SALSAR M/s SALASAR informed that M/s CGL (Transformer manufacturer) is not able to supply the power transformer due to financial crisis. SE(C&P) PTCUL issued notice to termination of the firm for progress of work within 30 days vide letter no. 99/SE/SE(C&P-II) PTCUL/SS-10/2017-18 dt 29.02.2020	Full Capitalisation	Copy enclosed as Annexure III for kind consideration of the Hon'ble Commission.	Transformer charged on 31.12.2021	
5	Supply Erection and Testing & Commissioning of 132/33kv Transformer and its associates 132kv and 33kv Bays including extension and bisection of 33kv main bus at 132kv S/s Jaspur	REC-10950	01.03.2017	15.09.2018	15.09.2018	14.09.2019	28.10.2021	9.56	7.35		24.03.2022	-	-	-	-	-		Work delayed Due to COVID 19.	Full Capitalisation	Copy enclosed as Annexure III for kind consideration of the Hon'ble Commission.		
6	Supply Erection and Testing & Commissioning of 40 MVA 132/33 KV Transformer and 132 KV and 33 KV Transformer Bay at 132 KV S/S Lakser	REC-10760	01.03.2017	15.09.2018	15.09.2018	14.03.2019	28.12.2021	5.73	5.61		28-12-2021	-	-	-	-	-		Supply of Power Transformer was delayed by Manufacturing company (M/s CGL) due to financial crisis and due to CoVID-19.	Full Capitalisation	Copy enclosed as Annexure III for kind consideration of the Hon'ble Commission.		
7	Supply Erection and Testing & Commissioning of 40MVA 132KV Transformer & 132KV & 33KV Transformer bay at 132KV S/S Bundal	PFC-3030	10.02.2017	26.09.2018	05.06.2019	25.07.2019	11.10.2021	6.03	5.83		11-10-2021	-	-	-	-	-		The reason for time overrun is enclosed as Annexure-9A-1 for kind consideration of the Hon'ble Commission.	Full Capitalisation	Copy enclosed as Annexure III for kind consideration of the Hon'ble Commission.		
8	Supply Erection & Testing & Commissioning of 01 no. 40 MV Transformer 01 no. 132 KV & 33KV Transformer Bay at 132KV S/S Jashodharpur Kotdwar (Pauri Garhwal)	PFC-3032	10.02.2017	26.09.2018	15.02.2019	25.03.2019	30.10.2021	10.02	5.84		30-10-2021	0.6123988 Including GST (Payment Left due to Time Extension Verification)	-	-	-	-	0.03		1. Unavailability of Power Transformer due to delayed by manufacturing company (Due to Financial Crisis) 2. Lockdown due to Covid 19 Pandemic.	Full Capitalisation	Copy enclosed as Annexure III for kind consideration of the Hon'ble Commission.	PV Bill can not be proceed upto approval of time extension
9	Const. of 132/33 KV Bay of 20 MVA Transformer for AIIMS of 132 KV S/S IDPL Rishikesh	DEPOSIT	18.10.2018	23.03.2020	08.10.2020	22.09.2020	16.09.2021	1.27	1.06		16-09-2021	-	-	-	-	-		Work delayed due to COVID-19 and non-availability of manpower	Part Capitalization	NA		
10	220KV D/C line on Twin Zebra conductor from Lakhwar to Dehradun & its L.L.O at Vyasi. (Construction of Pile foundations and wire mesh crate protection work at different tower locations of 220 KV Twin Zebra Lakhwar -Vyasi transmission line Dehradun.)	REC VIII	28.04.2015	25.03.2019	25.03.2019	24.09.2019	30.04.2021	136.35	6.96		30.04.2021	-	-	-	-	-		The reason for time overrun is enclosed as Annexure-9A-2 for kind consideration of the Hon'ble Commission.	Part Capitalization	NA	The Construction of 220 KV Lakhwar-Vyasi is completed & Capitalised in FY 2022-23. However, pile foundation and wire Mesh work of under the project completed during FY 2021-22.	
11	Const. of 132 KV S/C Overhead Line from 220 KV S/S SIDCUL Haridwar to 132 KV S/S Jwalapur & Const. of 132KV Bay(s) at both ends for 132 KV Overhead line from 220 KV Substation SIDCUL Haridwar to 132 KV S/S Jwalapur	RCRM-9025	23.07.2015 & 01.03.2017	30.05.2015	30.05.2015	26.01.2017	09-02-2022	4.77 (Revised 9.67)	7.26		09-02-2022	-	-	-	-	-		The reason for time overrun is enclosed as Annexure-9A-3 for kind consideration of the Hon'ble Commission.	Full Capitalisation	Copy enclosed as Annexure III for kind consideration of the Hon'ble Commission.		
12	Shifting of Tower no 76 of 220KV Rishikesh-Dharasu Line	DEPOSIT	12.03.2020	25.11.2020	25.11.2020	10.04.2021	15.12.2021	0.86	0.24		15-12-2021	-	-	-	-	-		1. Work delayed Due to COVID 19 2. Shutdown of the above line could not be provided due to high power demand amid Divali festival.	Full Capitalisation	NA		
13	Survey for shifting of 03 Nos. 220KV Towers of 220KV Chamba-Dharasu & Rishikesh-Dharasu Line	DEPOSIT	08.07.2019	02.08.2019	02.08.2019	11.08.2019	10.06.2019	0.01	0.01		31-03-2022	-	-	-	-	-			Full Capitalisation	NA		
14	Tower No RU-III 64 C type of 220 KV Dharasu - Rishikesh Line	DEPOSIT	01.07.2021	05.07.2021	05.07.2021	04.08.2021	20.11.2021	0.23	0.21		05-07-2021	-	-	-	-	-		1. Work delayed Due to COVID 19 2. Shutdown of the above line could not be provided due to high power demand amid Divali festival.	Full Capitalisation	NA		
15	Const. of Approach road for Control Room and Residential Building at 132 KV S/S Rankhet	REC-9995	06.09.2016	16.07.2019	16.07.2019	15.01.2020	25-10-2021	1.61	0.47		25.10.2021	-	-	-	-	-		1. Very slow progress after march 2020 due to COVID-19 2. Work stopped at site many times by contractor post COVID period. Since the delay was at the end of the contractor against which penalty(LD) was imposed on the contractor as per agreement.	Full Capitalisation	NA		
16	Supply Erection & T&C of 40 MVA Transformer at 132 KV S/S Pithoragarh against tender Specification No. PTCUL/E-Tender/C&P-II/SS-14/2017-18	REC-10949	01.03.2017	14.09.2018	23.02.2022	13.09.2019	14.03.2022	4.27	4.07		14.03.2022	-	-	-	-	-		Contract has been awarded to M/s SNS Technocrop Pvt Ltd. as per PTCUL's LOA no- 810/SE(C&P-II)/PTCUL/SS-14/2017-18 Dated- 14-09-2018 for work of "Supply, Erection & Testing and commissioning of 40 MVA 132/33 KV Transformer at 132 KV S/S Pithoragarh" but due to non-availability of access routes for safely transportation of 40 MVA Transformer to 132 KV S/S Pithoragarh, it was decided by higher authorities of PTCUL to divert the Transformer to 132 KV S/S Lal Tappar to meet the N-1 contingency at 132 KV S/S Lal Tappar against the letter no.211/SE(O&M)/C/D.dun/faltappar dated- 22-01-2022. The Details are provided as Annexure-9A-16.	Full Capitalisation	Copy enclosed as Annexure III for kind consideration of the Hon'ble Commission.		
17	Shifting/Diversion of 400KV Roorkee Muzaffarnagar Line for new Railway track from Roorkee to Deoband by northern Railway in village Jaitoli (P)	DEPOSIT	10.09.2018	28.02.2019	28.02.2019	20.03.2021	18.03.2021	7.16	5.44		30.09.2021	-	-	-	-	-			Full Capitalisation	Copy enclosed as Annexure III for kind consideration of the Hon'ble Commission.		
18	Shifting/ Diversion of 400 KV Rishikesh-Nahore Line for broadening of Haridwar-Nagina Section in NH-74 at Chidiyapur Range(LP)	DEPOSIT	10.09.2018	12.07.2019	12.07.2019	11.10.2020	09.11.2020	1.81	1.17		30.09.2021	-	-	-	-	-			Full Capitalisation	Copy enclosed as Annexure III for kind consideration of the Hon'ble Commission.		

(M)
POWER TRANSMISSION CORPORATION
OF UTTARAKHAND
DEHRADUN
(MANAGING DIRECTOR)
POWER TRANSMISSION CORPORATION
OF UTTARAKHAND LTD., DEHRADUN

