

Ministry Of Industry and Minerals
IRAQ GEOLOGICAL SURVEY
Announcement of tender No 5/T/GS/2013 to supply The Sputter And
Carbon Thread Coater

The Iraq Geological Survey invites all suppliers of the proper experience and specialization to participate in above tender **to supply The Sputter And Carbon Thread Coater** attend to the commercial department at the authority head office located in Baghdad –Andulos Square near Ibn al-Nafees hospital to obtain a copy of the tender documents which includes the technical specification required and conditions against amount of(50000)Iraqi dinars (non-refundable)or they can visit our www.geosurviraq.com (www.industry.gov.iq) note that the closing date on website Sunday 28/4/2013 at the end of official work , in case the closing date considered to be a holiday the date will be shifted to the next day.

Offers should be present in three sealenvelopes and to fix on it the name of company and the No. of tender, name of material, the first is technical; the second is commercial and the third is consisting from the following documents:

- 1- A copy of registration certificate issued by the ministry of trade
 - 2-Bid bond with rate of (1%) from the value of the offer submitted by a certified cheque or bank guarantee trusted from an Iraqi bank or documents of loan issued on behalf of the Iraqi government provided to complete the remaining 5 % from the value of the offer submitted when awarding the tender.
 - 3- A letter of UN reluctant issued by the tax department to allow the company to participate in tender valid for this year.
 - 4- list of similar work legalized by the relevant contractual parties
 - 5- Original copy of purchase receipt of tender
 - 6- If a supplier is a bureau, a copy of membership card to one of the chambers of commerce inside Iraq must be presented which should be valid for this year.
- The bidder who wins the tender will bear the fees of the last advertisement.
 - The authority is not obliged to accept the lower price.
 - The authority invites all participants in order to attend the conference which shall be carried out in its head office in order to reply on the inquiries at (10) o'clock am and before seven days from the closing date.

Note:

The project within the investment plan article 2 type1 details of the type 5 sequence1

Dr.Khaldoon Subhi AL-Bassam
Director General

Technical Specifications of the Sputter and Carbon Thread Coater

Sputter and Carbon Thread Coater

Basic Unit consisting of:

- Metal vacuum chamber
- Integrated power supplies for sputtering and carbon thread
- Height adjustable specimen table to hold 18 SEM Stubs
- Removable door with large exchangeable safety glass window
- Mains cable
- Sputter head and Carbon head
- Easily exchangeable no tool required
- Torx wrench for loading carbon thread
- Brush for cleaning thread remains from head
- 3.5m carbon thread spool
- Automated target shutter, easily removable
- Touch screen
- Triple safety system (door, cover and software sensors)
- Cable for pump connection
- Operating manual
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Rotary Vane Pump

Nominal pumping speed: 5 m³/h 100 - 230 V / 50 - 60 Hz

Oil Mist filter

For connection to the exhaust port of the rotary vane pump

- Clamping ring
- O - ring for connection to the rotary vane pump

Vacuum Connection Hose

Vacuum hose with embedded polyester coil, 028mm, length 1.5m which connects the rotary vane pump to the coater. One clamping ring and one o-ring for connection to the rotary vane pump included.

QSG

Fully integrated layer thickness monitor

Quartz head with snap plug

Quartz head holder

Set of quartz crystals (Pack of 10)

Glow Discharge Unit

for Sputter Carbon Thread Coater

Integrated power supply adaptation for glow discharge

Large area glow discharge electrode

Spare electrode for exchanging and cleaning

Foil Targets

Diameter: 54 mm, Gold for Sputtering Instruments, Gold, 99.9%, 19.3 g/cm³, 0.17 mm

Carbon Thread

Spool of carbon thread to produce a carbon coatings with pulse or flash evaporation. Length: 25,0 m

Table for Glass Slides

Exchangeable table with recess to hold a glass slide (76x26mm).

Easy screw on mechanism to exchange the table.

Spare parts:

Recommended spare parts (recommended by supplier) for 3 years operation.

Warranty:

One year from the time of accepting the installation and commissioning.

Installation and commissioning in the GEOSURV labs.

Quantity:

One complete system

Origin:

UK