

POWER TRANSMISSION CORPORATION OF UTTARAKHAND LTD.
TENDER NOTICE

Sealed and separate tenders in two parts (Part-I & II) are invited from original manufacturers/their accredited representative of Electric ‘A’ Class valid license holder from Uttarakhand Government or equivalent authority of following supply/works. The tender documents shall be down loaded from our internet website of www.ptcul.org. The date of opening of tenders if happens to be public holiday, tenders shall be received and opened on next working day at scheduled time. The undersigned reserves the right to reject one or all tenders without assigning any reason thereof.

Tender shall be received through Registered Post only (acknowledgement due) addressed to Chief Engineer (O&M), Kumaon Zone, PTCUL, 220KV S/S Kamaluaganja, Post Office Kamaluaganja, Haldwani in the office upto 5.00 PM on specified date. The department shall not own any responsibility regarding the postal delay in the receipt of the tender.

The Part-II of the tenders, belonging to only those tenders who qualify for the work on the basis of the documents supplied by them in Part-I, shall be opened publicly same day. The due date of opening of tenders if happens to be public holiday, tenders shall be received and opened on next working day at scheduled time. All other terms and conditions shall be as per tender documents.

Part I & II shall contain the following :

(A) Part-I : Part-I of the tender shall contain the following :-

- i) Cost of tender document : In the form of Bank Draft in favour of Executive Engineer, 220KV O&M Division, PTCUL, Haldwani payable at Haldwani.
- ii) Earnest Money : In the form of FDR/CDR/NSC/TDR duly pledged in favour of Executive Engineer, 220KV O&M Division, PTCUL, Haldwani payable at Haldwani.
- iii) Experience Certificate : Experience certificate issued by an officer not below the rank of Executive Engineer for the related works must be furnished with Part-I.
- iv) Annual Turn over : The annual turn over of the firm/contractor should be not less than one crore of last year for which Income Tax return for the last year must be furnished in Part-I.
- v) Registration : The Firm/contractor must be registered in Sales Tax, Income Tax / Service Tax Department.

Relevant documents in support of above must be furnished. If these documents are not furnished alongwith the tender in Part-I, the offer will be liable to be rejected summarily.

(B) Part-II : shall contain Techno-Commercial and Price Bid.

- 1- Tender specification No. : GM(O&M)/02/2013-14
- a) Name of work : Construction of 33 KV Jack bus with spare bay & extension of 33 KV main Bus at 132 KV Substation, Bazpur.
- b) Earnest money : Rs. 30,000.00
- c) Cost of tender document : Rs. 2000.00 + 13.50% VAT
- d) Starting date for down loading tender document : 10-05-2013
- e) Closing date for down loading of tender document : 10-06-2013 upto 5.00 PM
- f) Last Date for submission Of Tender Document : 16-06-2013 at 5.00 PM
- g) Opening date of Tender Part-I & II : 17-06-2013 & 24-06-2013 respectively at 11.00 AM..

“Save Electricity in the interest of nation”

Chief Engineer (O&M)
220KV S/S Kamaluaganja
Haldwani (Nainital)

TENDER FORM

TENDER FOR

.....
against Tender Specification No.GM(O&M)/

From,

To,

The Chief Engineer (O&M)
Kumaon Zone,
Power Transmission Corporation of Uttaranchal Ltd.
220KV Kamaluaganja
Haldwani(Distt.-Nainital)

Sir,

With reference to your invitation to tender for the above, I hereby offer to the Power Trans. Corp. of Uttaranchal Ltd. items in the schedule of prices and delivery annexed or such portion thereof, as you determine in strict accordance with the annex condition of contract form "B" specification and schedule of rates to the satisfaction of the purchaser or in default thereof to forfeited and pay to Power Trans. Corp. of Uttaranchal Ltd. the sum of earnest money mentioned in the said condition.

The rates quoted are inclusive pro-rate and in full of satisfaction of the all claims.

