

DEPARTMENT OF BOTANY,

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LIMITED TENDER ENQUIRY

Under Two Bid Systems

(Total 04 pages)

Subject:- Limited tender enquiry for the supply of Equipments / Instruments for Research Project in the Department of Botany.

Sealed quotations are invited from the manufacturers/ suppliers. The competitive rates for the supply and installation of instruments/ equipment with the desired specifications as mentioned ahead, in the prescribed proforma as per Annexure-I. Bidder must carefully peruse the general terms and conditions for the supply of the equipment/ instrument'

The sealed quotations in two bid system i.e., specifications and offer price in two separate sealed envelopes, put in one envelope and duly sealed, should reach to Dr. S K. Pandey, P.I. of the Project, Department of Botany, Guru Ghasidas Vishwavidyalaya, Koni, Bilaspur-495009 (C.G) on or before 23/09/2015, up to 6 PM through speed /registered post only. Received quotations shall be opened on 30 September 2015 in the Department of Botany, GGV, Bilaspur.

S.No.	Name of the article	Description/Specification of the article	Quantity
01	Dynamic enclosure chamber (for plant leaf and canopy measurements)	Size: 0.60 m in height, 0.35m of diameter in cylindrical shape (having internal volume of nearly 58 L) made up of Teflon; Parts: Teflon tape, Teflon coated propeller fan, inlet and outlet ports calibrated rotameter for measuring	01

		inlet & outlet flow (able to measure flow rate of 100 ml/min vacuum pump having flow rate of 100 ml/min.	
02	CO₂ /H₂O analyzer	<p>1. CO₂: Measurement Range: 0 – 10,000 ppm Housing: Aluminium enclosure; Temperature range: 0-55⁰C, Max. Gas flow rate: 1000ml/min Accuracy: <1%</p> <p>Linearity: <1% throughout the range Calibration Drift: zero drift= <0.15ppm/⁰c; Pressure compensation range=15kPa-115kPa</p> <p>2. H₂O: Measurement range: 0 – 6 %v (25 °C dew pt) non-condensing, Accuracy: <1.5%; Operating Temperature range: -20-45⁰c, Relative Humidity Range:0-95%, Total Drift at 10ppt: <0.009ppt/⁰C</p>	01
03	Temperature/light(PAR) /Humidity measuring probes*	<p>1. Temperature measurement range: -20°C - + 50°C Housing: Weatherproof anodized aluminum case with acrylic diffuser and stainless steel hardware; Cable Length: 3.0 m (10 ft)</p> <p>2. PAR Range: 0 to 2000 μmol m⁻² s⁻¹(PPFD) in full sun Output: 0-1V = 0-3000 μmol m⁻² s⁻¹ Measurement range: (400-700nm) for photosynthetic photon flux density (PPFD); Resolution :1 μmol m⁻² s⁻¹ (PPFD); Linearity: max.deviation of 1% up to 10,000 μmol s⁻¹ m⁻² Response time= 10μs; 3.</p> <p>3. Relative Humidity(Range): 0 to 100% Detector: High stability silicon photovoltaic detector . Accuracy: ±2% from 0-100% RH Repeatability: ± 1% RH</p>	01

*Note: All the measuring probes (PAR, light, temperature, and relative humidity) should be made compatible with the enclosure chamber and have to be inserted in enclosure chamber for plant emission measurements.

LIMITED TENDER ENQUIRY
GENERAL TERMS AND CONDITIONS OF THE SUPPLY

- 1.** The sealed quotation be superscripted with "**Quotation for supply of Equipments under Research Project**".
- 2. Quantity:** The quantities mentioned are indicative and may be altered at the time of placing the purchase order.
- 3. Product Leaflet/ Handbook:** Duly certified copy of the Technical brochure/leaflet etc. of the quoted equipment/ instrument must be submitted along with the quotation, by the bidder.
- 4. Authorization Certificate:** It is desired that the bidder submits, self attested authorization certificate from the principal manufacturer, for which the rate has been quoted.
- 5. Discount, if any:** special concession/discount (if any) applicable for educational institutions, if any, must be clearly mentioned in the price bid.
- 6. Excise duty exemption:** the University is exempted from Custom/Excise Duty by DSIR, Govt. of India

