

Offices of the Executive Engineer,
Electricity Department, Division – XII, Xeldem, Quepem Goa.
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BY SPEED POST/HAND DELIVERY

No. EE-XII/Quot-27(24-25)/ 2124 /2024-25

Date: 19 /03/2025.

AD (TT) 25/3 RC (Ruh)
25/3/25

To,

Not enclosed

Sub:-Quotation for work of Supply, Erection, Testing and Commissioning of 30KV, 10KA, Lightning arrestors (LA) for use at 3X50MVA, 220/33KV EHV Cuncolim sub station

The Executive Engineer Elect. Div-XII, Xeldem-Goa, on behalf of Governor of Goa invites you to offer your lowest rate for Supply & Erection of below mentioned Materials as per the terms and condition (Annexure-I) & Technical specification (Annexure II) enclosed here with:-

| Sr No | Description | Unit | Qty | | | Estimated Amount in figures exclusive of GST @18% in terms of ₹ | Remarks |
|-------|---|------|-----|-------|--------|---|---|
| | | | | Rate | Amt | | |
| 1 | Supply, Erection, Testing and Commissioning of 30KV, 10KA Lighting Arrestor with surge counter complete in all respect as per scope and Technical specification | Nos. | 15 | 26453 | 396795 | 396795 | Preferred makes Elpro International Pune, Oblum Hyderabad, Shreem Electric ltd., CG Power & Ind. solution, ABB, |
| | Erection, Testing & Commissioning cost | Nos. | 2 | 1484 | 2968 | 2968 | |
| | TOTAL | | | | | 399763.00 | |
| | TOTAL AMOUNT RS. 399763.00- | | | | | | |
| | Percentage above (+ve)/ Below(-ve) in figures | | | | | | |
| | Percentage above (+ve)/ Below(-ve) in words | | | | | | |
| | At Par/ same | | | | | | |
| | Amount Quoted in Figure (exclusive of 18% GST) | | | | | | |
| | Amount Quoted in Words (exclusive of 18% GST) | | | | | | |
| | E.M.D. Rs. 7995 /- (Rupees seven Thousand nine Hundred ninety five only) | | | | | | |
| | Last date & time of receipt of quotation: 28/03/2025 upto 15:00hrs. | | | | | | |
| | Date & time of opening of quotation 28/03/2025 at 15.30hrs. | | | | | | |
| | All other Rules & Regulations in force shall be applicable. For more details please visit either Goa Govt. State portal or this office on any working day between 14:30 to 17:00hrs | | | | | | |

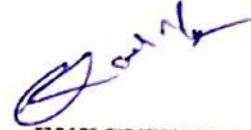
Sealed quotation alongwith attached Terms and Conditions duly signed & super scribed on the top of envelope as "Quotation for "work of Supply, Erection, Testing and Commissioning of 30KV, 10KA, Lightning arrestors (LA) for use at 3X50MVA, 220/33KV EHV Cuncolim sub station". should be inserted in the quotation box kept at office of the Executive Engineer, Elect, Dept., Div-XII, Xeldem before Last date & time of receipt of quotation.

Name:

Signature:

Stamp of the Contractor:

Encl: As.above



EXECUTIVE ENGINEER-XII.

Copy to:-

- 1) The Chief Electrical Engineer, Vidyut Bhavan, 3rd Floor, Panaji Goa. For information
- 2) The Superintending Engineer, Elect. Dept. Circle-I, Margao.... For information.
- 3) The Divisional Accountant, Accounts Section, Div-XII, Xeldem.... You is requested to be Present on the day of opening.
- 4) The Sub-Divisional Engineer, Elect. Sub-Div-II(Const), Xeldem.
- 5) The Director of Information & Technology, IT HUB, 2nd floor, Altinho, Panaji-GoaWith a request to publish the quotation called by this office for Quotation for work of Supply, Erection, Testing and Commissioning of 30KV, 10KA, Lightning arrestors (LA) for use at 3X50MVA, 220/33KV EHV Cuncolim sub station" on Goa Govt. State portal by 25/03/2025. (E-mail sent to stateportal.goa@nic.in)
- 6) O/c