I/We agree to abide by this tender for the period of 120 days from the date fixed for receiving the same

A sum of Rs. in the form of is herewith forwarded duly endorsed in favour of Executive Engineer, 220KV O&M Division, Haldwani as earnest money deposit, the full value of which shall be retained by the Power Transmission Corporation of Uttaranchal Ltd. on account of security deposit specified in clause-3 of the said conditions of form "A".

Yours faithfully

Signed

Dated the day of 200

SIGNATURE OF THE
TENDERER IN FULL

Witness
Address
Occupation

TENDER PERFORMA

SCHEDULE 'C'

Sr. Particulars

1. Specification No. against which you have tendered.
2. Receipt No. & date by which cost of the Tender Specification deposited by you.
3. Specification of the material for which tender has been submitted. Are you a manufacturer of the item ordered for or ace-credited Agent of manufacture?
4. Quantity offered (In there are two or more items state quantities separately with units.)
5. Amount of form in which earnest money deposited with Executive Engineer, 220KV O&M Division, Haldwani(UA) Please give referenda in this connection.
6. Do you agree to all the conditions of the Tender specification clearly which you would desire in the general conditions of contract form(It may please noted that it shall be entirely at the discretion of the purchaser to accept or to reject the modification proposed.)
7. Please state clearly(Answer Yes or No) if you would agree to undertake the supply incase the modification as suggested under Sl. 6 is not acceptable to the Corp. without imposing any further condition/conditions from your side.
8. Give the reference who can certify your financial status & capability to undertake such supply order. One of the references should be schedule Bank of India.
9. Do you confirm that there are no typographical errors/omissions in your tender and all other documents forming part of the Tender? (Yes/No).

10. Have you submitted list of past suppliers work executed.
11. What is the validity period of your Tender?
12. What is the Delivery Period? Please state if the delivery is guaranteed under penalty state the delivery date/month.
13. Are you agreeable to the delivery period being reckoned from the date of receipt of acceptance letter by you?

PRICE/PRICES

1. Is the quoted prices for each item FIRM/Firm in all respect?
2. If the quoted prices is variable please give the price variation formula and also the basis (with documents) of quoted price.
 - (A) Do you agree that the price variation clauses shall be applicable only within the guaranteed completion period as mentioned in tender and shall no be applicable there after even if extension in delivery is granted at later stage on any ground whatsoever.
 - (B) Have you furnished the documentary evidence in respect of basis mentioned in item 2(A) above?
3. Is the quoted price exclusive of Sale Tax?
4. If the price is inclusive of Sale Tax. What is the amount of Sale Tax included and at what rate?
5. Is the quoted price exclusive of Excise Duty on finished product?
6. If the quoted price is inclusive of Excise Duty included and at what rate?
7. In the quoted price exclusive of transit Insurance charges covering 30 days?

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8. If the quoted prices is inclusive of insurance that the amount of insurance charges included to what rate?
9. Please state if you would claim any other charges over & above the price as extra which are not covered by Sl. No. to If yes, please state extra separately indicating the amount in rupees against each on per unit basis.
10. Do you offer any discount and if so what is the discount in unit.
11. Have you read the standard clause 2.10 of special conditions which for change of price/prices or its/their structure after the opening of tender?

TECHNICAL SPECIFICATION:-

1. Is the material offered according to the specification of the purchaser?
2. If the material offer is/not exactly accordingly to the purchasers specification. Please get the verification from the same.
3. Have you enclosed leaflets, descriptive and illustrative catalogues in triplicate?
4. Have you enclosed copies of test certificates in respect of material offered?
5. Have you submitted sealed sample (Non refundable) and delivered the same to the office of Dy. General Manger, Trans. Haldwani.
6. Have you filled up the schedule of technical particulars?
7. Guarantee of offered material shall be 6 or 12 months.

