



सरदार वल्लभभाईराष्ट्रीय प्रौद्योगिकी संस्थान, सूरत
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF
TECHNOLOGY, SURAT
विधुत इंजीनियरिंगविभाग
DEPARTMENT OF ELECTRICAL ENGINEERING

SVNIT

No. EED/ APG / 08 / 2022-23

Date: 06/04/2022

To,

Sub: Enquiry for Supply of Special designed "Single phase multi winding transformer with external voltage tapping terminals" for academic and research work.

Dear Sir,

You are requested to quote your prices for supply of stores listed overleaf. The quotations may be sent to the undersigned in a sealed envelope and subscribed as: "Quotation with reference to Enquiry No. EED/APG / 08 / 2022-23, dated: 06/04/2022" Your quotation should reach the undersigned on or before **26/04/2022 at 5:00 PM.**

The quotations should be furnished with the following information.

1. The brand or make of each item should be specifically stated and wherever Necessary, Complete set of specifications and dimensions should be given.
2. If asked, samples are accompany the quotations or provide demonstration in the Department at any stage of purchase without claiming any financial benefits.
3. Sales tax, General tax, Central Sales tax, Custom duty, Insurance charges, Packing and Forwarding charges, if not included in the prices quoted, should be clearly specified.
4. This Special designed experimental setup is used for research purpose. So, concessional rate of GST is applicable.
5. The period of validity of the quotation should be at least **90 Days or more.** Offers subject to prior sale may please be avoided.
6. The delivery period is to be clearly mentioned in the quotation.
7. The mode of delivery of the stores may be mentioned. The delivery should be F.O.R. Surat or at the Institute.
8. All concessions available to an educational institution should be specified and also taken into account while quoting.
9. This Institute is located within the limits of S.M.C. & exempted from the paying of Octroi duty on incoming goods from outside limits of S.M.C.
10. This Institute is registered with the dept. of scientific & industrial Research (DSIR) for the purpose of availing custom duty exemption & central excise Duty Exemption, and hence the certificate to this effect will be issued wherever it is necessary on demand.

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Signature
06/04/2022

Signature



11. Payment is normally made by cheque drawn on the S.V.N.I.T. Branch Office of State Bank of India, Surat-395007 within a period of thirty days from the date of receipt of stores. If case of any official delay, any type of claimed extra payment will not be considered.
12. Your Specification & terms-conditions should be as per the format attached, must be on your company letterhead & signed by an authorized person.
13. Offered quotation may be rejected if any ambiguity is found in offered specification, terms & conditions supplied by party in specified tabular format.
14. Preference may be given to the supplier having status of authorized dealer of manufacturer, with a view to ensure reliable after sales service for the item.
15. **Attach photograph/drawing of quoted item with specifications and design which is provided by standard manufacturers.**
16. **Attach list of purchase order received from any college/ institute/ company / agency etc for similar type of work.**
17. Special designed "**Single phase multi winding transformer with external voltage tapping terminals**" will be tested (online or offline) in supplier workshop or manufacturing plant decided by the department for their linearity, saturation level, tapping value, losses, efficiency, THD, continuous rating and quality of tapping, wheels size etc. Also need to attach test performance report after design and development.
18. Finally Items will be accepted after satisfactory performance in our laboratory according to our requirement.
19. At **least three year warranty** certificate is compulsory along with quotation as well as invoice of the consignment.
20. The Director reserves the right to accept stores, which are not strictly in confirming with the specifications but otherwise, found suitable.
21. The Head of Department /Director reserves the right to stop the purchase process at any stage.
22. An enquiry may send in the following address.

To,

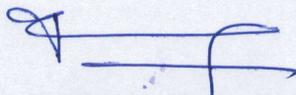
The Director,

(kind attention, Head Electrical Engineering Department),

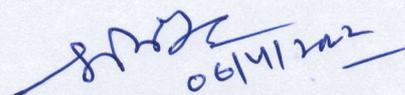
Sardar Vallabhbai National Institute of Technology (SVNIT), Dumas road, Ichhchnath, Surat-395007

(Gujarat), Ph 9924900336 (HoD), 8511034177

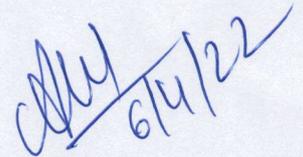
Yours faithfully,



(Dr. Rakesh Maurya)
Laboratory In-charge



(Dr. Sabha Raj Arya)
Laboratory In-charge



Head, DoEE



PTO

Price List

Special designed "Single phase multi winding transformer with external voltage tapping terminals" for academic and research work in Advanced Drives Laboratory, DoEE

Sr. No.	Description	Specifications	Qty.	Make	Unit cost including all type of charges (in Rs.)	Total cost including all type of charges (in Rs.)
1.	Special designed "Single phase multi winding transformer with external voltage tapping terminals"	Specification: 4 KVA, 50Hz, Turns ratio :1:1 Voltage: Input side-250 V (with tapping 0-5-10-15-20-35-65-80-105-125-155-195-215-235-250V) and Output side-250V (with tapping 0-5-10-15-20-35-65-80-105-125-155-195-215-235-250V); Air Cooled; copper winding; insulation- class-f; Continuous rating terminals at each side with high current capacity and accuracy connectors based on kVA and standards; High grade core with lamination, wheel arrangement etc and others as per Annexure-A	06			
Total (in Rs.)						
Total amount with 18% GST and others (in Rs.)						
Total amount with 5% GST with certificate and others (in Rs.)						