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Sr. No.	Project Details	Schema	Investment Approval Date	Start Date		Completion Date		Approved Cost as per Investment	Capitalisation Upto Previous Year FY 2021-22	Capitalisation claimed for the Current year FY	Date of Capitalization	PV paid upto date of		Actual PV Paid		IDC Included In Actual Cost	Reasons for Cost Overrun	Reasons for time overrun	Whether Part Capitalization or Full	Electrical Inspector Certificate	Remarks		
				Scheduled Date	Actual Date	Scheduled Date	Actual Date					Supply	Erection	Supply	Erection								
19	Construction of 132 KV Bus Coupler Bay at 132 KV S/S Bhowali	PFC	26.05.2012	15.06.2012	15.06.2012	15.10.2012	14.10.2020	0.48 (Excluding Tax)	0.52		31.08.2021										Delay due to site hindrance. The reasons for time overrun are submitted as Annexure- 9A-4 for kind consideration of the Hon'ble Commission.	Copy enclosed as Annexure III for kind consideration of the Hon'ble Commission.	
20	Const. of 01 no. 33KV bay at 220KV S/s Pantnagar (U.S Nagar) under deposit head for proposed 33/11 KV S/s of UPCL at Gangapur (Rudrapur)	DEPOSIT	28.11.2018	29.07.2019	29.07.2019	31.07.2020	27.08.2020	0.64	0.42		27.08.2020										Copy enclosed as Annexure III for kind consideration of the Hon'ble Commission.		
21	Construction of 1 No. 33 KV Bay at 220KV S/s Pantnagar for Ashok Leyland	DEPOSIT	21.11.2017	15.06.2018	15.06.2018	14.03.2019	28.07.2020	0.47	0.42		17-08-2020										Due to Contractor Delay	Copy enclosed as Annexure III for kind consideration of the Hon'ble Commission.	
22	66 kv Sub-Station Karanpravaa	-	-	-	-	-	01-01-2022	-	0.00		31-12-2021												
23	66 kv Sub-Station Kothiyalsain	-	-	-	-	-	01-01-2022	-	0.00		31-12-2021												
24	66 kv Sub-Station Jashimath	-	-	-	-	-	01-01-2022	-	0.00		31-12-2021												
25	66 kv Srinagar - Jashimath Lines	-	-	-	-	-	01-01-2022	-	0.00		31-12-2021												
Miscellaneous Works																							
26	Const. of Boundary Wall at 132KV S/s Rudrapur under 220KV O&M Div PTCUL Pantnagar against E-Tender Spec No. SE(O&M)PTCUL/HLD/19/2020-21	Others					02-07-2021		0.33		02-07-2021										Full Capitalisation	NA	
27	Installation of water purifier at 220 KV O&M Division Chamba	Others					14-01-2022		0.00		14-01-2022										Full Capitalisation	NA	
28	Supply & Installation of Batteries UPS DC Set- O&M Division Office Dehradun	Others					25-08-2021		0.10		25-08-2021										Full Capitalisation	NA	
29	R&M Work P&M-O&M Division 400 KV Srinagar	Others					18-04-2021		0.00		18-04-2021										Full Capitalisation	NA	
30	Tools & Plants-O&M Division 400 KV Srinagar	Others					26-07-2021		0.00		26-07-2021										Full Capitalisation	NA	
31	Stock Adjustment-O&M Division 132 KV Srinagar	Others					21-10-2021		0.02		21-10-2021										Full Capitalisation	NA	
32	Mobile Phone (SCADA Dehradun)	OTHERS					11-10-2021		0.02		11-10-2021										Full Capitalisation	NA	
33	FURNITURE & FIXTURES- Project Head Quarter Payment Unit Dehradun	OTHERS					04-01-2022		0.06		04-01-2022										Full Capitalisation	NA	
34	IT Equipment Computer & Printers- Project Head Quarter Payment Unit Dehradun	OTHERS					23-07-2021		0.06		23-07-2021										Full Capitalisation	NA	
35	O&M Works 220 KV - Roorkee	OTHERS					05-08-2021		0.00		05-08-2021										Full Capitalisation	NA	
36	Others Works-220KV O&M Div. Chamba	OTHERS					31-03-2022		0.57		31-03-2022										Full Capitalisation	NA	
37	Other O&M Works not under any Scheme-O&M Division 220 kv Roorkee (new construction of Gate and Guard Hut)	OTHERS					20-08-2019		0.06		20-08-2019										Full Capitalisation	NA	
38	Construction of Tube well at 220/132KV S/s Residential colony Roorkee	OTHERS					01.10.2020		0.18		01.10.2020										Full Capitalisation	NA	
39	CT/PT/LA (O&M Division Dehradun Maira)	Internal Resources					13-01-2021		0.06		13-01-2021										Full Capitalisation	NA	
40	Procurement & Installation of 2X10 MVAR Capacitor Bank at 220 KV Substation Roorkee Against E-Tender Specification no. CE/GZR-04/2014-15	Internal Resources					26-08-2019		0.58		26-08-2019										Full Capitalisation	NA	
41	Construction of new sum pump at Maira residential colony	Internal Resources					27.11.2020	0.06	0.06		31.07.2021										Full Capitalisation	NA	
Grant																							
41	Supply Erection Testing and Commissioning of LT Switchgear at various S/s of Garhwal & Kumaon Zone under PSDF Scheme	PSDF					27.11.2020		1.43		27.11.2020										Full Capitalisation	NA	
42	Supply Erection Testing & Commissioning of Fire fighting system under package-F	PSDF					06.06.2019		1.73		06.06.2019										Full Capitalisation	NA	
43	Supply of Godrej make 2.0 Ton/6000 kcal/hr High Wall Split AC 5 Star With installation and commissioning	PSDF					03.11.2021		0.60		03.11.2021										Full Capitalisation	NA	
44	Supply Erection Testing & Commissioning of Diesel Generator Set at various S/s of Garhwal & Kumaon Zone under PSDF Scheme	PSDF					27.11.2021		1.04		27.11.2021										Full Capitalisation	NA	
Sub-Total									71.05														
Additional Capitalisation (Details submitted in Form 9.B)									17.16														
Others (Material Received Back)									0.00														
Total Capitalisation (Main Capitalisation + Additional Capitalisation)									88.20														
Works Capitalised in FY 2022-23 (First half From 1.04.2022 to 30.09.2022)																							
1	220 kv DIC Line on Twin Zebra conductor form Lakhtar to Dehradun & its LILO at Vyasi	REC VIII	28.04.2015	11.05.2015	11.05.2015	10.08.2017	31-03-2022	136.35		114.68	07-05-2022	3.16	1.27	3.16	1.27	12.70	Cost over run was due to 1. Implication of GST 2. Final Approval of Forest Proposal was received on 13.08.2018 therefore Price variation was increased 3. Increase in Three no of towers due to Row as actual site condition 4. Change of foundation design of towers Locations from A to B due to ROW as per actual site condition and detailed Engineering 5. Change of foundation design of tower Location no AP10 and AP 11 (HILL Section) as per actual site condition and detailed engineering 6. Increase in revetment quantity for the protection of towers in hilly region and the towers which were adjacent to the river bed. However the variation is within the contractual limits of agreement that is within 20% variation.	The reasons with details for time over run is enclosed as Annexure-9A-5 with the format.	Full capitalization	Copy enclosed as Annexure XIV for kind consideration of the Hon'ble Commission.	Construction work completed on 31-03-2022 220 KV Twin zebra line from Vyasi to Jhajra was energised on 13-04-2022 and 220 KV Twin zebra line from Vyasi to Sherpur was energised on 07-05-2022		
2	Construction of 132/33 kv S/s, Patanjali Padartha, Haridwar.	PFC-3039	04.06.2017	27-07-2017	28.07.2017	15 months from the handing over of land by PTCUL which is 02.08.2017 i.e. upto 01.11.2018 and extended up to 31.08.2020	Energised on 29.08.2022		28.60		Energised on 29.08.2022	0.59	0.59			Yes	No cost Overrun	1. Permission of Soil for filling of land. 2. Due to COVID19 First and Second wave. 3. No entry of heavy vehicles in Haridwar during Kawad Mela. 4. Heavy Rain during monsoon. 5. Amendment in contract agreement due to the addition of Substation Automation System (SAS) 6. Delay in construction of associated transmission line due to Forest Approval and construction of well foundations in river Ganga.	Full Capitalization	Copy enclosed as Annexure XIV for kind consideration of the Hon'ble Commission.	Detail Analysis enclosed As Annexure-9A-6		