vide letter no. TU/V/RG-CDE (710)/2010 dated 19-1-11. The exemption certificate of the same shall be issued by the University on demand, at the time of supply. Bidder must clearly mention if any basic custom duty/ excise duty etc. is chargeable, in spite of the GGV is exempted by DSIR certificate.
- 7.** If the item is under DGS&D rate contract, the quoted price should not be more than the DGS&D rate
- 8. FOR GGV:** The rate should be quoted on F.O.R University campus, Koni, Bilaspur basis. No packing/ forwarding, unloading, transit insurance charges will be paid extra to the bidder by GGV. All extra charges have to be borne by the supplier/bidder only.
- 9. No Installation charges:** The Equipment/ Instrument must be delivered, installed and demonstrated without any extra charges from the GGV.
- 10. Validity of the offered Rate:** The quoted rate should be valid for a minimum period of 90 days from the last date of receipt of the tender, as notified.
- 11. Delivery period:** The Equipment/ Instrument, ordered will have to be delivered and installed in the Department at GGV, within 45 days from the issue of the Purchase Order.
- 12. Liquidated Damages (LD):** Any delay in supplying the ordered equipment/instrument from the stipulated date of delivery will attract LD, which will be applicable at the rate of 0.5% per week and

limited to 10% maximum. The authority reserves the right to cancel the purchase order when LD accumulates to 10%.

13. Warranty: At least one year comprehensive on-site warranty shall be applicable to the supplied equipment/instrument for all manufacturing defects from the date of satisfactory installation, commissioning, demonstration by the supplier and acceptance by GGV.

14. Performance security: The successful bidder must submit performance security of 5 % of the ordered value, on the goods/services supplied irrespective of the origin, within fifteen days of issue of purchase order in form of Demand Draft/TDR/Bank guarantee from any nationalized bank. Otherwise, the same amount will be deducted from the billed amount. On satisfactory completion of the warranty period of 01 year (12 months) or more period as offered by the bidder, Performance Security will be released without any interest on demand.

15. Payment: Bidder should not ask for advance or part payment prior to supply and successful installation. Payment to the firm shall be made, only after the supply in good condition, installation and demonstration of the equipment/instrument at GGV.

16. CST/VAT etc: CST/VAT/OCTROI/ basic custom duty etc. must be clearly mentioned along with the quoted offer, weather to be paid extra or not. GGV shall pay the same as per prevailing government rules, if mentioned in the price bid. No taxes shall be paid if not mentioned in the bid and any correspondence in this regard shall be not entertained after the price bids are opened.

17. Unsealed quotations: Quotation must be submitted in a big envelope containing two separate sealed envelopes (one for the technical specification and one for the price bid), fewer than two bid systems. Unsealed envelopes/ offers are liable to be rejected by GGV.

18. Offer after due date: GGV shall not be responsible for late postal delivery and any offer received after the due date shall be summarily rejected by GGV. You Sealed offer (two bid system) must reach on or before the scheduled due date only by the speed/registered post.

19. GGV has all the rights reserved to accept / reject any /all the quotation(s) and not to procure any/all the equipments/instruments, without assigning any reason(s) thereof.

20. The bidder should check the university website www.ggu.ac.in on a regular basis for any updates

PI of the project

Dr. Sudhir Kumar Pandey

Department of Botany, GGV, Bilaspur

Annexure-I

Limited tender enquiry (under two bid system)

Limited tender enquiry for the supply of Equipments / Instruments for Research Project in the Department of Botany.

Reference number of the firm.....

Name of the firm.....

Address of the firm.....

E-mail ID.....Mobile and Fax.....

Sir,

I hereby submit my quotation for supply of various equipments/instruments as under, in response to GGV LT No. SB/YS/LS-277/2013, dated 27-08-2015. I/we have gone through the terms and conditions of the tender and all the points are clear and acceptable to me/us. My/our quoted rates will be valid for the period of.....days from the opening of the price bid (minimum days desired in 90).

Item serial no.	Name of the equipment/instrument	Model of the equipment/instrument	Make of the equipment/instrument	Rate in Rs.		Taxes if any	Custom/excise duty if any	Remarks
				In figures	In words			

Date:

Seal and signature of the bidder