

ADVT. FORMAT for the Tender Notice

**For: Institute Website**

**CENTER FOR HEALTHCARE SCIENCE & TECHNOLOGY**

Indian Institute of Engineering Science and Technology, Shibpur; Howrah-711103

**Tender Advt. No -WEB/IIEST/CHEST/17-18/02**

**Dated: 08.05.2017**

Sealed tenders are invited by the Centre for Healthcare Science & Technology, Indian Institute of Engineering Science and Technology, Shibpur, Howrah-711103 from the original manufacturers/ sole authorized dealers/ country representatives/ vendors for the supply of Laboratory chemicals/utilities for DST INSPIRE research grant.

Tender Documents containing details of the items and terms and conditions may be downloaded from the university website and completed bidding documents are to be submitted to the **Head, Centre for Healthcare Science & Technology, Indian Institute of Engineering Science and Technology, Shibpur; Howrah-711103** or dropped into the **Tender Box** kept in the Center. **Last date is seven days from publication.**

**Head (CHST)**

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| Sl. No. | Product Name                     | Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                  |
|---------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| 1       | Ms monoclonal anti-e-cadherin    | <b>Tested applications</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Suitable for:</b> Flow Cyt, ICC, IP, IHC-P, IHC-Fr, ICC/IF, WB                |
|         |                                  | <b>Species reactivity</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Reacts with:</b> Human<br><b>Does not react with:</b> Mouse, Rat              |
|         |                                  | <b>Immunogen</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Breast tumor cell line MCF-7                                                     |
| 2       | Goat Anti-Rabbit IgG-HRP         | <b>Target species</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Rabbit, Mouse, Rat and Sheep Serum Proteins.                                     |
|         |                                  | <b>Tested applications</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Suitable for:</b> ICC/IF, IHC-P, Dotblot, WB, ELISA, Electron Microscopy, IHC |
|         |                                  | <b>Minimal cross-reactivity</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Cow, Horse, Human, Mouse, Rat, Sheep                                             |
|         |                                  | <b>Immunogen</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Rabbit IgG F(ab') <sub>2</sub> fragment                                          |
|         |                                  | <b>Conjugation</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | HRP                                                                              |
| 3       | Goat Anti-Mouse IgG-HRP          | <b>Target species</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Mouse                                                                            |
|         |                                  | <b>Tested applications</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Suitable for:</b> ICC/IF, ELISA, WB, IHC-P, IHC-Fr, Electron Microscopy       |
|         |                                  | <b>Minimal cross-reactivity</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Cow, Horse, Human                                                                |
|         |                                  | <b>Immunogen</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Full length native proteins (purified) (Mouse)                                   |
|         |                                  | <b>Conjugation</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | HRP                                                                              |
|         |                                  | <b>Equipment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Microplate Reader                                                                |
|         |                                  | <b>Detection Method</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Colorimetric                                                                     |
|         |                                  | <b>Format</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 384-well plate, 96-well plate                                                    |
| 4       | MTT assay kit                    | <b>Applications</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Cell proliferation; Cell cytotoxicity; Drug discovery                            |
| 5       | Rb monoclonal Caspase-3 antibody | <b>Specificity/Sensitivity:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Endogenous                                                                       |
|         |                                  | <b>Applications</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Western Blotting, Immunoprecipitation                                            |
|         |                                  | <b>Species Cross-Reactivity</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Human, Mouse, Rabbit, Monkey                                                     |
|         |                                  | <b>Isotype</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Rabbit IgG                                                                       |
| 6       | Incubator Oven                   | <ul style="list-style-type: none"> <li>• <b>Outer Construction:</b> MS powder coated.</li> <li>• <b>Inner Construction :</b> The inner walls of the incubator will be pasted with laminated sheet to Avoid heat loss.</li> <li>• <b>Samples viewing:</b> Transparent Acrylic/glass frame window from front.</li> <li>• <b>Inbuilt Lighting:</b> Built in lightning attachment with low wattage provided with External Switch on the front panel.</li> <li>• <b>Chamber Size in mm:</b> 170-200 lit with options for 250 ml, 500 ml and 1 lit flasks</li> </ul> |                                                                                  |

| Sl. No. | Product Name | Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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|         |              | <ul style="list-style-type: none"> <li>• <b>No. of shelves:</b> 02</li> <li>• <b>Temperature range:</b> (:- 5<sup>0</sup> C) to 60<sup>0</sup> C, Accuracy/ Uniformity: ± 0.5<sup>0</sup>C/ ± 1<sup>0</sup>C.</li> <li>• <b>Display Control :</b> Microprocessor based PID control of Accuracy ± 0.1<sup>0</sup>C by using PT 100 Sensor.</li> <li>• <b>Speed Indicator:</b> Digital Speed Indicator on the front panel.</li> <li>• <b>Drive Mechanism:</b> The drive mechanism powered by a permanent Magnet Geared D.C. motor with</li> <li>• <b>Amplitude:</b> 25 mm dia Orbital motion.</li> <li>• <b>Shaking Speed:</b> 20 – 250 Orbital strokes per min</li> <li>• <b>Air Circulation:</b> By forced convection system</li> <li>• <b>Insulation:</b> By High density PUF insulation</li> <li>• <b>Operations:</b> Nearly silent operation with ultra-low vibration</li> <li>• <b>High Voltage Protection:</b> Through automatic voltage stabilizer (Optional)</li> <li>• <b>Electric Supply:</b> 220/230V AC, 50/60Hz</li> <li>• <b>Chamber sterilization</b> By U.V. germicidal tube.</li> </ul> |