

Office of the Executive Engineer,  
Elect, Dept., Div-VII (O & M)  
Curchorem-Goa 403 706

BY SPEED POST/HAND DELIVERY

No.EE/Div-VII/Tech-2/Quot-18 (20-21)/1037/2020-21

Dated: 30/06/2020

Sub: - Quotation for supply of 03Nos. of 11KV Resin Cast CT's and 03Nos. of Resin Cast PT's

On Behalf of The Governor of Goa, quotation for the below mentioned materials as per the terms and conditions depicted in Annexure-I, II & III is invited

QUOTATION

Sr. No	Description	Unit	Qty.	Rate in figures & words (Rs.)	Amount in figures (Rs.)
1	Supply of 11KV resin cast, indoor, single pole insulated, "Earthed" type voltage Transformers conforming to IS:3156/1992 of ratio 11000V/ $\sqrt{3}$ /110V/ $\sqrt{3}$ , HSV:12 KV, IL:12/28/75 KVp, burden 50VA, class 0.5, VF :1.2 cont. & 1.9 for 8 hours, frequency:50 Hz, Insulation class B.	Nos.	03		
2	Supply of 11KV epoxy cast Indoor type CT of ratio 50/5 15VA Class 0.5, conforming to IS 2705 part 1 & 2 1992 as amended upto date.	Nos.	03		
Sub Total in Rs.					
Add GST@18%					
Grand total in Rs					
E.M.D. Rs. 1,463 /- (Rupees One Thousand Four Hundred Sixty Three only)					
Last date & time of receipt of quotation: 09/07/2020 upto 15:00hrs.					
Date & time of opening of quotation: 09/07/2020 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					
Reputed approved makes: Pragati/Goa Electric/Kalpa /Kappa/Kapco /CGL/Gyro					

Sealed quotation alongwith attached Terms and Conditions duly signed & super scribed on the top of envelop as "Quotation for supply of 03Nos. of 11KV Resin Cast CT's and 03Nos. of Resin Cast PT's" should be inserted in the quotation box kept at office of the Executive Engineer, Elect, Dept., Div-VII (O & M) Curchorem before Last date & time of receipt of quotation.

Name:

Signature:

Stamp of the Contractor:

Encl: As above

Sd/-

EXECUTIVE ENGINEER-VII.

To,

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Copy to:-

- 1) The Superintending Engineer, Elect. Dept. Circle-I, Margao.... For information.
- 2) The Executive Engineer, Elect. Dept, Div. No. I/II/III/IV/V/VI/VIII/IX/X/XI/XII/XIII/XIV, XV/XVI/XVII/XVIII Panaji/Margao/Ponda/Bicholim/Mapusa/Tivim/Vasco/Xeldem/Corlim/Verna/Patto Plaza Panaji.....For information.
- 3) The Divisional Accountant, Accounts Section, Div-VII, Curchorem....He is requested to be Present on the day of opening.
- 4) The Sub-Divisional Engineer, Elect. Sub-Div-II, Quepem.
- 5) The Director of Information & Technology, IT HUB, 2nd floor, Altinho, Panaji-Goa .... With a request to publish the quotation called by this office for Quotation for supply of 03Nos. of 11KV Resin Cast CT's and 03Nos. of Resin Cast PT's' on Goa Govt. State portal by 02/07/2020. (E-mail sent to [stateportal.goa@nic.in](mailto:stateportal.goa@nic.in))