 (MANAGING DIRECTOR)
 POWER TRANSMISSION CORPORATION
 OF UTTARAKHAND LTD., DEHRADUN

Sr. No.	Project Details	Scheme	Investment Approval Date	Start Date		Completion Date		Approved Cost as per Investment	Capitalisation Upto Previous Year FY 2021-22	Capitalisation claimed for the Current year FY	Date of Capitalization	PV paid upto date of		Actual PV Paid		IDC included in Actual Cost	Reasons for Cost Overrun	Reasons for time overrun	Whether Part Capitalization or Full	Electrical Inspector Certificate	Remarks
				Scheduled Date	Actual Date	Schedule Date	Actual Date					Supply	Erection	Supply	Erection						
3	LLO of 132 KV Chilla-Nazibabad line at 132/33 KV S/s Patanjali Padertha Haridwar	PFC-3039	04-06-2017	20-12-2017	20.12.2017	31.03.2022 (Extended)	Energised on 16.08.2022	60.31		11.18	Energised on 16.08.2022					Yes	No cost Overrun	1. Approval of forest land transfer from the Forest Department 2. Delay in Construction of 4 Nos well foundations in river Ganga 3. Realignment of Tower locations due to ROW 4. Unprecedented rain in Area during monsoon 5. Lockdown due to COVID-19 Pandemic First and Second wave 6. ROW issues at location No. 04, 05, and 07. 7. High water level in river Ganga during monsoon	Full Capitalization	Copy enclosed as Annexure XIV for kind consideration of the Hon'ble Commission.	Detail Analysis enclosed As Annexure-9A-7
4	Const. of well foundation at various locations of LLO of 132KV Chilla-Nazibabad line at Ganga river near village Sajanpur Pili, Haridwar	PFC-3039	06.04.2007	03.04.2018	03.05.2018	02.04.2019	07.05.2022			8.99	07-05-2022						No cost Overrun	1. Delay in demarcation of construction site location by PTCUL 2. Delay in principle approval of Ministry of Forest and Environment. 3. Delay due to flood in Ganga River. 4. Delay due to Pandemic Covid-19. 5. Delay in sinking of well due to hard bouldry strata of river Ganga.	Full Capitalization	NA	Detail Analysis for time Overrun enclosed As Annexure-9A-8
5	Implementation of Intra-state ABT metering scheme for onlineing of ABT meters to be installed at interface points for energy accounting and transmission level emergency auditing under PTCUL, Dehradun	REC-10148	06.05.2016	31.07.2018	31.07.2018	31.01.2020	12.04.2022	44.04		13.24	12-04-2022	Rs.0.445 Crore (Without GST)	Rs.0.371 Crore (Without GST)			0.80	No cost Overrun	1. Due to delay in Type Test at ERDA. 2. Due to unavailability of shutdown for installation of Energy meters. 3. Due to Pandemic CoVID-19 as the survey report and quantity variation case submitted by M/s SML was to be verified through visit was hampered due to lock down imposed by Govt. 4. Due to changes in DSM Regulations from CERC/UERC.	Full Capitalization	NA	
Miscellaneous Works																					
6	FURNITURE & FIXTURES (T&C Division, Dehradun)	OTHERS						0.00		0.04	11-05-2022								Full Capitalization	Not Required	
7	Providing & Fixing of Air Conditioners (Head Quarter Payment Unit, Dehradun)	OTHERS						0.00		0.03	21-07-2022								Full Capitalization	Not Required	
8	IT Equipment, Computer & Printers (Head Quarter Payment Unit, Dehradun)	OTHERS						0.00		0.02	13-05-2022								Full Capitalization	Not Required	
9	FURNITURE & FIXTURES (under O&M Division 220 KV, Haldwani)	OTHERS						0.00		0.02	19-07-2022								Full Capitalization	Not Required	
10	IT Equipment, Computer & Printers (Head Quarter Payment Unit, Dehradun)	OTHERS						0.00		0.02	23-07-2022								Full Capitalization	Not Required	
11	Tools & Plants (under O&M Division 220 KV, Haldwani)	OTHERS						0.00		0.01	25-04-2022								Full Capitalization	Not Required	
12	IT Equipment, Computer & Printers (Head Quarter Payment Unit, Dehradun)	OTHERS						0.00		0.01	21-05-2022								Full Capitalization	Not Required	
13	OFFICE EQUIPMENT (GM (O&M) PTCUL, Haldwani)	OTHERS						0.00		0.01	23-04-2022								Full Capitalization	Not Required	
14	Providing & Fixing of Air Conditioners (Head Quarter Payment Unit, Dehradun)	OTHERS						0.00		0.01	25-07-2022								Full Capitalization	Not Required	
15	Air conditioner, Fan, Cooler & water cooler (Head Quarter Payment Unit, Dehradun)	OTHERS						0.00		0.01	12-09-2022								Full Capitalization	Not Required	
16	Equipments for Substation (220 KV O&M Division Piran Kaliyar (tmikhed))	OTHERS						0.00		0.01	01-08-2022								Full Capitalization	Not Required	
17	OFFICE EQUIPMENT (Head Quarter Payment Unit, Dehradun)	OTHERS						0.00		0.00	18-06-2022								Full Capitalization	Not Required	
18	O&M Works 220 KV - Roorkee (Under O&M Division 220 KV, Roorkee)	OTHERS						0.00		0.00	16-05-2022								Full Capitalization	Not Required	
19	Air conditioner, Fan, Cooler & water cooler (S.L.D.C. Majra Dehradun)	OTHERS						0.00		0.00	18-06-2022								Full Capitalization	Not Required	
20	OFFICE EQUIPMENT (T&C Division, Dehradun)	OTHERS						0.00		0.00	11-05-2022								Full Capitalization	Not Required	
21	Air conditioner, Fan, Cooler & water cooler (Project Office Haldwani)	OTHERS						0.00		0.00	06-05-2022								Full Capitalization	Not Required	
22	OFFICE EQUIPMENT (O&M Civil Division, Kamaluanganja, Haldwani)	OTHERS						0.00		0.00	13-07-2022								Full Capitalization	Not Required	
23	IT Equipment, Computer & Printers (Head Quarter Payment Unit, Dehradun)	OTHERS						0.00		0.00	06-08-2022								Full Capitalization	Not Required	
24	FURNITURE & FIXTURES (Head Quarter Payment Unit, Dehradun)	OTHERS						0.00		0.00	11-04-2022								Full Capitalization	Not Required	
25	IT Equipment, Computer & Printers (Head Quarter Payment Unit, Dehradun)	OTHERS						0.00		0.00	23-05-2022								Full Capitalization	Not Required	
26	Air conditioner, Fan, Cooler & water cooler (Project Office Haldwani)	OTHERS						0.00		0.00	20-06-2022								Full Capitalization	Not Required	
27	Biometric Machine (T&C Division Kashipur)	OTHERS						0.00		0.00	14-07-2022								Full Capitalization	Not Required	
28	OFFICE EQUIPMENT (Head Quarter Payment Unit, Dehradun)	OTHERS						0.00		0.00	20-04-2022								Full Capitalization	Not Required	
29	OFFICE EQUIPMENT (Head Quarter Payment Unit, Dehradun)	OTHERS						0.00		0.00	04-04-2022								Full Capitalization	Not Required	
30	Biometric Machine (O&M Division 400 KV, Rishikesh)	OTHERS						0.00		0.00	03-06-2022								Full Capitalization	Not Required	
31	Mobile Phone (O&M Division 400 KV, Rishikesh)	OTHERS						0.00		0.00	27-07-2022								Full Capitalization	Not Required	
32	Mobile Phone (O&M Division 400 KV, Srinagar)	OTHERS						0.00		0.00	11-05-2022								Full Capitalization	Not Required	
33	Mobile Phone (O&M Division 220 KV, Pantnagar)	OTHERS						0.00		0.00	01-06-2022								Full Capitalization	Not Required	
34	Mobile Phone (O&M Division 400 KV, Rishikesh)	OTHERS						0.00		0.00	05-09-2022								Full Capitalization	Not Required	
35	Transformers (under O&M Division 220 KV, Haldwani)	OTHERS						0.00		1.47	01-04-2002								Full Capitalization	Not Required	The Transformer has been shifted from 132 KV S/s Kichha to 132KV S/s Bhowali. (LUT)
36	Construction of Chain link Fencing, Raising of Boundary wall at 132 KV S/s, Simli	OTHERS						0.00		0.46	09-09-2021								Full Capitalization	Not Required	
37	Construction of 100KL OHT at the permises of 400/200/132 KV S/s, Rishikesh	OTHERS						0.00		0.32	30-10-2021								Full Capitalization	Not Required	
38	Providing and laying of water supply mains at 400/200/132 KV S/s, Rishikesh	OTHERS						0.00		0.22	04-09-2021								Full Capitalization	Not Required	
39	Battery 12V/150Ah delivered at 400 KV S/S Rishikesh	OTHERS						0.00		0.00	30-03-2022								Full Capitalization	Not Required	
Sub-Total										179.39											
Additional Capitalisation (Details submitted in Form 9.8)										0.00											
Others (Material Received Back)										0.00											
Total Capitalisation (Main Capitalisation + Additional Capitalisation)										179.39											
Works Capitalised in FY 2022-23 (Second half from 1st October 2022 up to 31st March 2023)																					
1	Supply and Installation of 01 no 160 MVA T/F and its associated 220 KV HV side & 132 KV LV side bay at 400 KV S/s Kashipur.	PFC	07.02.2017	26.09.2019	26.09.2019	25.09.2020		18.39	3.75	14.64	30-11-2022								Part Capitalization	No	All supply and works have been completed and testing & Commissioning in progress.


(MANAGING DIRECTOR)
POWER TRANSMISSION CORPORATION
OF UTTARAKHAND LTD., DEHRADUN

Sr. No.	Project Details	Scheme	Investment Approval Date	Start Date		Completion Date		Approved Cost as per Investment	Capitalisation Upto Previous Year FY 2021-22	Capitalisation claimed for the Current year FY	Date of Capitalization	PV paid upto date of		Actual PV Paid		IDC included in Actual Cost	Reasons for Cost Overrun	Reasons for time overrun	Whether Part Capitalization or Full	Electrical Inspector Certificate	Remarks			
				Scheduled Date	Actual Date	Schedule Date	Actual Date					Supply	Erection	Supply	Erection									
2	Construction of 132KV S/C Line on Panther Conductor on Double Circuit Towers from 220/132 KV S/s Pithoragarh (PGCIL) to 132/33 KV Sub-station Lohaghat (Champawat) of PTCUL	REC VII	19.12.2012	15.04.2015	15.04.2015	24.04.2022		64.05		62.79	31-03-2023								Part Capitalisation	NA	Line will be charged Partially at 33 Kv			
3	Augmentation from (1X40 MVA +1X 20 MVA) to (2X 40 MVA + 1 X 20 MVA) at 132 KV Substation Purkul Dehradun.	Internal Resources	13.12.2019	44203	44262	30/06/2022	22/10/2022 (Transformer Energized)	5.90 Crore (Cost of Approved DPR)		4.47	21/10/2022 (Date of Putting of Transformer in Load)							The reasons with details for time over run is enclosed as Annexure-9A-9 with the format.	Full Capitalisation	Copy enclosed as Annexure XIV for kind consideration of the Hon'ble Commission.	Clearance given by Asst. Electrical Inspector Govt of Uttarakhand			
4	construction of 220KV single circuit(2 phase) transmission line on DIC towers from 220KV ss Jafferpur to TSS rudrapur railway station. Deposit work for M/s IROCN International Ltd.	Deposit Works								5.21	31-03-2023									NA	Deposit work for M/s IROCN International Ltd. work in progress-Work is in progress- Foundation - 12/38 Tower erection - 7/38 Stringing - 09.5 - Tower part for 34 towers have been reached at site.			
5	construction of one no. new 220kv Bay at 220kv SS Jafferpur for M/s IROCN International Ltd.	Deposit Works								2.23	31-03-2023									NA	Deposit work for M/s IROCN International Ltd. Work in progress. Inspection of Bay materials are in progress.			
6	Construction of 132KV bay at 220kv Mahuwakhera SS for M/s IROCN International Ltd.	Deposit Works								0.65	31-03-2023									NA	Deposit work for M/s IROCN International Ltd. Work in progress. Inspection of Bay materials are in progress.			
7	construction of 132KV single circuit(2 phase) transmission line on DIC towers from 220KV ss Mahuwakherganj to TSS Kashipur railway station.	Deposit Works								4.47	31-03-2023									NA	Deposit work for M/s IROCN International Ltd. Contractor is not responding therefore final notice to perform has been issued on 15.10.2022.			
Sub-Total										94.46														
Additional Capitalisation (Details submitted in Form 9.8)										0														
Others (Material Received Back)										0														
Total Capitalisation (Main Capitalisation +Additional Capitalisation)										94.46														

Petitioner

Rajiv Kumar
(MANAGING DIRECTOR)
POWER TRANSMISSION CORPORATION
OF UTTARAKHAND LTD., DEHRADUN

Tom *Sm* *DRK*

Name of Transmission Licensee : Power Transmission Corporation of Uttarakhand Limited

Form: 13

Details of Capital Cost and Financing Structure

(Figures in Rs Crore)

Year ending March	FY of Capitalisation	FY 2021-22 (Previous Year)		FY 2022-23 (Current Year)			FY 2023-24 (Ensuing Year)		Remarks
		Actual / Audited		Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected		
Basic Project Financial Parameters									
Capital Cost*									
Addition during the year		88.21		179.39	94.46	273.85	261.21		
Deletion during the year		0.49		3.88	0.00	3.88	0.00		
Gross Capital Cost (A)									
Equity against Original Project Cost									
Addition during the year		22.00							
Equity Sub-Total (B)		22.00		53.82	24.57	78.39	69.06		
Debt outstanding against the original Capital cost		51.34							
New Loans added during the year		51.34		125.57	57.33	182.90	161.13		
Debt Sub-Total (C)									
Grants against original project cost		14.86		0	12.56	12.56	31.02		
Addition during the year		14.86		0.00	12.56	12.56	31.02		
Grants Sub-Total (D)									
Total Financing (B+C+D)		88.21		179.39	94.46	273.85	261.21		

Note :

- i) *Approved or Actual Capital Cost whichever is less.
- ii) The equity and loan shall be divided into foreign and domestic component if applicable.

