



**NATIONAL INSTITUTE FOR RESEARCH AND DEVELOPMENT
IN ELECTRICAL ENGINEERING
INC DIE ICPE-CA**

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**FILE FOR REQUIREMENT for:
INTEGRATED SYSTEM FOR PHYSICAL PROPERTIES
MEASUREMENT**

DATE OF AUCTION: April 11, 2008

GENERAL MANAGER,

Prof.dr.Wilhelm KAPPEL

TECHNICAL REQUIREMENTS

Application field: measurement of the physical properties of the materials

Technical requirements for Base system:

- Temperature range : -250⁰C ... + 120⁰C
- Magnet: 9T
- Continuous Temperature Control
- Dedicate software included

Application Modules:

- AC Susceptibility & DC Magnetization Option
- Magnetic moment measurements by magnetic torque
- Ultra low field measurements (< 0,1 Oe)
- Heat Capacity
- Measurement of thermal conductivity and Seebeck coefficient
- Measurement of Hall effect , AC electrical resistivity, critical current, I-V Curve Tracing
- Multi function probe with thermometer
- Cooling system with external compressor, to reduce the need for liquid helium.

Warranty: min. 12 months

Service after warranty period

Training: minim 3 days x 2 persons

Delivery term: max. 12 weeks after the signing of the contract

FINANCIAL REQUIREMENTS

- The payment will be from the budget of a National Project, as follow:
 - 30% of the value in 10 days after the signing of the contract
 - 70 % of the value in 30 days after the reception in INCDIE ICPE – CA

Eligibility requirement:

- Letter of credit for 5000 Euro in the favor of INCDIE ICPE – CA
- Declaration of compliance
- The last abbreviated balance sheet
- Information about turnover in the last three years
- Certificate of incorporation the company in their homeland
- General information
- Recommendation from other beneficiaries/customers
- Authorization for the delivery of product
- Declaration of Conformity for the product
- Information regarding environment security

The offer is valid 60 days from the date of fall out.

The criteria used for choose: the best technical and economical offer

Criteria	Points
1. technical characteristics	50
2. price	30
3. delivery terms	10
4. payment	10
TOTAL	100