



MED

SPEED POST

Office: 0261-2259571-2259582-584  
Fax :0261-2227334, 2228394  
Website: www.svnit.ac.in  
Grams : SVNIT

**SARDAR VALLABHBHAI NATIONAL  
INSTITUTE OF TECHNOLOGY, SURAT-395 007.**

No. MED/AFMAP SERB/VKP/105/004 /2021-22

Date: 08/04/2022

12 APR 2022

To,

SVNIT Website

[upload@svnit.ac.in](mailto:upload@svnit.ac.in)

SVNIT  
SPEED POST

**SUB: - Enquiry for Fabrication, purchase and installation of the turbine unit as per the design**

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. MED/AFMFP/SERB/VKP/105 /2021-22, Date: 08/04/2022. Your quotation should reach the undersigned on or before **22/04/2022 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
- 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) The period of validity of the quotation should be at least 45 Days. Offers subject to prior sale may please be avoided.
- 5) The delivery period is to be clearly mentioned in the quotation.
- 6) The mode of delivery of the stores may be mentioned. The delivery should be F.O.R. Surat or at the Institute.
- 7) All concessions available to an educational institution should be specified and also taken into account while quoting.
- 8) 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.
- 9) 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.
- 10) 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. / Satisfactory installation
- 11) Your specifications & terms- conditions should be as per the format attached, must be on your company letterhead & signed by an authorized person.
- 12) Offered quotation may be rejected if any ambiguity is found in offered specifications, terms & conditions supplied by party in specified tabular format.
- 13) The Director reserves the right to accept stores, which are not strictly in confirming with the specifications but otherwise, found suitable.

Yours faithfully,

Head, Mech. Engg. Dept.

ap

Specifications:	
Overall size of HKT	Min. 575*300*300 mm <sup>3</sup>
Bottom passage duct	Min. 150*300*575 mm <sup>3</sup>
HKT Inlet	Min. 150*300*575 mm <sup>3</sup>
Rotor offset	X255, Y129
Rotor diameter	Min. 210 mm Smooth and resistance free rotation. (rotation initiation with slow velocity wind blow at no load)
Hydrofoils	NACA 0024, 3 Nos. Min Curved truncated, 3 Nos. Min
Inlet guidance	Flow guidance advancing vane side and flow diverging retarding side
Rotor flow coverage	Approximately 360°
Exit guidance	Customized two side
Material	Body: SS 304 or SS 316 Rotor vane: Aluminium and PLA

**Note:** The interested enterprise / Persons can visit the institute laboratory on 13/04/2022, 3:00 pm for physical inspection of existing laboratory canal and detailed design and fabrication requirement. (Advanced Fluid Mechanics and Fluid Power Laboratory, Mechanical Engineering Department, SVNIT, Surat)

*Alpatel*  
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