ANNEXURE-I  
TERMS & CONDITIONS

1. RATES: - The Rates quoted should be firm.
2. TAXES & DUTIES: - The rates quoted shall be inclusive of GST & all applicable taxes. The landing cost shall include the following:
  - a]. Cost of material / equipment
  - b] GST & all applicable taxes and duties
  - c] Packing, forwarding, freight, clearing charges etc.
  - d] Cost of packets, containers, drums, cases, etc.
  - e] Insurance and other similar charge
  - f] Freight charges upto destination and transportation charges upto the site or work place, loading, unloading, etc.
  - g] All incidentals up to testing commissioning, including storage, watch & ward, etc.
3. VALIDITY: - The Rates quoted should be valid for a period of 90 days from the date of opening of the quotation.
4. COMPLETION PERIOD: The supply should be completed within a period of 30 days from the date of issue of firm supply order.
5. EARNEST MONEY DEPOSIT: - You have to pay an amount of Rs. 1463/- towards EARNEST MONEY DEPOSIT (Rs. 500/- incase of enterprises those are registered under a Micro Enterprise in SSI category permanently registered and acknowledged with the Directorate of Industries, Trade and Commerce, Government of Goa, vide EM-II and also under Udyog Aadhaar Memorandum) by demand draft drawn from any scheduled bank guaranteed by Reserve Bank of India payable at Curchorem, in favour of the "Executive Engineer, Div-VII, Elect. Dept, Curchorem Goa" in a separate envelope, sealed and superscribed as "EMD FOR QUOTATION"(ENVELOPE-A). (Quotation No, & detail of Quotation to be specified) EMD shall be in the form of Demand Draft drawn in the name of The Executive Engineer, Elect, Division VII, Curchorem, on any schedule Bank guaranteed by Reserve Bank of India and made payable at par on any Branches in Goa. EMD payment by cash, cheque, fixed & short term deposit shall not be entertained. Quotation unaccompanied by EMD as above will be summarily rejected. The quotations for the work shall remain open for a period of 90 days from the opening of quotations. The Government shall without prejudice to any other right or remedy, be at liberty to forfeit 50 % of the earnest money if any bidder withdraws his quotation before that date or makes any modifications in terms & conditions which are not acceptable to the Department, and to forfeit the whole of the earnest money if the bidder, whose quotation is accepted, fails to commence the work specified in NIQ (Along with changes in scope) in the prescribed time or abandons the work before its completion.

The 2nd envelope superscribed as "Financial bid" (Quotation No, & detail of Quotation to be specified) shall contain Price bid / Bidding schedule, duly signed by the tenderer on each page over their official rubber stamp, on all pages alongwith the financial bid and other documents (ENVELOPE-B).

The 3rd cover (ENVELOPE-C) pertaining to the tender shall be superscribed as detailed in quotation shall contain the other two envelopes (Envelope-A & Envelope-B) superscribed "EMD for quotation" and "Financial bid". Name of the tenderer shall be written on the left hand side corner of the envelopes
6. PERFORMANCE SECURITY: - In case of acceptance of the offer the performance security of 5 % of the order value shall be deposited(exempted in case of enterprises those are registered under SSI) with this office within 15 days of acceptance letter and the same shall be refundable on completion of the work and recording of the work completion certificate.
7. SECURITY DEPOSIT: - Security deposit amounting to 2.5% of the ordered value will have to be paid (exempted in case of enterprises those are registered under a Micro Enterprise in SSI category permanently registered and acknowledged with the Directorate of Industries, Trade and Commerce, Government of Goa, vide EM-II and also under Udyog Aadhaar Memorandum) or the same will be deducted from the bills adjusting the EMD paid. The security deposit will be retained in this office till expiry of guarantee period and thereafter the same will be refunded against an application in Form-28, subject to the condition that no defects are noticed and the service is entire satisfaction to the Engineer-in-charge and on recovery of any amount due to the Govt.
8. PAYMENT: - Payment will be made to you through ECS mode by Directorate of Accounts Panaji only after completion of supply in full and in good condition conforming to our specifications & acceptance by Sub-Divisional Engineer Elect. Sub Div-II, Quepem. No additional payment will be made towards all types of taxes and duties mentioned as above in condition no. 2 all of which are deemed to have been included in the quoted rates whether expressively specified or not. The bill in quadruplicate duly pre-receipted and signed may be furnished to the concerned Sub-Divisional Engineer Elect. Sub Div-II, Quepem, under intimation to this office for arranging payments. Contractor should also submit document authenticating the upto date GST has been paid by the contractor, for effecting payment
9. DELIVERY OF MATERIALS: - The materials shall be delivered on or before the stipulated date as per the work order at Elect. Sub Div-II, Quepem office.
10. CONTRACT CONDITON: - Orders will be governed by the conditions of P.W.D. agreement Form No.9.
11. THE RIGHT TO REJECT: - The right to reject any or all the quotations, without assigning any reasons, shall rest with the undersigned.
12. DATE OF RECEIPT & OPENING OF QUOTATION: - The quotation will be received up to 15.00 hours on 09/07/2020 & it will be opened at 15.30 hours on the same day.

EXECUTIVE ENGINEER,  
DIVISION-VII, CURCHOREM

ANNEXURE - II  
GENERAL TERMS & CONDITIONS

1. In case the contractor comes across any incorrect/missed out punctuations, typographical errors in spelling, leading incorrect impression or no meaning to the text, then they are advised to get the same clarified from the department. The interpretation of the Engineer-in-charge, in such cases shall be final.
2. The rates quoted by the contractor shall be firm. Any claim on the veracities at a later stage shall not be entertained.
3. The offer shall be valid for a minimum period of 120 days from the date of opening of the quotation.
4. The whole contract shall be governed by the agreement under CPWD form 09 for the contract for supply of materials.