ADDRESS

Place:

Date:

SCHEDULE "B"

DEPARTURE FROM SPECIFICATION

Sl.No.	Name of Items	Description of Departure	Reference of Clause in Specifications
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APPLICATION FROM TENDERER

(On a Non-judicial stamp paper of Rs.5/- plus 0.20 paise revenue stamp affixed)

AGREEMENT

Tender invited by
Tender for
Tender Notice No.
and Date
Name of Tenderer

In consideration of the Power Transmission Corporation of Uttaranchal Ltd. having treated the tenderer to be an eligible person, whose tender maybe considered, the tendered, the tenderer here-by agrees to the condition that the proposal in response to the above invitation shall not be withdrawn within three months from the date of opening of the tender and also to the condition that if there, after the tenderer withdraws his proposal within the said period, the Earnest money deposited by him may be forfeited to the Power Transmission Corporation of Uttaranchal Ltd. on the discretion of the Engineer-in-charge.

Signed this day of 200

SIGNATURE OF TENDERER

Full Name

WITNESS

- 1.
- 2.

**UNDERTAKING EXPERIENCE AND FINANCIAL CAPACITY FOR
EXECUTING THE WORK**

A. Working experience for last 3 years.

Sl.No.	Name of Work	Cost	Date of completion	Total time of completion	Name and address of office under whom work was executed with certificate
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Note :-

1. Testimonials in support of the above may be submitted from officer not below the rank of Executive Engineer.
 2. Attach additional paper if details are not covered in this table.
- B. Position of last Income Tax clearance.
C. Financial capacity of Contractor.
(Give bankers name and capacity of execute work).

SIGNATURE OF TENDERER

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**Bill of Quantity & Technical specification against Tender Specification No. GM(O&M)/02/2013-14
for construction of 33KV Jack bus with spare bay & extension of 33 KV main bus at 132 KV S/S, Bazpur.**

Sl. No.	Description of work	Qty.	Rate (Rs.)	Amount (Rs.)
(A)	COST OF MATERIAL :			
1-	33 KV Isolator with Terminal Connectors, Operating mechanism etc .	2 Nos.		
2-	36 KV SF-6 Circuit Breaker with Terminal connectors Mounting Structure etc.	1 No.		
3-	36 KV 400/200/1A CT complete with junction box Terminal connectors etc.	3 Nos.		
4-	33KV Triple Feeder Panel	1 No.		
5-	ACSR Dog Conductor	200 Mtr.		
6-	33KV Disc Fitting for Dog Conductor	40 Nos.		
7-	33KV E Clamps	6 Nos.		
8-	Fabricated GI Structure (Complete with Gantry, Isolators, CT ,Post Insulators with nuts & bolts etc)	7.2 MT		
9-	GI Stay Set complete	4 Set		
10-	PG Calmps(P-P)	3 Nos.		
11-	ST Pole , 9 Mtr long	6 Nos.		
12-	MS Channel 125X65 mm	500 Kg.		
13-	MS Angle 65X65X6 mm	285 Nos.		
14-	Earthing Material MS Flat 50X6 mm	120 Mtr.		
15-	33KV Post Insulators	4 Nos.		
16-	Bracing Clamp for ST Pole	15 Nos.		
17-	Stay Clamp for ST Pole	12 Nos.		
18-	Control Cable 2.5 Sqmm X 2 Core	400 Mtr.		
19-	Control Cable 2.5 Sqmm X 4 Core	400 Mtr.		
20-	Control Cable 2.5 Sqmm X 10 Core	200 Mtr.		
	SUB TOTAL (A) :			
(B)	COST OF ERECTION WORK :			
1-	Foundation Work including excavation, foundation Nuts & Bolts for 36KV Isolator,36KV SF-6 Circuit Breaker,36KV 400/200/1A CT.	6 Job		
2-	Foundation Work for Gantry, Post Insulator, ST Pole., Stay Set of ST Pole.	1 Job		
3-	Erection of 36KV Isolators,36KV SF-6 Circuit Breaker ,36KV 400/200/1A CT with junction box,33KV Triple Feeder Panel, Gantry, 33KV Post Insulators, ST Pole (9 Mtr long) complete with structure, terminal connectors, operating mechanism etc.	1 Job		
4-	Laying of MS Flat & connecting above erected Isolators, Circuit Breaker, CTs & ST Poles with Earth mat & Laying & terminating Control Cable of sizes 2,4,10x 2.5 Sqmm including Lugs, ferules ,cable ties etc.	1 Job		
5-	Stringing of 33KV Bus Bar of 3 parallel Dog conductors including Jumpering	1 Job		
6-	Making Trench 0.5 mtr wide & 0.6 mtr deep including Excavation, Brick Work, Plastering, Trench cover etc.	10 RMT		
7-	Jumpering Work from 33KV Bus to Isolator (without E/S) to Circuit Breaker to CT to Isolator (with E/S)	2 Job		
8-	Commissioning of Complete Jack Bus including Testing & Commissioning of Circuit Breaker & Relay panel	1 Job		
	SUB TOTAL (B) :			
	GRANT TOTAL (A+B) :			

