



गुरु घासीदास विश्वविद्यालय  
GURU GHASIDAS VISHWAVIDYALAYA

(A Central University established by the Central Universities Act, 2009, No.25 of 2009)

KONI, BILASPUR-495 009 (C.G.) INDIA, कोनी बिलासपुर 495 009 (छ0ग0) भारत

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Ref. No 637/Store/Solar/2013 **Expression of Interest cum bid** Bilaspur, Date-13/08/2013

Sealed Expression of Interest CUM BIDs (EOI CUM BIDs) are invited from firms with proven track record and having capabilities in setting up Solar System Appliances like Solar Water Heater, Solar Street Light, Solar Water Pumps, solar traffic signals & others as a turnkey project. The EOI CUM BIDs documents can be downloaded from the University website ([www.ggu.ac.in](http://www.ggu.ac.in); link: tenders). EOI CUM BIDs fee of Rs.1,000/- by non refundable Demand Draft drawn in favour of "Registrar, Guru Ghasidas Vishwavidyalaya" payable at Bilaspur (C.G.) to be submitted along with bid. Envelop addressed to the Deputy Registrar (Stores), Guru Ghasidas Vishwavidyala, Bilaspur should reach on or before 3.00 PM, 10/09/2013 through Registered/speed post only. Received bids will be opened on 10/09/2013, 04:00 PM at the above address in the presence of bidders or their representatives. EOI CUM BIDs received after due date & time will not be considered. For more details and updates please log on to [www.ggu.ac.in](http://www.ggu.ac.in).  
Registrar

**INVITATION FOR EXPRESSION OF INTEREST CUM BIDs FOR  
SETTING UP OF SOLAR SYSTEM APPLIANCES LIKE SOLAR  
WATER HEATER, SOLAR STREET LIGHT, SOLAR TRAFFIC  
SIGNALS, SOLAR WATER PUMPS AND OTHERS AT UNIVERSITY  
CAMPUS**

Submission of EOI CUM BIDs proposal : Till 3:00 pm of 10/09/2013  
Opening of EOI CUM BIDs Proposal : 04.00 pm, 10/09/2013



**GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR**  
A Central University established by the Central Universities Act, 2009  
**BILASPUR (C.G.)**



## **GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR**

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Phone: 07752-260381 FAX: 07752-260154, 260148 www.ggu.ac.in

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**Notice No: 637./Store/Solar/2013**

**Date: 13/08/2013**

**Sub: Expression of Interest CUM BID for setting up of Solar System Appliances like Solar Water Heater,**

**LED Based Solar Street Light, Solar traffic signals AND Solar Water Pumps and other in University**

**Campus.**

Sealed Expression of Interest CUM BID are invited by Guru Ghasidas Vishwavidyalaya (A Central University) Bilaspur (C.G.) in two bid system from firms with proven track record and having capabilities in setting up of Solar System Appliances like Solar Water Heater, LED Based Solar Street Light, Solar water pumps, solar traffic signals & others in different organizations.

The EOI CUM BID document can be obtained by downloading a copy of the same posted at University website ([www.ggu.ac.in](http://www.ggu.ac.in); link: tenders) and EOI CUM BID fee of Rs.1,000/- (Rs one thousand only) by non refundable Demand Draft drawn in favour of "The Registrar, Guru Ghasidas Vishwavidyalaya" payable at Bilaspur (C.G.) to be submitted along with EOI CUM BIDs.

The University will examine the credentials of the contracting firms, based on the documents submitted and verification, experience, turnover, list of satisfied clients, financial soundness and certifications etc. and scrutinize the EOI CUM BIDs submitted by them.

Interested firms are requested to send their sealed EOI CUM BIDs as per Annexure-I under sealed separate envelopes superscribed with "Expression of Interest CUM BIDs for setting up of Solar System Appliances" by speed post/registered post only to the Deputy Registrar (Stores), Guru Ghasidas Vishwavidyalaya, Koni, Bilaspur – 495009 on or before 10/09/2013 by 3:00 pm.

The EOI (Technical Envelope) Proposal will be opened on 10/09/2013 at 04.00 p.m. in the presence of authorized representative of the contracting firms.

Registrar (Acting)

## 1. INTRODUCTION

Presently the University intends to set up Solar Water Heater in hostels, guest house, cafeteria, and LED based solar street light, solar traffic signals in the roads of the campus and others appliances as per requirement.

## 2. BIDDERS WHO ARE INTERESTED TO PARTICIPATE SHOULD MEET THE FOLLOWING ELIGIBILITY CRITERIA:

a) The Bidder must either be the Original Equipment manufacturer (OEM) of solar system appliances like solar water heating system and Solar Panels duly approved by Ministry of New and Renewable Energy (MNRE), Govt. of India & BIS (copy of certificate required in support) or an authorised dealer of such OEM, for supply and maintenance of Solar Systems. Supporting authentic documents are to be provided in support of this requirement such as previous year's production data and certificate of manufacturing capacity issued by govt. agency.

b) The Bidder shall be a profitable registered company involved in the Supply, installation, Commissioning and maintenance of Solar System Appliances.

c) The Bidder should have at least one **technical maintenance and support base for post installation services facilities in Chhattisgarh**, the details of which should be enclosed.

d) Average Annual financial turnover during the last 3 years, ending 31st March of the previous financial year, should be at least 200 lacs.