Petitioner

Rajy Anu

(MANAGING DIRECTOR)

POWER TRANSMISSION CORPORATION
OF UTTARAKHAND LTD., DEHRADUN

Sulmit

CVF

Annexure - 7

Name of Transmission Licensee : Power Transmission Corporation of Uttarakhand Limited

Form 17
Details of Interest on Working Capital

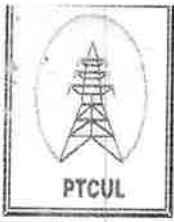
(Figures in Rs Crore)

Sl.No.	Particulars	Previous Year (n-1)		Current Year (n)			Ensuing Year (n+1)		Remarks
		Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Estimated			
1	O & M expenses - 1 month	14.35	7.74	7.99	15.73	18.00			
2	Spares (15% of O&M Expenses)	25.82	13.93	14.38	28.32	32.40			
3	Receivables- 2 months	53.34	27.31	27.31	54.63	83.12			
4	Total Working Capital (1+2+3)	93.50	48.99	49.68	98.67	133.52			
5	Working Capital Loan								
6	Normative Interest Rate (%)	13.45%	10.94%	10.94%	10.94%	10.94%			
7	Normative Interest on Working Capital (5 X 6)	12.58	5.36	5.44	10.79	14.61			

Petitioner

[Handwritten marks]

[Signature]
(MANAGING DIRECTOR)
POWER TRANSMISSION CORPORATION
OF UTTARAKHAND LTD., DEHRADUN



पावर ट्रांसमिशन कारपोरेशन ऑफ उत्तराखण्ड लि०

(उत्तराखण्ड सरकार का उपक्रम)

Annexure - 8

अधीक्षण अभियन्ता (क्रय एवं अनुबन्ध-11) कार्यालय

विद्युत भवन, नजदीक-आई०एस०बी०टी० क्रासिंग, सहारनपुर रोड, माजरा, देहरादून-248002

दूरभाष नं० 0135-2131520 email:- dgm_candp@rediffmail.com

No. 814 /SE(C&P-II)/PTCUL/SS-15/2017-18

Date: 15-09-2018

Subject: Letter of Award for "Supply, Erection & Testing and Commissioning of 132/33 KV Transformer and its associated 132 KV and 33 KV bays including extension and bisection of 33 KV main bus at 220 KV S/s Kamluaganja, Haldwani" against tender specification No. PTCUL/E-Tender/C&P-II/SS-15/2017-18.

M/s Salasar Techno Engineering Ltd.,

(JV between M/s Salasar Techno Engineering Ltd., Ghaziabad (Lead Partner) and M/s MMR Construction Co. Pvt. Ltd.,)

KL-46, Kavinagar

Ghaziabad-201002

E mail – towers@salasartechno.com

Dear Sir,

Please refer to your offer submitted against e-tender for "Supply, Erection & Testing and Commissioning of 132/33 KV Transformer and its associated 132 KV and 33 KV bays including extension and bisection of 33 KV main bus at 220 KV S/s Kamluaganja, Haldwani" against tender specification No. PTCUL/E-Tender/C&P-II/SS-15/2017-18 and letter no. PTCUL/STEL/MMR Group/132 KV Haldwani Bay/2018-19 dated 03.08.2018. An award is hereby placed for "Supply, Erection & Testing and Commissioning of 132/33 KV Transformer and its associated 132 KV and 33 KV bays including extension and bisection of 33 KV main bus at 220 KV S/s Kamluaganja, Haldwani" against tender specification No. PTCUL/E-Tender/C&P-II/SS-15/2017-18, on the following rates, terms & conditions:-

Schedule P

Part-A(Supply) :-

Sr. No	Description of Material	Unit	Qty	Unit Ex-works prices (Rs.) (without GST)	Unit Freight Packing Forwarding Unloading & Stacking Insurance for transit cum 30 days storage (Rs.) (without GST)	Total price (5+6) (Rs.) (without GST)	Total Amount (4*7) (Rs.) (without GST)
1	2	3	4	5	6	7	8
A	132 KV Bus & Bay Equipments & Transformer						
1a	Supply of 40 MVA 132/33 KV Transformer alongwith Fibre Optic Temperature Measurement System	Nos.	1	25150000.00	620750.00	25770750.00	25770750.00
1b	Online DGA for above Transformer	Nos.	1	1380000.00	34500.00	1414500.00	1414500.00

[Signature]
(MANAGING DIRECTOR)
POWER TRANSMISSION CORPORATION
OF UTTARAKHAND LTD., DEHRADUN

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1c	Nitrogen injection fire prevention & extinguishing system for transformer	Nos.	1	1610000.00	40250.00	1650250.00	1650250.00
2	145 KV SF6 Circuit Breaker	Nos.	1	609500.00	15237.50	624737.50	624737.50
3	145 KV Horizontal Double Break Staggered Isolator without earth switch (mettalic & insulator)	Nos.	2	97750.00	2443.75	100193.75	200387.50
4	145 KV (3 phase) (Horizontal double break) Tandom Isolator (mettalic & insulator)	Nos.	1	102350.00	2558.75	104908.75	104908.75
5	145 KV Current Transformer (400/200/1A) with CT clamp and Junction Box	Nos.	3	132250.00	3306.25	135556.25	406668.75
6	120 KV LA (Gapless Type)	Nos.	3	35075.00	876.88	35951.88	107855.64
7	132 KV Control & Relay Panel with Differential and Restricted Earth Fault Protection	Nos.	1	632500.00	15812.50	648312.50	648312.50
8	145 KV Bus Post Insulator Solid Core Type	Nos.	3	15000.00	375.00	15375.00	46125.00
9	Lattice Type Structure with N&B and Anchor Bolts	MT	32	85000.00	2125.00	87125.00	2788000.00
10	145 KV Potential Transformer for Bus	Nos.	3	126500.00	3162.50	129662.50	388987.50
11	Auxiliary Control and Power Cables						
a	2.5 Sq.mm, 10 Core Armoured Copper Control Cable	KM	1	250000.00	6250.00	256250.00	256250.00
b	2.5 Sq.mm, 06 Core Armoured Copper Control Cable	KM	1.5	155000.00	3875.00	158875.00	238312.50
c	2.5 Sq.mm, 4 Core Armoured Copper Control Cable	KM	2	125000.00	3125.00	128125.00	256250.00
d	2.5 Sq.mm, 2 Core Armoured Copper Control Cable	KM	2	70000.00	1750.00	71750.00	143500.00
e	35 Sq.mm, 3.5 Core Aluminium Power Cable	KM	0.5	150000.00	3750.00	153750.00	76875.00
12	Main Earth Mat and Riser (40 mm Dia)	MT	0.5	65000.00	1625.00	66625.00	33312.50
13	75x 12 mm MS Flat	MT	0.5	65000.00	1625.00	66625.00	33312.50
14	50x 6 mm MS Flat	MT	0.3	65000.00	1625.00	66625.00	19987.50
15	ACSR Panther Conductor	Kms	0.5	200000.00	5000.00	205000.00	102500.00
16	Tension fitting for ACSR Panther	Nos.	6	1840.00	46.00	1886.00	11316.00
17	Suspension fitting for ACSR Panther	Nos.	3	2415.00	60.38	2475.38	7426.14

(MANAGING DIRECTOR) 2 of 9
POWER TRANSMISSION CORPORATION
OF UTTARAKHAND LTD., DEHRADUN

18	Disc Insulator 70 KN	Nos.	150	550.00	13.75	563.75	84562.50
19	Clamps & Connectors of different sizes & type	Nos.	145	575.00	14.38	589.38	85460.10
B	33 KV Bus & Bay Equipments						
1	33 KV SF6 Circuit Breaker	Nos.	1	287500.00	7187.50	294687.50	294687.50
2	33 KV Double Break Isolator with out earth switch	Nos.	3	75785.00	1894.63	77679.63	233038.89
3	33 KV Lightning Arrester	Nos.	3	13225.00	330.63	13555.63	40666.89
4	33 KV CT (800/400/1A) Rod Type Bushing with CT	Nos.	3	46000.00	1150.00	47150.00	141450.00
5	33 KV Potential Transformer for Bus	Nos.	3	32200.00	805.00	33005.00	99015.00
6	33 KV Control & Relay Panel	Nos.	1	281750.00	7043.75	288793.75	288793.75
7	Marshalling Kiosk	Nos.	1	28750.00	718.75	29468.75	29468.75
8	33 KV Post Insulator	Nos.	9	2500.00	62.50	2562.50	23062.50
Total Part A (Supply) (without GST)							36650731.16

Part-B (Erection & commissioning):