Terms & Conditions :

- 1- The work shall be carried out under the strict supervision of Engineer Incharge.
- 2- The contractor will arrange all the material, T&P and labour required for the proper completion of work.
- 3- The contractor shall use best quality material of PTCUL approved vendors only.
- 4- The contractor shall be solely responsible for any kind of loss/damage of its material, T&P and labourer during the complete course of agreement.
- 5- The contractor shall make sure that all the safety measures are followed by its labourers while working inside Substation.

**Chief Engineer (O&M)
Kumaon Zone, Haldwani.**

**Signature of Tenderer
With Seal**

33 KV Circuit Breaker

Technical Parameters: -

a) Nominal Voltage	33 KV
b) Highest System Voltage	36 KV
c) No. of Poles	03
d) Type of installation	Outdoor
e) Type	SF6 Gas insulated
f) Rated normal Current	1250 A
g) Rated making current	100 KA
h) First pole to clear factor	1.5
i) Rated short-time current	40 KA(rms) for one second
j) Rated lightning Impulse voltage	170 KVp
k) System Frequency	50 Hz
l) System neutral earth	Effectively earthed
m) Control	Local & Remote
n) Operating Mechanism	AC motor-wound spring charged
o) Tripping coil	02 nos.
p) Temperature rise	as per IEC56
q) Auxiliary supply	
AC supply for motors and heaters	415V+10%, 3-Ph, 50 Hz
DC Control supply for operation	110 V+10 %, 2-wire

33 KV Isolator

Technical Parameters: -

a) Rated Voltage	33 KV
b) Highest System Voltage	36 KV
c) No. Of Poles	03
d) Type of installation	Outdoor
e) Type	Centrally Break Type
f) Rated normal Current	1200 A
g) Rated short-time current	40 KA (rms)
h) System Frequency	50 Hz
i) Type of operation for main blade	Manual

33 KV Current Transformer

Technical Parameters: -

- | | |
|---------------------------------------|------------------------|
| a) Rated primary Voltage | 33 KV/ $\sqrt{3}$ |
| b) Rated Secondary Voltage | 110 V/ $\sqrt{3}$ |
| c) No. of Cores | 02 |
| d) Type | Outdoor |
| e) Accuracy class for Secondary Cores | 0.2 |
| f) Rated burden for Secondary Cores | 30 VA |
| g) Rated Cont. Thermal Current | 120 % |
| h) System Frequency | 50Hz |
| i) Knee Point Voltage | > 400 V at 400/1 A Tap |
| | > 200 V at 200/1 A Tap |
| j) Exciting Current | > 25 mA at 400/1 A Tap |
| | > 50 mA at 200/1 A Tap |
| k) Ratio | 400/1 |
| l) Insulation Level | 70/170 |