

COLLEGE OF ENGINEERING, ADOOR, KERALA - 691 551.
(Managed by IHRD, A Govt. of Kerala undertaking)

Phone : 91-4734 - 231995,230640
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No. A3/4297/2020-21/CEA

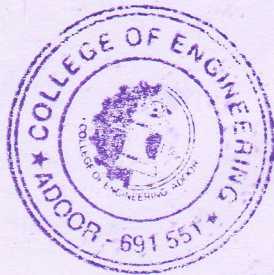
Dated: 30 .12.2020


TENDER NOTICE

Tender No. 04/2020-21, Purchase of Metallography Image Analysis Software System.

Last date and time for receipt of tender : 12.01.2021 3 PM
Date and time for opening of tender : 13.01.2021 11 AM
Price of tender form : Rs. 400/- + GST Rs. 72/- (18%)
Price of Duplicate copy : Rs. 200/- + GST Rs. 36/- (18%)
Address of Purchasing Officer from whom tender forms are to be obtained and to whom tenders are to be sent : The Principal
College of Engineering, Adoor
Kerala 691551
EMD : 1% of amount quoted

Tender documents can be had from the Principal on payment of the prescribed cost at the counter in cash or by post (postage extra Rs. 35/- for one tender form) sending a DD for the amount payable at Adoor in favor of the Principal, College of Engineering, Adoor - 691551. Details will be available in College website: <http://www.ceador.ihrd.ac.in>.

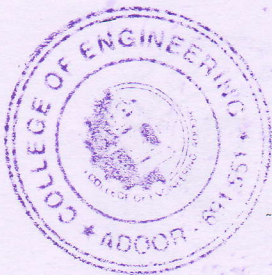


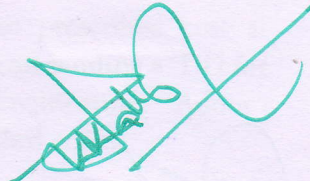

B) PRINCIPAL
Principal -
College of Engineering
Manakkala P.O, Adoor-691551

List of items and Specification

SI No	Item & Specification	Qty
1	<p><u>Metallography Image Analysis Software System</u> Enhanced Image Processing (For Integrating with the Microscope) Phase Analysis: As per ASTM E562 Quantifies volume % like Graphite, Pearlite, Ferrite, Martensite, Retained Austenite, carbide, Porosity etc.. Grain size: As per ASTM E112 Standard methods like Planimetric, Heyn Intercept, Hillard/Abrams circle intercept and manual grain analysis ALA grain size (ASTM E930) analysis. Inclusion rating measurement as per ASTM E45 Standard, Dendrite Arm Spacing for Aluminium, Decarburization as per ASTM E1077, Particle size analysis, Coating Thickness, Nodules: Nodularity Percentage, nodule count and graphite size classes according to valid standards (ASTM A247), Graphite Flakes: Maximum flake length measurement and Form Types (ASTM A 247) Measurements: like length, area, radius, distance Report Generation: Exports to MS Office Excel</p>	1 No.
	Camera:3.1 MP CMOS	
2.	Etching solution for Ferrous alloys (Nital/Picral)	500 ml

1. Rate: Should be inclusive of all taxes and duties.
2. Delivery should be made at site College of Engineering, Adoor
3. Warranty :- 1 year.
4. Payment : 100% after successful testing
5. Security Deposit : 5% of the contract amount




PRINCIPAL
Principal
 College of Engineering
 Manakkala P.O, Adoor-691551