Sr. No	Description of Work	Unit	Qty	Unit (*1)Rates (Rs.) (without GST)	Total (Rs.) (4*5) (without GST)
1	2	3	4	5	6
B	(Erection & commissioning)				
1a	Erection of 132/33 KV 40 MVA power T/F alongwith Fiber Optic Temperature Measurement System on plinth including erection of marshaling box and all electricals connections and its complete testing and other vassociated work required for proper energization of transformer as per direction of engeneer incharge.	Nos.	1	50000.00	50000.00
1b	Online DGA for above Transformer	Nos.	1	17250.00	17250.00
1c	Nitrogen injection fire prevention & extinguishing system for transformer	Nos.	1	17250.00	17250.00
2	145 KV SF6 Circuit Breaker	Nos.	1	13800.00	13800.00
3	145 KV Horizontal Double Break Staggered Isolator (mettalic & insulator)	Nos.	2	11500.00	23000.00
4	145 KV (3 phase)(horizontal double breack tandom isolator(mettalic & insulator)	Nos.	1	11500.00	11500.00
5	145 KV Current Transformer (400/200/1A) with CT clamp and Junction Box	Nos.	3	5750.00	17250.00
6	120 KV LA (Gapless Type)	Nos.	3	2300.00	6900.00
7	132 KV Control & Relay Panel with Differential and Restricted Earth Fault Protection	Nos.	1	11500.00	11500.00
8	145 KV Bus Post Insulator Solid Core Type	Nos.	3	345.00	1035.00

(MANAGING DIRECTOR) Page 3 of 9
POWER TRANSMISSION CORPORATION
OF UTTARAKHAND LTD., DEHRADUN

9	Lattice Type Structure with N&B and Anchor Bolts	MT	32	5405.00	172960.00
10	145 KV Potential Transformer for Bus	Nos.	3	5750.00	17250.00
11	Auxiliary Control and Power Cables				0.00
a	2.5 Sq.mm, 10 Core Armoured Copper Control Cable	KM	1	13800.00	13800.00
b	2.5 Sq.mm, 06 Core Armoured Copper Control Cable	KM	1.5	13800.00	20700.00
c	2.5 Sq.mm, 4 Core Armoured Copper Control Cable	KM	2	13800.00	27600.00
d	2.5 Sq.mm, 2 Core Armoured Copper Control Cable	KM	2	13800.00	27600.00
e	35 Sq.mm, 3.5 Core Aluminium Power Cable	KM	0.5	17250.00	8625.00
12	making of 132 & 33 kv bus bar with panther conductor, disc insulator fittings, jumpering of all equipments of the bay with suitable clamps & connectors required for proper commissioning of work.	set	1	57500.00	57500.00
13	earthing of all structures, all equipments with MS flat 50x6 mm & 75x12 mm by laying welding, tagging etc, & laying of 40 sq.mm MS rod, welding with riser at least 0.6 meter below the ground. Painting of all earth strip with two coats of green enameled paint after aplying one coat of red oxide primer				0.00
(i)	MS round 40 mm dia	MT	0.5	5750.00	2875.00
(ii)	MS Flat 75x12 mm	MT	0.5	5750.00	2875.00
(iii)	MS Flat 50x6 mm	MT	0.3	5750.00	1725.00
14	33 KV SF6 Circuit Breaker	Nos.	1	9200.00	9200.00
15	33 KV Double Break Isolator	Nos.	3	5750.00	17250.00
16	33 KV Lightening Arrester	Nos.	3	1150.00	3450.00
17	33 KV CT (800/400/1A) with CT clamp	Nos.	3	2875.00	8625.00
18	33 KV Potential Transformer for Bus	Nos.	3	2875.00	8625.00
19	33 KV Control & Relay Panel	Nos.	1	5750.00	5750.00
20	Marshalling Kiosk	Nos.	1	575.00	575.00
21	33 KV Post Insulator	Nos.	6	115.00	690.00
22	Shifting of existing 2x5 MVAR capacitor bank complete (All equipments of capacitor bank) & its bay to new place approx 50 mtrs in the same yard of 220 kv s/s haldwani as per enclosed Annexure-1	no.	1	1500548.74	1500548.74
Total Part B (Erection & commissioning) (without GST)					2077708.74

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(MANAGING DIRECTOR)
POWER TRANSMISSION CORPORATION
OF UTTARAKHAND LTD., DEHRADUN

Part-C (Civil work):

Sr. No	Description of work	Unit	Qty	Unit (*1)Rates (Rs.) (without GST)	Total (Rs.) (4*5) (without GST)
1	2	3	4	5	6
C	Civil work required for structural foundation/trenches				
1	Earth work in surface excavation not exceeding 30cm in depth but exceeding 105m in width as well as 10mm ² mm on plane including disposal of excavated earth upto 50M and lift upto 105m disposal soil to be leveled and neatly dressed.(all kind of soil) including all material.	M ³	40	250.00	10000.00
2	Cement concreet 1:4:8 in pavements,laid to required slop and camber in panels as required including consolidation finishing and timing complete including all material.	M ³	10	5200.00	52000.00
3	Cement concreet 1:2:4 in pavements,laid to required slop and camber in panels as required including consolidation finishing and timing complete including all material.	M ³	35	6500.00	227500.00
4	Reinforced cement concreet work in walls including attached plaster buttresses,Plinth and string courses ,filters, coloums, pillars, piers, abutments, posts,and struts, etc upto floor five level ,finishing and reinforcedment.1:1.5:3 including all material.	M ³	20	14000.00	280000.00
5	Brick work with machine perforated bricks of class designation 125 conforming to IS 2222-1991 in superstructure above plinth level upto floor five level In cement mortar 1:6 with F.P.S. brick including all material.	M ³	12	10000.00	120000.00
6	12mm cement plaster of mix 1:4 including all material.	M ²	300	350.00	105000.00
7	Structure steel work in single section fixed with or without connecting plate including cutting, hoisting,fixing in position complete in all respect including all material.	Qtl	12	6500.00	78000.00
8	Structure steel work riveted bolted or welded in built up section,trusses and framed work,including cutting ,hoisting,fixing in position and applying a priming coat of approved steel primer complete in all respect including all material.	Qtl	6	8000.00	48000.00
9	construction of trenches of size 0.30x.30 mtr (internal size) including its earth works excavation, Base concrete 1:4:8 (cement, sand & 20 mm guage stone ballast), 9" 1st class Brick in 1:4 cement sand mortar both side & its plastering in 1:6 mortar & grouting of M.S Angle iron in C.C. 1:4:8 & also construction of trench cover required as per Trenches in M.S. frame 50 x 50x5 mm C.C. 1:1.5:3 MS Tor Bar of 10 mm dia @ 10 cm C/C & its placement over the trenches as per direction of Engineer in Charge including cost of all material, labour, T&P etc required for proper completion of work	Rmt	30	2500.00	75000.00

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 (MANAGING DIRECTOR)
 POWER TRANSMISSION CORPORATION
 OF UTTARAKHAND LTD., DEHRADUN

10	Making of fire protection wall in between 40 MVA T/Fs as per enclosed Annexure '2'	Nos.	2	366294.50	732589.00
11	Construction of 40 MVA T/Fs plinth as per enclosed Annexure '3'	No.	1	876500.00	876500.00
Total Part C (Civil work) (without GST)					2604589.00
Total (Part-A+Part-B+ Part C) (without GST)					41333028.90
ADD GST* Amount					7439945.20
Total Amount (with GST)					48772974.10

Total value of order for Supply as per above Schedule-P-Part-A(Supply) (without GST) is Rs. 3,66,50,731.16 (Rupees Three Crore Sixty Six Lakhs Fifty Thousand Seven Hundred Thirty One and Paise Sixteen Only), for Erection & commissioning as per above schedule P-Part-B (Erection & commissioning) (without GST) is Rs. 20,77,708.74 (Rupees Twenty Lakhs Seventy Seven Thousand Seven Hundred Eight and Paise Seventy Four Only), for Civil Work as per above schedule P-Part-C (Civil Work) (without GST) is Rs. 26,04,589.00 (Rupees Twenty Six Lakhs Four Thousand Five Hundred Eighty Nine Only) and GST amount is Rs. 74,39,945.20 (Rupees Seventy Four Lakhs Thirty Nine Thousand Nine Hundred Forty Five and Paise Twenty Only).

* The GST shall be paid as applicable.

1.0 CONTRACT VALUE:

Total value of the order as per Price Schedule-P [Part-A (Supply) + Part-B (Erection)+ Part-C (Civil)] of the work for "Supply, Erection & Testing and Commissioning of 132/33 KV Transformer and its associated 132 KV and 33 KV bays including extension and bisection of 33 KV main bus at 220 KV S/s Kamluaganja, Haldwani" against tender specification No. PTCUL/E-Tender/C&P-II/SS-15/2017-18 is Rs. 4,87,72,974.10 (Rupees Four Crore Eighty Seven Lakhs Seventy Two Thousand Nine Hundred Seventy Four and paise Ten only) inclusive of GST @ 18%, all taxes, duties, freight and packing, forwarding, unloading, stacking and insurance for transit cum 30 days storage etc. However, the GST shall be paid as applicable.

2.0 AWARD OF CONTRACT AND ITS SCOPE:

Scope of the work shall be as per the tender specification no. PTCUL/E-Tender/C&P-II/SS-15/2017-18.

3.0 PERFORMANCE GUARANTEE cum SECURITY DEPOSIT :

3.1 The successful bidder has to pay performance guarantee cum security deposit within 30 days of receipt of order.

3.2 (a) The successful bidder will be required to pay an amount equivalent to 10% of the value of the order {excluding the cost of Power Transformers (supply and erection)} as a performance guarantee cum security deposit for satisfactory execution of the contract and as performance guarantee. The Bank Guarantees furnished should have clear one time validity till the completion of the order in all respect and up to the expiry of the Guarantee period two years from the date of commissioning of project and 60 days beyond.

(b) In addition to above, the successful bidder will also be required to pay an amount equivalent to 10% of the value of total cost of Power Transformers (supply and erection) as a performance guarantee cum security deposit for satisfactory execution of the contract and as performance guarantee. The Bank Guarantees furnished should have clear one time validity till the completion of the order in all respect and up to the expiry of the Guarantee period five years from the date of commissioning of project and 60 days beyond.

[Handwritten signatures]
 (MANAGING DIRECTOR)
 POWER TRANSMISSION CORPORATION
 OF UTTARAKHAND LTD., DEHRADUN

Such performance guarantee cum Security Deposit (3.2 a & b) will be payable either in Cash / DD in favour of MD, PTCUL payable at Dehradun. Bank guarantees from Scheduled / Nationalized Banks will be acceptable, if the amount of security deposit payable exceeds Rs. 50,000/- Bank Guarantees will be furnished.