Note: (1) Quote item cost/price including all type of charges and GST as separately.

(2) If required, please add extra pages with quotation and for details related to specification see attached **Annexure-A**.

(3) Agency/distributors/supplier must attach Photograph of above item with design sheet (if possible) from original manufacturers as per condition Enquiry condition Sr. No. 15. If above items are quoted by Original Manufacturers than also attached Photograph of above item (if possible provide design). Also attached list of purchase order as per enquiry condition Sr. No.16.

(4) **Quotation will not be considered for further process without Compliance Report in form of ANNEXURE-B and without fulfillment of Enquiry Sr. No. 2, 15 and 16.**

Terms & Conditions

1.	Percentage of GST with certificate for research purpose	
2.	Percentage of GST without certificate for research purpose	
3.	Delivery Period	
4.	Validity of the quotation	
5.	Warranty/Guarantee	
6.	Make and model for items	
7.	Freight/Transportation Charges	No extra payment
8.	Packing and Forwarding Charges	No extra payment
9.	Other Terms & conditions	
10.	Submission of Compliance Report in ANNEXURE-B	Yes/ No



Signature and stamp of agency

[Handwritten Signature]
06/11/22

[Handwritten Signature]

ANNEXURE-A

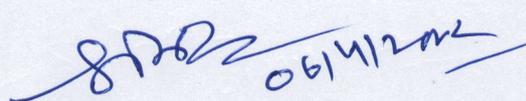
Complete Specification/Details

Special designed "Single phase multi winding transformer with external voltage tapping terminals" for academic and research work in Advanced Drives Laboratory, DoEE

Name of Items	Required specification: Tapping, Distortion in voltage and current, core and laminations, Losses, efficiency, overloading, nature of voltage and current etc.
Special design "Single phase multi winding transformer with external voltage tapping terminals"	(1) Specification: 4 KVA, 50Hz (Power frequency) Turns ratio :1:1, Voltage: Input side-250 V (with tapping 0-5-10-15-20-35-65-80-105-125-155-195-215-235-250V) and Output side- 250V (with tapping 0-5-10-15-20-35-65-80-105-125-155-195-215-235-250V);
	(2) Name of core material and laminations
	(3) Air Cooled; copper winding; insulation- Class-F; Continuous rating terminals with high current carrying capacity and high quality connectors (proved names in separate sheet)
	(4) Nature of voltage and current in each tapping (Approx. less than 2% in case of ideal supply source)
	(5) Core losses
	(6) Copper losses
	(7) Over loading percentage (at least more than 15%)
	(8) Overall performance (Noise level, heating etc.)
	(9) Power factor (with load and without load)
	(10) Warranty period
	(11) Delivery Period
	(12) Wheel arrangement (at least 04 big size wheel)
	(13) Terminals: BTI-32 Terminals or other high capacity and quality.
	(14) Efficiency –Very high
	(15) Continuous rating (Need 24X7)

Signature and stamp of agency
with contact details



ANNEXURE-B
Compliance Report submitted by Agency

Special designed "Single phase multi winding transformer with external voltage tapping terminals" for academic and research work in Advanced Drives Laboratory, DoEE

Name of Items	Required specification: Tapping, Distortion in voltage and current, core and laminations, Losses, efficiency, overloading, nature of voltage and current etc.	Estimated value according to standard	Compliance Yes/No
Special designed "Single phase multi winding transformer with external voltage tapping terminals"	(1) Specification: 4 KVA, 50Hz (Power Frequency) Turns ratio :1:1, Voltage: Input side-250 V (with tapping 0-5-10-15-20-35-65-80-105-125-155-195-215-235-250V) and Output side- 250V (with tapping 0-5-10-15-20-35-65-80-105-125-155-195-215-235-250V);		
	(2) Name of core material and laminations		
	(3) Air Cooled; copper winding; insulation- Class-F; Continuous rating terminals with high current carrying capacity and high quality connectors (proved names in separate sheet)		
	(4) Nature of voltage and current in each tapping (Approx. less than 2% in case of ideal supply source)		
	(5) Core losses		
	(6) Copper losses		
	(7) Over loading percentage (at least more than 15%)		
	(8) Overall performance (Noise level, heating etc.)		
	(9) Power factor (with load and without load)		
	(10) Warranty period		
	(11) Delivery Period		
	(12) Wheel arrangement (at least 04 wheel)		
	(13) Efficiency (High above 97.5%)		
	(14) Variation of voltage in each tapping (in percentage or value)		
	(15) Continuous rating (Need 24X7)		
	(16) Copper conductor size		

Signature and stamp of agency
with contact details

[Handwritten Signature]
06.04.2022

[Handwritten Signature]
06/4/2022

