

**TENDER FOR LABORATORY CHEMICALS AND EQUIPMENTS FOR DST SERB  
SPONSERED PROJECT AT DEPARTMENT OF HORTICULTURE, SIKKIM  
UNIVERSITY, GANGTOK**

Ref. No.: SU/2017/R-PROJ/DDVAPWESH/KDB/3307

Dated: 21/07/2017

Sealed Quotations in prescribed format are invited by Dr. Karma Diki Bhutia (P.I) /Assistant Professor, Department of Horticulture, Sikkim University from Authorized Agents/Indian Manufacturers/ Dealers/ Registered Firms etc. for the supply of the following chemicals/glasswares/plasticwares etc., required for the project at Department of Horticulture, Sikkim University.

**PROJECT DETAILS:** Supply of laboratory chemicals/glasswares/plasticwares etc. at Department of Horticulture for the Project entitled “**Development of Diversified Value Added Products from Wild Edible Fruits of Sikkim Himalayas**”

## Limited Tender Notice for Chemicals

| Sl.no | CHEMICALS   | BRAND             | Quantity | Unit Price<br>(in figures<br>and words) |
|-------|---|-------------------|----------|---|
| 1     | Nitric acid   | HIMEDIA           | 2000 ml  |   |
| 2     | Perchloric acid   | HIMEDIA           | 2000 ml  |   |
| 3     | Aluminium chloride AlCl <sub>3</sub>  | HIMEDIA           | 2000 g   |   |
| 4     | Quercetin   | HIMEDIA           | 1000 g   |   |
| 5     | Fehling solution A  | HIMEDIA           | 1000 ml  |   |
| 6     | Fehling solution B  | HIMEDIA           | 1000 ml  |   |
| 7     | Methylene blue indicator  | HIMEDIA           | 250 ml   |   |
| 8     | 70% ethanol   | HIMEDIA           | 5000 ml  |   |
| 9     | Neutral lead acetate  | Merck             | 1000 g   |   |
| 10    | Potassium oxalate solution  | HIMEDIA           | 1000 g   |   |
| 11    | Phenolphthalein indicator   | HIMEDIA           | 250 ml   |   |
| 12    | Hydrochloric acid   | HIMEDIA           | 1000 ml  |   |
| 13    | Acetone   | MERCK             | 5000 ml  |   |
| 14    | Petroleum ether   | HIMEDIA           | 1000 ml  |   |
| 15    | Granular anhydrous sodium sulphate  | MERCK             | 500 gm   |   |
| 16    | Magnesium oxide IP015-500G H  | HIMEDIA           | 1000 g   |   |
| 17    | Metaphosphoric acid   | LOBA              | 2000 g   |   |
| 18    | Sodium bicarbonate  | HIMEDIA           | 2000 g   |   |
| 19    | 2,6 dichlororophenol indophenol   | HIMEDIA           | 100 g    |   |
| 20    | Ascorbic acid   | HIMEDIA           | 500 gm   |   |
| 21    | Folin-Ciocalteu Reagent (FCR)   | HIMEDIA           | 1000 ml  |   |
| 22    | Sodium carbonate  | HIMEDIA           | 2000 g   |   |
| 23    | Potassium chloride buffer, pH 1.0   | Any reputed brand | 500 ml   |   |
| 24    | Sodium acetate buffer, pH 4.5   | Any reputed brand | 1000 ml  |   |
| 25    | ICP-MS CALIBRATION STANDARD NO 3. (30 ELEMENTS)<br>Matrix per Volume: 5% HNO <sub>3</sub><br>per 125 mL, Concentration OF ELEMENT:<br>10µg/mL | Perkin Elmer      | 100 ml   |   |
| 26    | Sodium benzoate GRM1260-500G  | HIMEDIA           | 1000 g   |   |