Bank Guarantee for interim period will not be allowed. If by any reason the contract period is extended, then contractor should undertake to renew the Bank Guarantee at least one month before the expiry of the validity failing which PTCUL will be at liberty to redeem the same, without entering into further correspondence in the matter.

- 3.3 No interest will be allowed on amount of performance guarantee cum security deposit.
- 3.4 The performance Bank Guarantee shall be kept deposited for the period as below:
- (a) The PBG submitted as per clause 3.2a shall be kept deposited upto 2 years and 60 days from the date of commissioning of project and issuance of contract closing certificates.
- (b) The PBG submitted as per clause 3.2b shall be kept deposited upto 5 years & 60 days from the date of commissioning of project and issuance of contract closing certificates.
- 3.5 This security deposit is for the performance of contract and the same is liable to be forfeited by the Corporation in event of non fulfillment of the term and conditions of this contract by the contractor.
- 3.6 Corporate Guarantees are not admissible.
- 3.7 The 'Signing of Contract' and 'Contract Agreements' will be done as per prevalent PTCUL Terms and Conditions.

4.0 DATE OF START OF WORK (EFFECTIVENES OF CONTRACT):

Contract shall be considered as having come in to force from the date of issue of letter of award.

5.0 COMPLETION PERIOD:

- 5.1 Overall Completion period, for this Contract will be – **12 months** from the date of issue of letter of award.
- 5.2 No mobilization period, idling or stoppage period will be allowed during this period of the Contract.
- 5.3 The completion date will be deemed to be the date on which all works on the Contract are demonstrated to be complete to the satisfaction of the PTCUL/Engineer and is complete in all respects as per the terms and conditions of this Contract.

6.0 GUARANTEE PERIOD:

- (a) Total material supplied and work executed shall be covered under guarantee period against any defect in materials, poor workmanship and defect/ wrong design etc. for a period of two years from the date of commissioning of project.
- (b) Power Transformers supplied shall be covered under guarantee period against any defect in materials, poor workmanship and defect/ wrong design etc. for a period of five years from the date of commissioning of project.

7.0 PENALTY FOR DELAY:

- 7.1 The tenderer should note that the completion time allowed for carrying out the work should be strictly observed. Any delay that may take place in supply and erection beyond Contractual cut off date stated as per stipulated delivery period shall be subject to the penalty at the rate of ½ % of the contract value per week with a ceiling of 10 % of the total contract value.

The bottom of the page contains several handwritten signatures in blue ink. On the right side, there is a blue ink stamp that reads: (MANAGING DIRECTOR) POWER TRANSMISSION CORPORATION OF UTTARAKHAND LTD., DEHRADUN. To the right of the stamp, the text 'Page 7 of 9' is visible.

7.2 The penalty will be deducted from bills payable either against this contract or from any Bank Guarantee or any other amount payable under any other contract with the PTCUL.

7.3 Tenderer shall have to supply all materials to match with the erection activities.

8.0 PAYMENT TERMS:

The payment terms shall be as per the tender document of tender specification no. PTCUL/E-Tender/C&P-II/SS-15/2017-18.

9.0 BREACH OF CONTRACT:

The break-up of contract price for the purpose of payment is given in above **Schedule-P-Part-A(Supply) (without GST) is Rs. 3,66,50,731.16 (Rupees Three Crore Sixty Six Lakhs Fifty Thousand Seven Hundred Thirty One and Paise Sixteen Only)**, for Erection & commissioning as per above **schedule P-Part-B (Erection & commissioning) (without GST) is Rs. 20,77,708.74 (Rupees Twenty Lakhs Seventy Seven Thousand Seven Hundred Eight and Paise Seventy Four Only)**, for Civil Work as per above **schedule P-Part-C (Civil Work) (without GST) is Rs. 26,04,589.00 (Rupees Twenty Six Lakhs Four Thousand Five Hundred Eighty Nine Only)** and GST amount is **Rs. 74,39,945.20 (Rupees Seventy Four Lakhs Thirty Nine Thousand Nine Hundred Forty Five and Paise Twenty Only)**.

Notwithstanding of the breakup of contract price, the contract shall at all times be construed as single source responsibility contract and any breach in any part (Supply, Erection & Commissioning and Civil Work) shall be treated as breach of entire contract.

The transfer of title in respect of equipment and materials to be supplied by you to PTCUL, pursuant of terms of this Contract, shall pass on to PTCUL, Further, this transfer of title shall not be construed as 'Taking Over' of equipment and materials. You shall continue to be responsible for the quality and performance of such equipment and materials and for their compliance with the specification until 'Taking Over' and the fulfillment of guarantee provisions under the contract.

10.0 ENGINEER OF THE CONTRACT:

Superintending Engineer (C&P-II), PTCUL is the 'Engineer of the Contract' who shall be placing the order for the work with the Contractor and Signing the Contract Agreement and who has been inherently vested with such powers by corporation in this behalf and shall act as Engineer for the purpose of the contract.

11.0 ENGINEER IN-CHARGE:

'Engineer in-Charge' shall be the Superintending Engineer (O&M), PTCUL, Circle Haldwani or the officer authorized by him in writing to supervise the work and be in-charge of the work.

12.0 MODE OF DESPATCH:

The material shall be dispatched by road transport from contractor's works to destination in Uttarakhand as per allotment and detailed instructions given to them by Superintending Engineer (QA&QC), PTCUL, Dehradun duly insured against all risk.

13.0 NOTICE TO THE CONTRACTOR:

Any notice to be given to the contractor may, if the purchaser thinks fit, be given by Registered/ Speed Post at the address given below:

M/s Salasar Techno Engineering Ltd.,

(JV between M/s Salasar Techno Engineering Ltd., Ghaziabad (Lead Partner) and M/s MMR Construction Co. Pvt. Ltd.)

KL-46, Kavinagar

Ghaziabad-201002

E mail – towers@salasartechno.com



(MANAGING DIRECTOR)
POWER TRANSMISSION CORPORATION
OF UTTARAKHAND LTD., DEHRADUN

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14.0 In case you fail to complete the project in time due to reasons attributed to the contractor then PTCUL may off load balance work as per contract.

15.0 **COURT OF COMPETENT JURISDICTION:**

The laws applicable to the contract shall be the laws in force in India. The Hon'ble Courts of Dehradun / Uttarakhand shall have exclusive jurisdiction in all matters arising under this Contract.

16.0 All terms and conditions shall be as per contract. In case of any contradictions in provisions under ITB, ECC, GCC, SCC etc. given in this contract, the provisions in Special Conditions of Contract (SCC) shall prevail.

17.0 **SIGNING OF THE AGREEMENT:**

The LOA is being sent in duplicate, one copy duly signed and stamped is to be returned as acceptance of LOA. Further, you are requested to come along with a non-judicial stamp paper of Uttarakhand State of value Rs. 100/- (Rupees One hundred only) for signing of agreement.

Encl:

1. Annexure-1,2 &3.
2. Tender Document No. PTCUL/E-Tender/C&P-II/SS-15/2017-18.


(Anupam Sharma)
Superintending Engineer (C&P-II)

No. 814 /SE(C&P-II)/PTCUL/SS-15/2017-2018

Date: 15-09-2018

Copy forwarded to the following for kind information and necessary action:-

1. PA to MD, PTCUL, Vidyut Bhawan, Majra, Dehradun for kind information of MD, PTCUL.
2. Director (Operations), PTCUL, Vidyut Bhawan, Majra, Dehradun for kind information.
3. Director (Finance), PTCUL, Vidyut Bhawan, Majra, Dehradun for kind information.
4. Chief Engineer (O&M), Kumaon Zone, PTCUL, Haldwani for kind information.
5. Chief Engineer (C&P), PTCUL, Dehradun for kind information.
6. General Manager (Finance), PTCUL, Vidyut Bhawan, Majra, Dehradun
7. Superintending Engineer (Engg.-S/s), PTCUL, Vidyut Bhawan, Majra, Dehradun.
8. Superintending Engineer (QA/QC), PTCUL, Vidyut Bhawan, Majra, Dehradun.
9. Superintending Engineer (O&M), PTCUL, Circle, Haldwani for necessary action.


(Anupam Sharma)
Superintending Engineer (C&P-II)

मुख्यालय एवं पंजीकृत कार्यालय:- विद्युत भवन, नजदीक-आई0एस0बी0टी0 क्रासिंग, सहारनपुर रोड, माजरा, देहरादून - 248002
कारपोरेट आईडी नं: U40101UR2004GOI028675 दूरभाष नं 0135-2646000 फैक्स नं 0135-2643460 वेबसाइट www.ptcul.org


(MANAGING DIRECTOR)
POWER TRANSMISSION CORPORATION
OF UTTARAKHAND LTD., DEHRADUN

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POWER TRANSMISSION CORPORATION OF UTTARAKHAND LIMITED

C&P Unit, Vidyut Bhawan, Near ISBT Crossing, Saharanpur Road, Majra, Dehradun

(PRICE Break-Up)

Annexure-'1' (Shifting of 2X5MVAR (10 MVAR) 33KV Capacitor Bank at 220KV Substation Haldwani)

Tender Specification No. : PTCUL/E-Tender/C&P-II/SS-15/2017-18

Tender for "Supply, Erection & Testing and Commissioning of 40 MVA, 132/33 KV Transformer and its associated 132 KV and 33 KV Bays including extension and Bisection of 33 KV main bus at 220 KV S/s Kamlaganja, Haldwani".

