

DEPARTMENT OF TECHNICAL EDUCATION
GOVERNMENT ENGINEERING COLLEGE WAYANAD, MANANTHAVADY.

TEL:04935-271261

No.D1/2396/17/GECWYD

Dated:30/05/2017

SHORT TENDER NOTICE

Sealed tenders are invited for the supply of 3D Printer for the use of Mechanical Engineering Department of Engineering College,Wayanad.

The tenders should be superscribed the Tender No:07/2017-18 due on 28/06/2017 at 2.PM and addressed to the Principal Government Engineering College Wayanad. Late tenders will not be accepted. The tenders will be opened at 3.PM on 28/06/2017 in the presence of such of the tenders or their authorised representatives who may be present at the time. Intending tenderers may on application to the Principal, Government Engineering College Wayanad, obtain the requisite tender forms on which tenders should be submitted. Application for the tender form should be accompanied by a cash remittance of Rs.1050/- which is the price fixed for a form / set of form and which is not refundable under any circumstances. Those who need the tender form by post should send M.O.Rs.1085/- to the Principal, Government Engineering College Wayanad. The tender forms are not transferable. Detailed specification of the item will be obtained from the office along with tender form. Sale of tender forms will be closed at 1 PM on 28/06/2017.DD/Cheque /Postage stamps etc. will not be accepted towards the cost of the tender forms not will forms be sent by VPP. Duplicate tender forms, if required will be issued at Rs.525/- per copy.As per condition the tenderer should send along with his tender an priliminary agreement executed and signed in Kerala Stamp paper value of Rs.200/- and Earnest money deposit 1% of the total cost of articles tendered. Tenders without agreement, tender form and Earnest money deposit will be rejected.

PRINCIPAL

NB. The format of agreement is attached in page No. 8 of the tender form.

DEPARTMENT OF TECHNICAL EDUCATION
GOVERNMENT ENGINEERING COLLEGE,WAYANAD

No.D1/2396/17/GECWYD Dated: **30**/05/2017

The Principal,

Govt. Engineering College Wayanad,

Mananthavady, Thalappuzha - 670644

Phone: 04935 271261 Web:www.gecwyd.ac.in/downloads/tenders

TENDER NOTICE

supply of 3D Printer for the use of Mechanical Engineering department in Government Engineering College,Wayanad.

Cost of tender form original	:1000/-+5%vat=1050/-
Cost of tender for duplicate	:525/-
By Post(Original)	:1085/-
Last date and time of scale of tender form	:28/06/2017 at 1.pm
Last date and time receipt of tender	:28/06/2017 at 2.pm
Date and time of opening of tender	:28/06/2017 at 3.pm

PAC:472500/-

EMD:Rs.4725/-

Dr. Abdul Hameed KM

Principal

- Copy to
- 1.The Additional Director of Public Relations,TVPM
 - 2.The Superintendent,Govt.Presses,TVPM
 - 3.Publishing for College website
 - 4.SF&OC

Detailed item with specification

Item with Specification	QTY
3D Printer	
Technology	Fused Deposition Modeling(FDM)Dual extrusion print head with a unique auto-nozzle lifting system and swappable print cores
Build olume	Left Nozzle:215x215x200mm(8.5x8.5x7.9 inches)Right Nozzle:215x215x200mm(8.5x8.5x7.9 inches) Dual material:197x215x200 mm(7.8x8.5x7.9 inches)
Filament Diameter	2.85mm
Layer Resolution	0.4mm nozzle:20-200 micron
XYZ accuracy	12.5,12.5,2.5micron
Print head travel speed	30-300 mm/s
Build speed	0.40 nozzle:up to 16 mm ³ /s
Build plate	Heated glass build plate
Build plate temperature	20-100°C
Build plate leveling	Active leveling
Supported materials	Nylon,PLA,ABS,CPE,PVA
Nozzle diametter	0.4mm
Nozzle temperature	180-280°C
Build plate heat up time	<4 MIN (20->60°c)
Nozzle heat up time	<2 min
Operating sound	50dBA
Material recognition	Material recognition with NFC Scanner
Connectivity	Wi.Fi,LAN,USB Port
Monitoring	Live camara

Physical dimensions	
Dimensions	342x380x389 mm(13.5x15.0x15.3 inches
Dimensions(with bowden tube and spool holder)	342x505x588 mm (13.5x19.9x23.1 inches
Net weight	10.6kg(374 pounces)
Shipping weight	15.5kg(547 ounces)
Shipping box dimension	390x400x565 mm(15.5x15.7x22.2 inches)
Power requirements	
Input	100-240v 4A,50-60Hz
Output	221W max 24 VDC,9.2A
Ambient conditions	
Operating ambient temperature	15-32°C,10-90%RH non condensing
Non operating temperature	0-32°C
Software	
Supplied software	Free print preparation software
Supported OS	macos, windows and linex
File types	STL,OBJ and 3MF
Warranty	One year

PRINCIPAL
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