1. STANDARD:

Unless otherwise specified the supply shall comply in all respects with the requirements of the specifications attached with the quotation amended up to date and any revisions thereof that may be issued during the currency of the contract.

2. COMPLIANCE WITH THE REGULATIONS:

The materials supplied shall be in accordance with I.S. Specifications as mentioned in Annexure-III as amended up to date and all revision thereof that may be issued during the currency of the contract. The Supply shall also conform to Electricity Department rules/procedures.

3. PAYMENTS:

No advance payment shall be made along with the order. No payment will be made for the purpose of storing of the materials, transportation, freight and insurance charges, taxes and duty, etc. – all of which are deemed to have been included in the quoted rates whether expressly specified or not. Final payment will be done only after completion of the supply by the Contractor and submission of detailed reports in triplicate.

Deductions: - The work contract tax and income tax shall be deducted at source from the eligible payments to the contractor as applicable from the bill. Department shall issue necessary TDS certificate to the contractor. Successful contractor should have to submit document authenticating upto date GST has been deposited, before placing of order.

Payments will be done through ECS Mode (Electronic clearance system). You are therefore requested to give the following details

1. Name of the Contractor / Supplier
2. Phone No ( Mobile)
3. Name, Branch and address of Bank to which payment to be credited
4. Type of account
5. Bank IFSC code
6. PAN No
7. TIN No

4. AGREEMENT AND GOVERNMENTING CONDITIONS:

The contractor whose offer is accepted will have to enter in to an agreement in the C.P.W.D. Form-9.

5. DEVIATIONS: Any deviation to these specifications if found necessary by the tenderer shall clearly be set forth in the separate schedule giving valid basis for such deviations. The advantage claimed if any to such deviation shall be clearly indicated.

6. GUARANTEE:-

6.1) The contractor shall warrant that the materials will be new and in accordance with the specification, will be free from defects in materials & workmanship. The contractor shall furnish performance guarantee for a period of 12 calendar months (Guarantee period) from the date of supply of materials. Any defects in failure observed during the period of guarantee will be the duty of the contractor to attend and rectify it on priority basis when informed or noticed at his own cost.

7. COMPLETION PERIOD:

The time allowed for completion of supply under this contract shall be of 30 days from the date of written orders to commence the supply.

7.1. Compensation for failure to supply the materials within stipulated time period. The time allowed for supply of materials as entered in the quotation shall be strictly observed by the contractor and shall be deemed to be of essence of the contractor on the part of the contractor and shall be reckoned from the date of firm order. Delay in the supply of the materials as per clauses of CPWD 8 shall attract the compensation/penalty @1% of the value of supply order per day for every day the supply remains uncompleted or unfurnished after the stipulated completion date put to subject to total compensation not exceeding 10% on total cost of supply as per supply order.

#### 8. SPECIAL CONDITION:

Micro and Small Enterprises permanently registered or acknowledge with Enterprises Memorandum II by the Directorate of Industry, Trade & Commerce, Goa shall be given special treatment.

Micro and Small enterprises shall be allowed to match to lowest tender price floated by non-Small Scale Units provided its quoted price is within 15% of lowest quoted price floated by Non- Micro and Small Enterprises;

In case of more than one Micro or Small Enterprises, falling within the range, the lowest one shall be preferred.

For the purpose of availing benefit under Preferential Purchase Incentive for SSI Scheme, the Micro and Small Enterprises shall be required to match standard of quality as required by the State Government Department

Earnest money shall be required to be deposited and the same shall be to the maximum of Rs.500/-.

No other security deposit is required in respect to Micro and Small Enterprises permanently registered or acknowledge with Enterprises Memorandum II by the Directorate of Industry, Trade & Commerce, Goa

Only those Micro and Small Scale Enterprises having turnover not exceeding Rs. 6 crores per annum for the last preceding 3 financial years and permanently registered or acknowledge with Entrepreneurs Memorandum II by the Directorate of Industries, Trade and Commerce shall be eligible for the benefit under this Scheme

Name:

Signature:

EXECUTIVE ENGINEER-VII

Stamp of the Contractor:

Annexure-III

*SPECIFICATION FOR INDOOR TYPE CAST RESIN WOUND PRIMARY, SINGLE PHASE 11KV,  
CLASS 0.5 POTENTIAL TRANSFORMER CONFORMING OF IS 3156 PART 1 & 2 AS AMENDED  
UPTO DATE.*