Bidder's Name & Address:

Salsar Techno Engineering Limited (Lead Partner) and MMM construction Company


Sr. No.	Name of work/ item	Unit	Qty	Unit Ex-works prices (Rs.) (without GST)	Unit Freight Packing Unloading & Stacking Insurance for transit cum 30 days storage (Rs.) (without GST)	Total price (5+6) (Rs.) (without GST)	Total Amount (4*7) (Rs.) (without GST)
1	2	3	4	5	6	7	8
Part-A (Supply)							
1	36 KV Lightening arrester along with connectors	No	3	13225.00	330.63	13555.63	40666.89
2	Control and Relay Panel for 33 KV Capacitor Bank complete with 2 Nos NDR, under voltage, over voltage, 2 OC + Earth faults and time delay relays, all relays, instruments, switches etc.	No.	1	261050.00	6526.25	267576.25	267576.25
3	Supply of 552.5 KVAR, 50 A 14.64 mf single phase 50 hz internal fuse type CHD	No.	2	115000.00	2875.00	117875.00	235750.00
4	36 KV/110V single phase PT with junction box	No.	3	32200.00	805.00	33005.00	99015.00
5	Supply of earthing material 50*6 mm M.S. flat	MT	1	65000.00	1625.00	66625.00	66625.00
Total Part A(Supply)							
Part-B (Erection)							
Sr. No.	Description of work	Unit	Qty	Unit (*)Rates (Rs.) (without GST)	Total (Rs.) (4*5)		
1	2	3	4	5	6		
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer- in- charge. Nominal concrete 1:4:8 or leaner mix (ifc equivalent design mix)	cum	20	5200.00	104000.00		
2	Demolishing R C C work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge	cum	30	1725.00	51750.00		

51750.00
(MATERIAL DIRECTOR)

POWER TRANSMISSION CORPORATION
OF UTTARAKHAND LTD., DEHRADUN

(Handwritten signatures and initials)

3	Excavation of all type of soil at Switch yard for foundation including shifting of soil to outside of switch yard at a suitable place outside S/S compound	cum	50	250.00	12500.00
4	Brick work with common burnt clay F P S (non modular) bricks of class designation 7.5 in foundation and plinth in: 6:1:2 Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	2.5	10000.00	25000.00
5	Structural steel work riveted bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	KG	50	80.00	4000.00
6	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering- All work up to plinth level : 1:4:8 (1 Cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size)	cum	3.728	5200.00	19385.60
7	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering- All work up to plinth level : 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size)	cum	14.93	6400.00	97045.00
8	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering finishing and reinforcement- All work up to plinth level : 1:1.5:3 (1 Cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	cum	20.88	9500.00	198360.00
9	Steel reinforcement for R C C work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Mild steel and Medium Tensile steel bars	Kg	100	70.00	7000.00
10	12mm cement plaster of mix 1:6 (1 cement: 6 coarse sand)	sqm	49	350.00	17150.00
11	Erection of Galvanized Steel Structure with Bolts and Nuts. Including dismantling & shifting old erected structure approx 50 mtr distance	MT	5	5405.00	27025.00
12	Erection of 36 KV 1600 A triple pole off load manually operated Isolator (without E/S) including dismantling & shifting old erected Isolator approx 50 mtr distance	job	1	5750.00	5750.00
13	Erection of 36 KV 1600 A triple pole off load manually operated Isolator (with E/S) including dismantling & shifting old erected Isolator approx 50 mtr distance	job	2	5750.00	11500.00
14	Erection of 36 KV SF6 Circuit Breaker including dismantling & shifting old erected circuit breaker approx 50 mtr distance	job	1	9200.00	9200.00
15	Erection of 36 KV, 400/200/1A CT including dismantling & shifting old erected CT approx 50 mtr distance	job	3	2875.00	8625.00


 (MANAGING DIRECTOR)
 POWER TRANSMISSION CORPORATION
 OF UTTARAKHAND LTD., DEHRADUN


 - (C/S)

16	Erection of 33 KV Post Insulator including dismantling & shifting old erected Post Insulator approx 50 mtr distance	job	10	115.00	1150.00
17	Erection of 36 KV Lightning arrester	No.	3	1150.00	3450.00
18	36 KV/110 V single phase PT with junction box	No.	3	2875.00	8625.00
19	Hoisting of disc insulator & gun fitting on gantry including dismantling & shifting of old disc insulators & gun fitting	No.	6	9200.00	55200.00
20	Erection of 3 Phase Series Reactor complete including dismantling & shifting old erected switching reactor approx 50 mtr distance	No.	4	5750.00	23000.00
21	Erection of 2x 5 MVAR Capacitor Bank complete including dismantling & shifting old erected 2x 5 MVAR Capacitor Bank complete approx 50 mtr distance	set	2	28750.00	57500.00
22	Erection of 36 KV 1 Phase Neutral CT including dismantling & shifting old erected Neutral CT approx 50 mtr distance	No.	2	2875.00	5750.00
23	Hanging all jumpers with the help of P G Clamp and Stringing of bus bar between both gantry. All jumping work. Work complete in all respect including dismantling & shifting old erected Bus bar, Jumpers, PG clamps approx 50 mtr distance	job	1	11500.00	11500.00
24	Erection of earthing material with 50*6 mm M S flat	MT	1	5750.00	5750.00
25	Erection of Control and Relay Panel complete with all relays, instruments, switches etc. including dismantling & shifting old & defective Panel	No.	1	5750.00	5750.00
26	Termination of control cable at control panel and 33 KV Capacitor bank, breaker, CT, PT using cable glands, lugs, farules cable tie etc work complete in all respect including opening & shifting all cables from old place of capacitor bank breaker, CT, PT to new place	job	1	9200.00	9200.00
27	Testing and commissioning of 33 K V Capacitor Bank	Job	1	5750.00	5750.00
Total Part B (Erection)					790915.60
Total (Part-A+Part-B)					1500548.74

Signature of Tenderer: Shalabh Agarwal
 Designation: Director
 Address: KL-46, Kavi Nagar, Ghaziabad
 Date of Signature: 16.01.2018
 Seal of Company: Salasar Techno Engineering Limited (Lead)

* GST shall be paid as applicable
 ** Tender is of composite nature comprising of supply of goods and supply of services

(MANAGING DIRECTOR)
 POWER TRANSMISSION CORPORATION
 OF UTTARAKHAND LTD., DEHRADUN

[Handwritten signatures and initials]

POWER TRANSMISSION CORPORATION OF UTTARAKHAND LIMITED

C&P Unit, Vidyut Bhawan, Near ISBT Crossing, Saharanpur Road, Majra, Dehradun
(PRICE Break-Up)

Annexure-2' (Construction of Fire protection wall in between 40 MVA Transformer at 220 KV Substation Haldwani)

Tender Specification No. : PTCUL/E-Tender/C&P-II/SS-15/2017-18

Tender for "Supply, Erection & Testing and Commissioning of 40 MVA, 132/33 KV Transformer and its associated 132 KV and 33 KV Bays including extension and Bisection of 33 KV main bus at 220 KV S/s Kamluaganja, Haldwani"

Bidder's Name & Address: Salasar Techno Engineering Limited (Lead Partner) and MMM construction Company

Sr. No.	Description of work	Unit	Qty	Unit (*1) Rates (Rs.) (without GST)	Total (Rs.) (4*5) (without GST)
		3	4	5	6
1	Excavation of all type of soil at Switch yard for foundation including shifting of soil to outside of switch yard at a suitable place with in S/S compound	M ³	25	260.00	6250.00
2	C.C. Work in ratio of 1:4:8 with cement, coarse sand, and stone	M ³	2	5200.00	10400.00
3	Supply of M.S. Bar of different sizes (12 & 16 mm.) for construction of R.C.C column and Beam for fire wall, including labour cost of carriage and safely loading and unloading at both ends.	MT	1	65000.00	65000.00
4	Construction of RCC column and Beam (pillar) in 1:1.5:3 of cement, coarse sand, and concrete (upto the top level of wall) with suitable M.S. Bars after laying of M.S. bars (Making of jaal for foundation on first level) including making provision of 03 Nos. RCC beams from foundation frame (Jaal) to top of the wall and 03 Nos. RCC columns with suitable M.S. Bars (10 Bars in each beam) excluding the cost of centering & shuttering.	M ³	8.2	9500.00	77900.00
5	Centering and shuttering including strutting, propping etc. and removal of form for suspended floors, roofs, landings, balconies and access platform	M ²	120.77	350.00	42269.50
6	Filling of stone and soil mixture in foundation of fire wall	M ³	9	1150.00	10350.00

42269.50
10350.00
TOTAL
103500.00
(MANAGING DIRECTOR)
POWER TRANSMISSION CORPORATION
OF UTTARAKHAND LTD., DEHRADUN

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G.M.
-34-

7	First class brick work in ratio of 1:4 cement and coarse sand upto the top level of wall.	M ³	15	7675.00	112125.00
8	Plastering work with 12 mm thick cement layer on the wall of 1:4 for finishing	M ²	120	350.00	42000.00
Total					366294.50

Signature of Tenderer
 Designation
 Address
 Date of Signature
 Seal of Company

[Handwritten Signature]

Shalabh Agarwal
 Director
 KL-46, Kavi Nagar, Ghaziabad
 16.01.2018
 Salasar Techno Engineering Limited (Lead)

* GST shall be paid as applicable
 ** Tender is of composite nature comprising of supply of goods and supply of services

[Handwritten Signature]

(12)

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[Handwritten Signature]

(MANAGING DIRECTOR)
 POWER TRANSMISSION CORPORATION
 OF UTTARAKHAND LTD., DEHRADUN

POWER TRANSMISSION CORPORATION OF UTTARAKHAND LIMITED
C&P Unit, Vidyut Bhawan, Near ISBT Crossing, Saharanpur Road, Majra, Dehradun
(PRICE Break-Up)


Annexure-3' (Civil Work for Construction of transformer plinth)

Tender Specification No. : PTCULJE-Tender/C&P-II/SS-15/2017-18

-- Tender for "Supply, Erection & Testing and Commissioning of 40 MVA, 132/53 KV Transformer and its associated 132 KV and 33 KV Bays including extension and Bisection of 33 KV main bus at 220 KV S/s Kamluaganja, Haldwani"

Bidder's Name & Address:
 Salasar Techno Engineering Limited (Lead Partner) and MMM construction Company

Sr. No.	Description of work	Unit	Qty	Unit (-1) Rates (Rs.) (without GST)	Total (Rs.) (4*5) (without GST)
	2	3	4	5	6
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, land upto 50 M and lift upto 1.5 m, disposed earth to be levelled and neatly dressed. All kind of Soil (DSR No. 2.6.1)	CuM	40	250.00	10000.00
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) (DSR 4.1.8)	CuM	10	5200.00	52000.00
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1.5:3 (1 Cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	CuM	5	9500.00	47500.00
4	Reinforced cement concrete work in walls (any thickness), including attached plasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts, and struts, etc up to floor five level excluding cost of centering, shuttering, finishing and reinforcement 1:1.5:3 (1 cement : 2 coarse sand 4 graded stone aggregate 20 cm nominal size) (DSR No. 5.2.2)	CuM	20	9500.00	190000.00