**e) The Bidder must have executed during the preceding 5 years at least three similar works costing not less than Rs. 25 lacs.**

**OR**

**Two similar works costing not less than the amount equal to Rs. 50 lacs.**

**OR**

**One similar work costing not less than the amount equal to Rs. 60 lacs.**

f) The Solar Water Heating Systems and Solar Street light Systems must be installed with Solar Collectors approved by BIS. An undertaking to this effect shall be furnished by the bidder.

3. Bidders must submit the documentary proof in support of meeting the minimum qualification criteria. Simply an undertaking by the Bidder for any item of the criteria duly sealed and signed shall not suffice the purpose. All the documentary proof must be listed on the letter pad of the company and enclosed in a cover, to be submitted with the EOI CUM BID proposal.

## 4. SCOPE OF WORK

**Supply, Installation, Testing & Commissioning of Solar System Appliances like Solar Water Heater & Solar Street Lights (SSLs) LED based solar traffic signal at University Campus and AMC for three years.**

1. Supply, Installation, Testing and Commissioning of Solar Water Heater & LED based Solar Street Lighting Systems, LED based solar traffic signal for installation at GGV, Bilaspur that conform to MNRE/MNES Specifications and as per Technical Specifications mentioned in the Bid Document.

2. Site Survey, Site Preparation, Survey, Civil Work etc. required to satisfactorily complete the turnkey job of supply, installation, testing and commissioning of Solar Water Heater & solar street lighting system, LED based solar traffic signal will be under the scope of work of this job.

3. This is a turnkey job and any other accessories not explicitly mentioned here but required to complete the job of installation, testing and commissioning of the Solar water heater & Solar Street Lighting System and for its reliable, smooth and stable operation with uniform output shall be within the scope of work of this job.

4. Bidder to quote taking into consideration prevalent **subsidy as per Government/MNRE guidelines for CG State and this shall be within the scope of work of this job.**

6. Necessary tanks, pipes, jointer, lengths of wires / cables fuses, junction boxes, lugs and other necessary hardware required for installation, testing and satisfactory commissioning of this turnkey job should be provided by the bidder.

7. An Operation, Instruction and Maintenance Manual, should be provided giving the entire details of all the components of the Solar Water Heater, LED Based Solar Street Light, Solar water pumps, LED based solar traffic signals & others.
8. Comprehensive Annual Maintenance **Contract for three years** in order to ensure uninterrupted, smooth and uniform output with salient features(page 12)/Four Visits (Quarterly) for Routine and Preventive Maintenance checks per year when the system will be thoroughly checked, cleaned, serviced and adjusted.
9. Breakdown /Emergency call response **within 24 hours** of notice by telephone followed by Fax/E-mail and successful repair certified by GGV representative within seven days of notice given.

#### **5. Two Bid System**

Vendor will place the "Technical Bid" and "Financial Bid" in the separate sealed covers. Thereafter, both the envelopes should be placed in a big envelope duly sealed and superscripted a) EOI CUM BID Notice No. b) Item No. c) Name of the item and shall be sent to Deputy Registrar (Store), Guru Ghasidas Vishwavidyalaya, Koni, Bilaspur – 495009 (C.G.) on or before 10/09/2013 through speed post/Registered post/Courier.

The University is not responsible for non receipt of quotation within the specified date and time due to any reason including postal holidays or delays.

**Envelope I (Technical Bid):** The vendor must submit the following documents in Envelope-I (Technical Bid):

- a) **Bidder Profile (Annexure-I)**
- b) Detailed technical specifications and literature/manuals of the goods/services to be supplied.
- c) Technical compliance statement with deviation, if any
- d) Authorized partner/dealer/distributor certificate from the original manufacturer.
- f) Credentials and list of organizations where the vendor supplied similar items in last 3 years.
- g) Documentary proof in form of certificate of incorporation, PAN No., VAT/TIN No. and Service Tax No.
- h) The prescribed EOI CUM BID Fee (non-refundable)in the form of DD in favour of "The Registrar, Guru Ghasidas Vishwavidyalaya" payable at Bilaspur (C.G.)
- i) Duly acknowledged "Terms & Conditions and other points of Consideration" of this EOI CUM BID

#### **Envelope II (Price Bid):**

The vendor must submit the Price Bid (**Annexure-II**) information mentioning all taxes/duties FOR University campus, Bilaspur. The price should be quoted in words and in figures, without any errors, erasures or alterations. Maximum educational discount for University as could be offered should also be mentioned.

#### **6. Offer validity period**

The offer should hold good for a **period of 120 days** from the closing date of the tender. Any offer falling short of the validity period is liable for rejection.