**1. Technical Specification**

a	Ratio	$\frac{11KV}{\sqrt{3}} / \frac{110V}{\sqrt{3}}$
b	Burden	50VA
c	Class	0.5
d	System Voltage	11KV
e	Highest System Voltage	12KV
f	Voltage factor	1.2 cont./1.9 for 30 sec
g	Power freq. Withstand voltage	28KV
h	Lightening impulse withstand voltage	75KV Peak

**2. Construction Details**

The primary terminals of the PT's shall have ½" dia connecting bolt for connection to 50x6mm copper bus bar through a flexible connecting lead.

Secondary terminals shall be located at the bottom of the PT properly spaced for cable connection and the terminals shall be properly covered with acrylic cover having sealing arrangement. The PT's shall have 300/250mm epoxy encapsulated base plate. The PT's shall be painted with anti-cracking paint.

There shall be 2 nos of earthing terminals provided on the base plate duly marked with earthing symbol for proper earth connection of PT.

**3. Terminal Marking of Potential Transformer**

Primary terminal shall be marked A1 near the primary terminal.

Secondary terminals have to be marked as a1 and a2 using anodized aluminium stickers, which can be seen through acrylic cover.

**4. Testing**

The PT's will be subjected to testing by the MRT Division before acceptance for routine test and will be accepted subject to passing all the routine test. Bidder have to pay to MRT Testing fees as applicable at the time of testing. In this regard DD should be drawn in favour of Executive Engineer Div.-VIII (MRT) payable at Margao Goa.

**5. Printing of name of the department on name plate of PT:**

The following additional words shall be printed on the nameplate of the PT's

"Electricity Department of Goa"

*SPECIFICATION FOR INDOOR TYPE CAST RESIN WOUND PRIMARY, SINGLE PHASE 11KV,  
CLASS 0.5 CURRENT TRANSFORMER CONFORMING OF IS 2705 PART 1 & 2 1992 AS AMENDED  
UPTO DATE.*

11KV cast resin insulated Current Transformer 50/5A Indoor, Single Phase, Wound Primary, 0.5 Class, conforming to IS 2705 part 1 & 2 1992 as amended upto date.

## 1. Technical specification.

a.	Ratio	50/5A
b.	Burden	15 VA
c.	Accuracy Class	0.5
d.	Rated Voltage	11 KV
e.	Highest system voltage	12 KV
f.	Frequency	50 Hz
g.	Lightning impulse withstand voltage	70KV
h.	Power frequency withstand voltage 1 min	28KV
i.	Maximum rated continuous thermal current-	1.2 time
j.	Short Time Current rating	13.1 KA for 1 second

## 2. Construction Details.

- The CT's shall be of wound primary type and the primary terminals shall be brought out for proper connection to 50x6 mm bus bar.
- Secondary terminals shall be located at the bottom of the CT properly spaced for cable connection and the terminals shall be properly covered with acrylic cover having sealing arrangement.
- The CT's shall have 300/250 mm epoxy encapsulated base plate.
- The CT's shall be painted with anti-cracking paint.
- The CT shall be designed for erecting base plate on top (i.e Hanging CT) and the base plate shall have sufficient capacity to take the weight of the CT and the mechanical shocks generated during the passing of the fault current through the CT.
- There shall be 2 nos of earthing terminals provided on the base plate duly marked with earthing symbol for proper earth connection of CT.

## 3. Terminal Marking for Current Transformer

- Primary terminals shall be marked P1 and P2 near the primary terminals.
- Secondary terminals have to be marked as S1 and S2 using anodized aluminum stickers, which can be seen through acrylic cover.
- Testing: - The CT's will be subjected to testing by the MRT Division before acceptance. for routine test and will be accepted subject to passing all the routine test. Bidder have to pay to MRT Testing fees as applicable at the time of testing. In this regard DD should be drawn in favour of Executive Engineer Div.-VIII (MRT) payable at Margao Goa.

## 4. Printing of the name of the Department on the name plate:- The following additional words shall be printed on the nameplate of the CT's "Electricity Department of Goa".

## 5. Tests.

- Routine tests: - The CT's shall be subjected to routine tests as per IS: 2705 Part 1/1992 and as amended upto date at manufacturers work. In addition Partial discharge test shall be carried out at manufacturers work and test reports shall be furnished before supply of materials.

The Department reserves the right to witness all the above tests.

EXECUTIVE ENGINEER-VII