ANNEXURE-I

TERMS & CONDITIONS

- 1) **RATES**: The rates quoted should be firm & for Supply & Erection at Xeldem Sub-Station.
- 2) **TAXES & DUTIES**: The rates quoted shall be inclusive of GST, transportation, octroi, levies, packing & forwarding etc.
- 3) **VALIDITY**: The rates quoted shall be valid for a period of 60 days from the date of opening of quotation.
- 4) **COMPLETION PERIOD**: work of Supply, Erection, Testing and Commissioning of 30KV, 10KA, Lightning arrestors (LA) for use at 3X50MVA, 220/33KV EHV Cuncolim sub station shall be completed within 60 days from the date of placement of order.
- 5) **EARNEST MONEY DEPOSIT**: An amount of Rs. 7995/- towards **EARNEST MONEY DEPOSIT** shall be furnished by demand Draft drawn from any scheduled bank guaranteed by Reserve Bank of India, payable at Quepem in favour of the Executive Engineer, Div XII, Electricity Department, Xeldem-Goa in the envelope marked as "Envelope A". The said envelope should be stapled to the quotation/offer enclosed in a separate envelope marked as "Envelope B" with the enquiry reference no superscribed on it. The quotation received without EMD will be summarily rejected.
The Government shall without prejudice to any other right or remedy, be at liberty to forfeit 50% of the EMD, if any quotationer, whose quotation is accepted fails to commence the work/supply specified in supply specified in supply order within the prescribed time or abandons the supply before its completion.
- 6) **PERFORMANCE SECURITY**: Performance Security of 5% of the ordered value shall be deposited with this office on issue of acceptance letter & the same shall be refundable on completion of the work & recording of the completion certificate.
- 7) **SECURITY DEPOSIT**:- Security Deposit amounting to 2.5% of the ordered value will have paid by you or the same shall be deducted from the bills after adjusting the EMD paid by you. The Security Deposit will be retained till the expiry of the guarantee period & thereafter the same shall be refunded against an application in Form-28, subject to the condition that defects in the material noticed during the guarantee period will be replaced by you at your own cost to the entire satisfaction of the Engineer-in-charge and on the recovery of any amount due to the Government. recovered from you will be refunded after the expiry of the guarantee period on receiving written request from you however, if any recovery is to be made from you for sub-standard material, short supply etc., or any other reason against this order, the same will be recovered from this security deposit amount.
- 8) **PAYMENT**: Payment will be made only after supply of material in full & good condition and on acceptance by Engineer-in-charge. The contractor shall indicate Income Tax, Pan Number & TIN Number registered with the Collectorate of Custom & Central Sales Tax in the invoices/receipt, Bank a/c No., Name of Bank, IFSC code, MICR code, mobile No., e-mail address etc. for e-payments without which payment will not be released.
- 9) **CONTRACT CONDITION**: Orders will be governed by the conditions of P.W.D. agreement **Form No.7**. Your acceptance for the same should be confirmed.
- 10) **COMPENSATION**:- For all the late supply of material, a compensation at the rate of 1% of the order value per day of delay in completion beyond the schedule delivery date mentioned above but not exceeding 10% of the order value will be charged.
- 11) **GUARANTEE**: The Supplied Materials will have to be guaranteed for satisfactory performance the period of 12 months from the date of Supply.
- 12) **THE RIGHT TO REJECT**: The right to reject any or all the quotations, without assigning any reasons shall rest with the undersigned.
- 13) **DATE OF RECEIPT AND OPENING OF QUOTATION**: The quotation will be received up to 15.00hrs on 28/03/2025 and it will be opened at 15.30 hrs on the same day.


Executive Engineer,
Div XII – Xeldem.

Annexure II

Technical Specification of Lightning/Surge Arrestors 30 KV station type (10 KA)

Type: Gapless Type, Applicable standards: IEC 60099-4 & IS: 3070-1993 (part-3)

No of units per arrester: Single unit of 30kV, Highest system voltage: 36kV, Normal system voltage: 33kV,
System earthing: Solidly earth system, Rated Voltage in kV (RMS): 30kV, Nominal discharge current(8/20 μ
second wave): 10kA, Long duration discharge class: Discharge class-II, Maximum Continuous Operating
Voltage (kV): 25Vrms, Insulation withstand test voltages

a) One Min. Power Frequency withstand Voltage (Dry & Wet): 70 kVrms

b) Lightning Impulse Withstand Voltage: 170 V peak

Max. residual voltage for discharge current of 8/20 μ seconds

a) 5000 Amps: 85kVpeak

b) 10000 Amps: 90kVpeak

c) 20000 Amps: 100kVpeak

Maximum steep current Impulse Residual Voltage at 10kA of 1 μ second front

Time: 100kVpeak

Maximum Switching Impulse Residual voltage 30/60 μ second at 500 Amps: 80kVpeak (at 500 A), 70kVpeak
(at 250A)

Minimum energy discharge capability: 6kJ/kV (OD test - 2 shots)

Mounting flange dimensions: 3 holes ϕ 14 on PCD



**Executive Engineer,
Div XII – Xeldem.**

LIST OF PARTIES TO WHOM QUOTATIONS ARE SENT

| | | | |
|---|---|---|---|
| 1 | Ms. Nanu Engineers Pvt. Ltd 'NANU HOUSE' P.O. box no.125 Varde Valaulikar Road, Margao Goa | 5 | M/s. Abha Power Enterprises Engineers, Contractors & Suppliers, Shop No. UG-2A St. Annes Residency Near Shree Vitobha Temple Upper Bazar, Ponda-Goa |
| 2 | M/s Sweta Enterprises, C/o Shri Santosh Naik Block-E/ Apt-G1 Rich Builders Paradise Opp Rugnashray, Bambolim-Goa. 403202 | 6 | M/s. Crompton Greaves Ltd., Engineering Projects Division,,Kanjur Marg (East), Mumbai – 400 042 |
| 3 | M/s. M/s. United Industries, Plot No. 2/1/2, Gat No. 418/2, L.K, Akiwate Co-operative Industrial, Jaisingpur – 416144 Maharashtra | 7 | M/s. Universal Engineers, Shop No. 5, Kshatriya Dnyati Niwas, Bldg. No. 4, Sitladevi Temple Road, Mahim, Mumbai – 400 016 |
| 4 | M/s. Oblum Electrical Industries Pvt. Ltd.,A-16 & 17 Assisted Pvt. Industrial Estate, Balanagar, Hyderabad, A.P. – 500 037 | 8 | M/s. Aswathy Engineering, 225/C-S-3, 2nd Floor, Endro Apartment, Next to Corporation Bank, Padri Bhat, St. Jose de Areal, P.O. Curtorim, Salcete Goa.403709 |