



F.No.1-697/15-16/ST

Date: 01-02-2016

### Corrigendum

To

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#### Sub: Quotation for “Purchase of Leaf Area Meter”:- reg.

Sir,

In continuation of this office Enquiry No.1-697/15-16/ST dated 28.01.2016 for “Purchase of Leaf Area Meter”(Both Technical & Financial bid) may be read as below:

#### Technical bid:-

| Sl. No. | Specifications  | Quantity | Yes/No |
|---------|---|----------|--------|
| 01      | <p><b>Specification of Leaf Area Meter</b><br/>Portable Non Destructive Leaf Area Measurement in the Field</p> <ul style="list-style-type: none"><li>Scanning Head: LED light source</li><li>Resolution: 1mm<sup>2</sup> ( 1mm X 1mm scanning area);</li><li>Accuracy: Within +/-2%;</li><li>Display Capacity: (Area &gt;100000 cm<sup>2</sup>; length&gt;100 cm Width: .10 cm )</li><li>Display: LCD,</li><li>Memory Capacity: Data Storage for &gt; 50000 Leaf Measurements</li><li>Internal Memory: More than 2 MB or more Flash Memory</li><li>Communication : RS- 232/ USB</li><li>Power Requirement: Rechargeable battery</li><li>Battery Capacity: 15 hours of continuous</li><li>RS-232 Serial Cable, Communications Software for Computer</li></ul> <p>Conveyer Belt Accessory for Lab Use: For Leaf Area Measurement of Plucked Leaves in the Laboratory</p> <ul style="list-style-type: none"><li>Conveyer Belt Speed : 5.4cm s<sup>-1</sup> at 50 HZ.;</li><li>Transparent Belts: Rugged Clear vinyl;</li><li>Operating Temp: 0-55° C;</li><li>Power Requirement: 216-252 VAC</li></ul> | 1 No.    |        |

Before submitting the quotation you are requested to read the detailed instructions mentioned overleaf.

Date: \_\_\_\_\_

Signature & Seal of the Firm

Email: \_\_\_\_\_

Ph .No (Office): \_\_\_\_\_

Cell: \_\_\_\_\_

Instead of

Technical bid

| Sl. No. | Specifications   | Quantity | Yes/No |
|---------|--|----------|--------|
| 01      | <p><b><u>Specifications of Leaf Area Meter</u></b></p> <ul style="list-style-type: none"><li>• <b>Sensitivity:</b> Typically 7 <math>\mu\text{A}</math> per 1000 <math>\mu\text{mol s}^{-1} \text{m}^{-2}</math>.</li><li>• <b>Linearity:</b> Maximum deviation of 1% or less up to 10,000 <math>\mu\text{mol s}^{-1} \text{m}^{-2}</math>.</li><li>• <b>Stability:</b> <math>&lt; \pm 2\%</math> change over a 1 year period.</li><li>• <b>Response Time:</b> 10 <math>\mu\text{s}</math>.</li><li>• <b>Temperature Dependence:</b> <math>\pm 0.15\%</math> per <math>^{\circ}\text{C}</math> maximum.</li><li>• <b>Azimuth:</b> <math>&lt; \pm 2\%</math> error over <math>360^{\circ}</math> at <math>45^{\circ}</math> elevation.</li><li>• <b>Sensitivity Variation over Length:</b> <math>\pm 7\%</math> maximum using a 1" wide beam from an incandescent light source.</li><li>• <b>Sensing Area:</b> 1 meter L <math>\times</math> 12.7 mm W (39.4" <math>\times</math> 0.50") or more</li><li>• <b>Detector:</b> High stability silicon photovoltaic detector (blue enhanced).</li><li>• <b>Sensor Housing:</b> Weather proof anodized aluminum case with acrylic diffuser and stainless steel hardware.</li><li>• <b>Size:</b> 116 L <math>\times</math> 2.54 W <math>\times</math> 2.54 cm D (45.5" <math>\times</math> 1.0" <math>\times</math> 1.0").</li><li>• <b>Cable Length:</b> 3.0 m (10.0 ft.) or more</li><li>• Data Logger (battery operated), RS232 serial cable, appropriate software</li></ul> | 1 No.    |        |

Before submitting the quotation you are requested to read the detailed instructions mentioned overleaf.

Date: \_\_\_\_\_

Signature & Seal of the Firm

Email: \_\_\_\_\_

Ph .No (Office): \_\_\_\_\_

Cell: \_\_\_\_\_

The other specifications, Terms & Conditions remains the same. Accordingly, the fresh document of Technical bid & Financial bid may be downloaded from the website.