(MANAGING DIRECTOR)
POWER TRANSMISSION CORPORATION
OF UTTARAKHAND LTD., DEHRADUN
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5	Centering and shuttering including strutting, propping etc. and removal of form for foundation, footing, bases of column, etc for mass concrete. (DSR No. 5.9.1)	SqM	20	350.00	7000.00
6	Steel reinforcement for R.C.C. work including traighthening, cutting, bending, placing in position and binding all complete upto. plinth level. Cold twisted bars (DSR No. 5.22.3)	Kg	2500	70.00	175000.00
7	Smooth finishing of the exposed surface of RCC work with 6 mm thick cement mortar 1:3 (1 cement. 3 fin sand)	Kg	20	1000.00	20000.00
8	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	2000	80.00	160000.00
9	Providing and fixing bolts including nuts & washer complete.(DSR No. 10.20)	Kg	60	100.00	6000.00
10	Steel work welded in built up section/Framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structure steel etc. as required in gratings, frames, guard bar, ladder, rainings, bracket, gates and similar works	Kg	900	80.00	72000.00
11	Providing and spreading granular sub base/ surface course with local material such as RBM (river bed material) in uniform layer with motor grade on surface, mixing by mix in place method with rotovator and compacting with smooth sheeled roller to achieve the desired denesity (based on PWD SOR road 97093 16-27) (NSI)	CuM	28	4000.00	112000.00
12	Supply and spreading of 40 mm (single size) crushed stone aggregate as per IS. 383/1970 above the grating as per direction of Engineer incharge complete in all respect. (NSI)	CuM	5	5000.00	25000.00
Total Part C					876500.00

Total Part C

Signature of Tenderer:	Shalabh Agarwal
Designation:	Director
Address:	KL-46, Kavi Nagar, Ghaziabad
Date of Signature:	16.01.2018
Seal of Company:	Salasar Techno Engineering Limited (Lead

* GST shall be paid as applicable

** Tender is of composite nature comprising of supply of goods and supply of services

(MANAGING DIRECTOR)

POWER TRANSMISSION CORPORATION
OF UTTARAKHAND LTD., DEHRADUN

कार्यालय
सहायक विद्युत निरीक्षक, उत्तराखण्ड शासन
पंचायत घर, बडी मुखानी, निकट हीरा कान्येन्ट स्कूल,
हल्द्वानी (नैनीताल)

पत्रांक 1044 मु0वि0नि0/मु0/आई/11(6)/2021-22

दिनांक: 13-10-2021

सेवा में,

अधिशाली अभियन्ता
(परिचालन एवं अनुरक्षण)
220 के0वी0 उपकेन्द्र महुवाखेड़ागंज,
पावर ट्रान्समिशन कारपोरेशन ऑफ उत्तराखण्ड लिमिटेड,
काशीपुर, जिला ऊधमसिंहनगर।

विषय: 132 के0वी0 उपकेन्द्र जसपुर में अधिष्ठापित 40 एम0वी0ए0 ट्रांसफारमर तथा 132 के0वी0 बे-2 नं0 का निरीक्षण परीक्षण।

प्रसंग: आपका पत्र संख्या 812/(O&M)220 KV (MKG) दिनांक 28/09/2021 एवं आप द्वारा जमा निरीक्षण शुल्क रू0 26250/- का चालान संख्या 00430921E0558747 दिनांक 28/09/2021।

महोदय,

उपर्युक्त विषयक 132 के0वी0 सबस्टेशन जसपुर में अधिष्ठापित 40 एम0वी0ए0, 132/33 के0वी0 ट्रांसफारमर तथा 132 के0वी0 बे - 2 नं0 के विद्युत अधिष्ठापनों (संलग्न विवरणानुसार) का निरीक्षण/परीक्षण इस कार्यालय के प्रतिनिधि श्री प्रमोद सिंह अधिकारी, अपर सहायक विद्युत अभियन्ता द्वारा दिनांक 08/10/2021 को किये जाने पर उक्त अधिष्ठापन सुरक्षा एवं विद्युत आपूर्ति संबंधी उपाय विनियम 2010 के प्राविधानों के अन्तर्गत सन्तोषजनक पाया गया।

उक्त अधिष्ठापन को ऊर्जित किये जाने की अनुमति प्रदान की जाती है।

संलग्नक :- यथोपरि

भवदीय

(गिरीश चन्द्र)
निदेशक, विद्युत सुरक्षा उत्तराखण्ड शासन

(MANAGING DIRECTOR)
POWER TRANSMISSION CORPORATION
OF UTTARAKHAND LTD., DEHRADUN

Equipment Details - 132 KV S/s Jaspur - FOR NOC

S.NO	DESCRIPTION OF EQUIPMENT	MAKE	UNIT	QTY.	SERIAL NO.
1	132/33 KV, 40 MVA Power Transformer	M/s CG Power & Industrial Solutions Limited	Nos.	1	MT-8177/1
2	145 KV SF6 Circuit Breaker	M/s CG Power & Industrial Solutions Limited	Nos.	3	55823C, 55824C, 55825C
3	33 KV SF6 Circuit Breaker	M/s CG Power & Industrial Solutions Limited	Nos.	1	55815C
4	145 KV CVT, 1 Phase with JB	M/s Siemens Limited	Nos.	6	1CV3682 To 1CV3684 & 1CV3685 To 1CV3687
5	145 KV CT (400-200/1A)	M/s Kapco Electric Pvt. Ltd.	Nos.	3	KEPL/3631/07 To 09
6	145 KV, 1 Ph, 5 Core CT (1000-500/1A)	M/s Kapco Electric Pvt. Ltd.	Nos.	6	KEPL/3634/01 To 06
7	145 KV PT for Bus	M/s Kapco Electric Pvt. Ltd.	Nos.	3	KEPL/3635/01 To 03
8	36 KV CT (800-400/1A)	M/s Kapco Electric Pvt. Ltd.	Nos.	3	KEPL/3632/16 To 18
9	33 KV PT for Bus	M/s Kapco Electric Pvt. Ltd.	Nos.	3	KEPL/3633/10 To 12

निदेशक
विद्युत सुरक्षा उत्तराखण्ड शासन,

(MANAGING DIRECTOR)
POWER TRANSMISSION CORPORATION
OF UTTARAKHAND LTD., DEHRADUN

कार्यालय

सहायक विद्युत निरीक्षक, उत्तराखण्ड शासन, रुड़की जोन

प्रकाश प्लाजा कॉम्प्लेक्स, शिव मन्दिर के सामने, सिविल लाईन, रुड़की, जिला-हरिद्वार।

संख्या- 370 नि0/स0वि0नि0/रुड़की जोन/एच0टी0/2020-21

दिनांक 21-07-2020

सेवा में,

अधिसासी अभियन्ता,

220 के.वी. परिचालन एवं अनुरक्षण खण्ड
रुड़की।

विषय : 132 के.वी. सबस्टेशन लक्सर में उच्चिकृत किये गये 40 एम.वी.ए. ट्रांसफार्मर (01 नं0) का प्रारम्भिक निरीक्षण।

प्रसंग:- आपके द्वारा जमा निरीक्षण शुल्क रु0 7725=00 का चालान संख्या 59 दिनांक 17-07-2020 एवं 6750=00 का चालान संख्या 58 दिनांक 17-07-2020।

महोदय,

उपर्युक्त विषयक अधिष्ठापित उच्च विभव अधिष्ठापन के विद्युतीय अधिष्ठापन का प्रारम्भिक निरीक्षण एवं परीक्षण अधोहस्ताक्षरी द्वारा दिनांक 17-07-2020 को किया गया। ट्रांसफार्मर का विवरण निम्न प्रकार है:-

नं0	ट्रांसफार्मर 1
मेक	IMP LIMITED
कैपेसिटी	40 MVA
सिरियल नं0	PT6936
वोल्टता	132/33 KV

अर्थ रजिस्टेंस बॉडी - 1.5 ओहम्

अर्थ रजिस्टेंस न्यूट्रल - 1.5 ओहम्

H.V.BAY

MAKE	SEARIAL NO	RESISTANCE	EARTH RESISTANCE	RATIO
VISHAL TRANSFORMER	VTS/APR/034/109	∞ Ohm	0.75 Ohm	400/100/1 AMP

L.V.BAY

MAKE	SEARIAL NO	RESISTANCE	EARTH RESISTANCE	RATIO
KAPCO ELECTRIC (P) LTD.	KEPL/3631	∞ Ohm	0.5 Ohm	400-200/1 AMP

MAKE	SEARIAL NO	RESISTANCE	EARTH RESISTANCE	RATIO
HEPTACARE POWER IND. LTD.	MM-331	∞ Ohm	0.5 Ohm	132KV//3-110V//3-110V//3

याई में वर्षा के पानी के निकासी हेतु सुगम व्यवस्था करायी जाये। पावर केबल/कन्ट्रोल केबल ट्रेन्च में पानी की निकासी की सुगम व्यवस्था करायी जाये। प्रत्येक अर्थ स्ट्रीप को हरे रंग से प्रदर्शित किया जाये। लाईटनिंग एरेस्टर के अर्थ स्ट्रीप पर 90 अंश(L) का मोड न रखा जाये इसे घुमावदार रखा जाये। उपरोक्त त्रुटी को छोड़कर अधिष्ठापन, केन्द्रीय विद्युत प्राधिकरण (सुरक्षा तथा विद्युत आपूर्ति सम्बन्धी उपाय) विनियम 2010 के विनियम 43 के नियमों के अन्तर्गत सन्तोषजनक पाया गया।

(राजेन्द्र प्रसाद कोटनाला)

सहायक विद्युत निरीक्षक, उत्तराखण्ड शासन,

MANAGING DIRECTOR
POWER TRANSMISSION CORPORATION
OF UTTARAKHAND LTD., DEHRADUN

रुड़की जोन, रुड़की।