**Limited Tender Notice for glasswares/ plasticwares etc.**

| <b>Sl. No</b> | <b>Consumables</b>  | <b>Brand</b>      | <b>Size</b>             | <b>Quantity</b> | <b>Unit Price<br/>(in figures<br/>and words)</b> |
|---------------|---|-------------------|-------------------------|-----------------|--|
| 1.            | Tamper proof vacuum sealer bags (food grade)                      | Any reputed brand | 6"x10"                  | 250g            |  |
| 2.            | Tamper proof vacuum sealer bags (food grade)                      | Any reputed brand | 8"x12"                  | 250g            |  |
| 3.            | Narrow mouthwash bottles  | TARSON            | 500 ml                  | 25              |  |
| 4.            | Narrow mouthwash bottles  | TARSON            | 1000 ml                 | 25              |  |
| 5.            | Test tubes with Rim   | Borosil           | 20 ml                   | 36              |  |
| 6.            | Test tube rack  | TARSON            |                         | 5               |  |
| 7.            | Glass Beakers   | Borosil           | 500 ml                  | 10              |  |
| 8.            | Glass Beakers   | Borosil           | 250 ml                  | 10              |  |
| 9.            | Plastic Beaker with handles (autoclavable)                        | Any reputed brand | 500 ml                  | 10              |  |
| 10.           | Juice bottles (PET with cap) Food grade                           | Any reputed brand | 500 ml                  | 100             |  |
| 11.           | Juice bottles (PET with cap) Food grade                           | Any reputed brand | 250 ml                  | 100             |  |
| 12.           | Aluminium tray  | Any reputed brand | 60x40 cm                | 1               |  |
| 13.           | Aluminium tray  | Any reputed brand | 40 x30 cm               | 2               |  |
| 14.           | Aluminium tray  | Any reputed brand | 30 x 20 cm              | 2               |  |
| 15.           | Filter paper(Whatman No.1)  | Whatman           | 90 mm                   | 3               |  |
| 16.           | Edible Filter paper (Roll)  | Whatman           | 125 mm                  | 1 kg            |  |
| 17.           | Colour chart (Standard reference for plant colour identification) | RHS               |                         | 1               |  |
| 18.           | Burette stand with clamp  | TARSON            |                         | 2               |  |
| 19.           | Shrink wrap roll (food grade)                                     | Any reputed brand | 10 X 500 PVC (75 GAUGE) | 2 ROLLS         |  |

**Terms & Conditions:**

1. The NIQ is open from the date of uploading of the same in the official website of Sikkim University at [www.cus.ac.in](http://www.cus.ac.in)
2. The quotations will be received till: -- 21/08/2017. (02:00 P.M).
3. Only prescribed format, to be downloaded from Sikkim University website [www.cus.ac.in](http://www.cus.ac.in) shall be considered.
4. An amount of Rs.500/- (non-refundable) as the cost of downloaded quotation form and Earnest Money Deposit (EMD-refundable) i.e. Rs. 6400/- pledged in favour of Sikkim University by Demand Draft payable at Gangtok should also be sent along with quotation
5. The sealed quotations will be opened on: 21/08/2017 (03:00 P.M)
6. All bidding documents must be sent to the University in a sealed format by registered or speed post or hand delivered to the Department of Horticulture, Sikkim University, 6th Mile, Tadong, Gangtok, Sikkim. Pin: 737102 on or before the last date.
7. The envelope should be super scribed as Supply of laboratory equipments, chemicals/glasswares etc. at Department of Horticulture for the Project entitled **“Development of Diversified Value Added Products from Wild Edible Fruits of Sikkim Himalayas”**.
8. The University reserves the right to accept or reject quotation in whole or in part in the manner decided by the Departmental Purchase Committee, whose decision shall be final and binding.
9. All quotes must be inclusive of all taxes and duties and FOR destination at laboratory site in Gangtok. No separate freight shall be chargeable under any circumstances.
10. Rate quoted should be valid for at least three months.
11. The payment for items will be done after receiving the items in good condition.

**Note: Annexure I & II should be submitted in the official letter head of the firm.**

**ANNEXURE-I**

**COMPANY PROFILE AND FEE DETAILS**

**Ref. No.:** \_\_\_\_\_ **Dated:** \_\_\_\_\_

**LIMITED TENDER NOTICE – supply and installation chemicals, glasswares, plasticwares etc for SERB (DST) Project at Department of Horticulture, Sikkim University**

**Bidding company reference no.:** ..... **Dated:** .....

**FOLLOWING DETAILS ARE TO BE FURNISHED BY THE BIDDING FIRM**

1. Name of the Firm:
2. Address of the Firm:
3. Contact no:
4. Email address:
5. Registration details:
6. Permanent Account Number:
7. Service Tax registration details:
8. Bank Account details including Account Number, Bank name, Branch name & IFSC code:
9. Application fee details – Name of Bank..... DD no .....
- Date: .....
10. EMD fee details-
- Name of the bank.....
- Date .....
- Amount .....

**Note: Copies of the relevant documents are to be enclosed along with this annexure.**

**DECLARATION:**

I/We hereby declare that I/We have read & understood all the terms & conditions mentioned in the Notice Inviting the sealed quotations and I/We undertake myself/ourselves to abide by them.

I/We further, declare that all the information given above are true.