Yours faithfully

(Saroj Kumar Singh)  
Administrative Officer

### Financial bid

| Sl. No. | Specifications  | Qty   | Yes/<br>No | Total Amount<br>(Including<br>Taxes) |
|---------|---|-------|------------|--------------------------------------|
| 01      | <p><b><u>Specification of Leaf Area Meter</u></b></p> <p>Portable Non Destructive Leaf Area Measurement in the Field</p> <ul style="list-style-type: none"><li>• Scanning Head: LED light source</li><li>• Resolution: 1mm<sup>2</sup> ( 1mm X 1mm scanning area);</li><li>• Accuracy: Within +/-2%;</li><li>• Display Capacity: (Area &gt;100000 cm<sup>2</sup>; length&gt;100 cm Width: .10 cm )</li><li>• Display: LCD,</li><li>• Memory Capacity: Data Storage for &gt; 50000 Leaf Measurements</li><li>• Internal Memory: More than 2 MB or more Flash Memory</li><li>• Communication : RS- 232/ USB</li><li>• Power Requirement: Rechargeable battery</li><li>• Battery Capacity: 15 hours of continuous</li><li>• RS-232 Serial Cable, Communications Software for Computer</li></ul> <p>Conveyer Belt Accessory for Lab Use: For Leaf Area Measurement of Plucked Leaves in the Laboratory</p> <ul style="list-style-type: none"><li>• Conveyer Belt Speed : 5.4cm s<sup>-1</sup> at 50 HZ.;</li><li>• Transparent Belts: Rugged Clear vinyl;</li><li>• Operating Temp: 0-55° C;</li><li>• Power Requirement: 216-252 VAC</li></ul> | 1 No. |            |                                      |

**Note:**

- 1) Items should be delivered at IIMR.
- 2) Sales tax/VAT should be indicated clearly.
- 3) Prices should be quoted only in Indian rupees.

We are herewith undertaking that the details provided above are true and to abide by the terms and conditions contained in the bid document of IIMR.

Signature of authorised official  
(With seal and stamp)

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Instead of

**Financial bid**

| Sl. No. | Specifications   | Qty   | Yes/<br>No | Total Amount<br>(Including<br>Taxes) |
|---------|--|-------|------------|--------------------------------------|
| 01      | <p><b><u>Specifications of Leaf Area Meter</u></b></p> <ul style="list-style-type: none"><li>• <b>Sensitivity:</b> Typically 7 <math>\mu\text{A}</math> per 1000 <math>\mu\text{mol s}^{-1} \text{m}^{-2}</math>.</li><li>• <b>Linearity:</b> Maximum deviation of 1% or less up to 10,000 <math>\mu\text{mol s}^{-1} \text{m}^{-2}</math>.</li><li>• <b>Stability:</b> <math>&lt; \pm 2\%</math> change over a 1 year period.</li><li>• <b>Response Time:</b> 10 <math>\mu\text{s}</math>.</li><li>• <b>Temperature Dependence:</b> <math>\pm 0.15\%</math> per <math>^{\circ}\text{C}</math> maximum.</li><li>• <b>Azimuth:</b> <math>&lt; \pm 2\%</math> error over <math>360^{\circ}</math> at <math>45^{\circ}</math> elevation.</li><li>• <b>Sensitivity Variation over Length:</b> <math>\pm 7\%</math> maximum using a 1" wide beam from an incandescent light source.</li><li>• <b>Sensing Area:</b> 1 meter L <math>\times</math> 12.7 mm W (39.4" <math>\times</math> 0.50") or more</li><li>• <b>Detector:</b> High stability silicon photovoltaic detector (blue enhanced).</li><li>• <b>Sensor Housing:</b> Weather proof anodized aluminum case with acrylic diffuser and stainless steel hardware.</li><li>• <b>Size:</b> 116 L <math>\times</math> 2.54 W <math>\times</math> 2.54 cm D (45.5" <math>\times</math> 1.0" <math>\times</math> 1.0").</li><li>• <b>Cable Length:</b> 3.0 m (10.0 ft.) or more</li><li>• Data Logger (battery operated), RS232 serial cable, appropriate software</li></ul> | 1 No. |            |                                      |

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Signature of authorised official  
(With seal and stamp)

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

The other specifications, Terms & Conditions remains the same. Accordingly, the fresh document of Technical bid & Financial bid may be downloaded from the website.

Yours faithfully

(Saroj Kumar Singh)  
Administrative Officer