**Name:**

**[Official Seal]**

**Designation:**

**Signature:**

**Place:**

**Date:**

**ANNEXURE II**

**TECHNICAL AND FINANCIAL BID**

Ref. No.: [REDACTED] Dated: [REDACTED]

**LIMITED TENDER NOTICE – supply and installation of Laboratory Equipments for  
SERB (DST) Project at Department of Horticulture, Sikkim University**

Bidding company reference no.: ..... dated: .....

| <b>Sl.no</b> | <b>Chemicals</b> | <b>Quantity</b> | <b>Product make<br/>and model</b> |
|--------------|------------------|-----------------|-----------------------------------|
| 1            | Nitric acid      | 2000 ml         |                                   |

|    |   |         |  |
|----|---|---------|--|
| 2  | Perchloric acid                                 | 2000 ml |  |
| 3  | Aluminium chloride AlCl <sub>3</sub>            | 2000 g  |  |
| 4  | Quercetin                                       | 1000 g  |  |
| 5  | Fehling solution A                              | 1000 ml |  |
| 6  | Fehling solution B                              | 1000 ml |  |
| 7  | Methylene blue indicator                        | 250 ml  |  |
| 8  | 70% ethanol                                     | 5000 ml |  |
| 9  | Neutral lead acetate                            | 1000 g  |  |
| 10 | Potassium oxalate solution                      | 1000 g  |  |
| 11 | Phenolphthalein indicator                       | 250 ml  |  |
| 12 | Hydrochloric acid                               | 1000 ml |  |
| 13 | Acetone   | 5000 ml |  |
| 14 | Petroleum ether                                 | 1000 ml |  |
| 15 | Granular anhydrous sodium sulphate              | 500 gm  |  |
| 16 | Magnesium oxide IP015-500G H                    | 1000 g  |  |
| 17 | Metaphosphoric acid                             | 2000 g  |  |
| 18 | Sodium bicarbonate                              | 2000 g  |  |
| 19 | 2,6 dichlorophenol indophenol                   | 100 g   |  |
| 20 | Ascorbic acid                                   | 500 gm  |  |
| 21 | Folin-Ciocalteu Reagent (FCR)                   | 1000 ml |  |
| 22 | Sodium carbonate                                | 2000 g  |  |
| 23 | Potassium chloride buffer, pH 1.0               | 500 ml  |  |
| 24 | Sodium acetate buffer, pH 4.5                   | 1000 ml |  |
| 25 | ICP-MS CALIBRATION STANDARD NO 3. (30 ELEMENTS) | 100 ml  |  |
| 26 | Sodium benzoate GRM1260-500G                    | 1000 g  |  |



| <b>Sl. No</b> | <b>Item Details</b>   | <b>Quantity</b> | <b>Product make and model</b> |
|---------------|---|-----------------|-------------------------------|
| 1.            | Tamper proof vacuum sealer bags (food grade)                      | 250g            |                               |
| 2.            | Tamper proof vacuum sealer bags (food grade)                      | 250g            |                               |
| 3.            | Narrow mouthwash bottles  | 25              |                               |
| 4.            | Narrow mouthwash bottles  | 25              |                               |
| 5.            | Test tubes with Rim   | 36              |                               |
| 6.            | Test tube rack  | 5               |                               |
| 7.            | Glass Beakers   | 10              |                               |
| 8.            | Glass Beakers   | 10              |                               |
| 9.            | Plastic Beaker with handles (autoclavable)                        | 10              |                               |
| 10.           | Juice bottles (PET with cap) Food grade                           | 100             |                               |
| 11.           | Juice bottles (PET with cap) Food grade                           | 100             |                               |
| 12.           | Aluminium tray  | 1               |                               |
| 13.           | Aluminium tray  | 2               |                               |
| 14.           | Aluminium tray  | 2               |                               |
| 15.           | Filter paper(Whatman No.1)  | 3               |                               |
| 16.           | Edible Filter paper (Roll)  | 1 kg            |                               |
| 17.           | Colour chart (Standard reference for plant colour identification) | 1               |                               |
| 18.           | Burette stand with clamp  | 2               |                               |
| 19.           | Shrink wrap roll (food grade)                                     | 2 ROLLS         |                               |

**DECLARATION:**

I/We hereby declare that I/We have read & understood all the terms & conditions mentioned in the Notice Inviting the sealed quotations and I/We undertake myself/ourselves to abide by them. I/We further, declare that all the information given above are true and the quoted products are in compliance to the item specifications listed above in Annexure II (Technical and Financial Bid)

**Name:**

**Designation:**

**Signature:**

**[Official Seal]**

**Place:**

**Date:**