#### **7. Performance Guarantee:**

Performance Security for an amount of **5%** of the order value may be furnished in the form of an Account payee Demand Draft, Fixed Deposit Receipt from a Commercial bank or Bank Guarantee from a Commercial bank in an acceptable form by the successful bidder. Performance Guarantee is to be furnished within **21 days** after notification of the award and it

should remain valid for a period of 60 days beyond the date of completion of all contractual obligations of the vendor, including warranty obligations. EMD amount may be adjusted with the Performance Guarantee.

8. **Cost:**

The Cost of the work should be inclusive of all taxes and statutory levies. The rate should be quoted on F.O.R. University Campus, Koni, and Bilaspur basis. CST/VAT/Service tax etc. will be paid extra, if applicable, provided it is made clear in the price bid. No packing/forwarding charges will be paid extra. The article must be delivered without any extra cost at the University Institute and will also have to be installed free of cost.

The University is **exempted from payment of custom and excise duty** on Scientific and technical equipment/instruments by DSIR, Govt. of India. Necessary certificate will be issued on demand.

**Discount, if any:** Special concession/discount applicable for Educational Institutions, if any, must be clearly mentioned in the price bid. No conditional offer will be accepted.

9. **Technical inspection and Performance Evaluation:**

University reserves the right to carry out a technical inspection and performance evaluation (benchmarking) of the offers made by shortlisted vendors. The shortlisted vendors may be asked to come and give out presentation / demonstration.

10. **No commitment to accept lowest or any tender:**

University shall be under no obligation to accept the lowest or any other offer received in response to this tender notice and shall be entitled to reject any or all offers including those received late or incomplete offers without assigning any reason what so ever. University reserves the right to make any changes in the terms and conditions of the work. University will not be obliged to meet and have discussion with any vendor, and or to listen to any representations.

11. **Shortlisting of Vendors:**

University will create a shortlist technically qualifying vendors and the financial bid of only these vendors will be opened. University reserves the right to decide whether the items being quoted are as per the requirement of the University and are of standard/leading brands in the market. University reserves the right to decide which offer best suits the requirement of the university. Further, after opening financial bids of the short listed tenders, if there is a discrepancy between word and figure, the amount indicated in words will prevail.

12. **Warranty**

The vendor shall provide comprehensive on-site Warranty for the system/equipment supplied against the work order for a period of **minimum 03 years** from the date of installation and commissioning of the system/equipment. This would cover the hardware, hardware components of equipment and accessories supplied by the vendor at the place of installation.

13. **Delivery period:**

The complete delivery, installation & commissioning of the article should be made within 60 days from the date of issue of order. The vendor should adhere with all seriousness to the time schedule provided by the University. The **Liquidated Damage** will be applicable at the rate of **0.5%** per week. The purchaser has the right to cancel the purchase order when LD accumulates to 10 %.

**14. Resolution of disputes:**

University and the vendor shall make every effort to resolve amicably, by direct informal negotiations, any disagreement or dispute arising between them under or in connection with the contract. If after thirty days from the commencement of such informal negotiations, University and the vendor have been unable to resolve amicably a resolution by formal arbitration the Vice-Chancellor of University shall appoint a sole Arbitrator of the dispute who will not be related to the vendor and whose decision shall be final and binding.

**15. Jurisdiction**

All disputes will be subject to Bilaspur jurisdiction only.

16. The categories of items and quantity indicated in the Tender Document are tentative. University reserves the right to increase or decrease the quantity or delete some or all of items upto any extent depending on the needs of the University without assigning any reasons.
17. The tenders will be opened on due date and time indicated in presence of the tenderers in any present on the occasion, if the date of the opening is declared holiday the tenders will be opened on next working day.
18. No advance payment will be made. Payment will be made after satisfactory installation/commission report of the goods.
19. University reserves the rights of accepting in full or part/not accepting the tenders without assigning any reason.
20. Any addition/deletion/modification of this tender made before the due date of the tender will be displayed in university website only.
21. Interested bidders/agencies may visit the campus before submitting their proposal if required.
22. No escalation shall be given by university. Neither any claim for escalation will be entertained.
23. Warranty period must be shown in years as in EOI cum bid by concern firm.

(Signature of the authorized representative of the bidder)

Registrar (Acting)



Specification and Details –

Application of hot water	Bathing (for hostel wing) and cleaning of utensils (for dining hall kitchen)
Type of water	Potable, as available through local groundwater supply system
<b>Water Pressure</b>	Gravity Pressure
Outlet temperature required	60 °C temperature at the tap located in bathrooms /mess/ canteen during Nov.-Dec.-Jan.
Type of Building	Hostel Multiple Wings
Type of use	The hot water supply pipeline from Solar Water Heater shall be connected to the incoming angle valve of existing Storage water heater provided in hostel room.
Installation location	Terrace of the Hostel/Guest house etc
Auxiliary electric heating for overcast Conditions	To be provided through auxiliary tank and control panel, <b>if required.</b>
Type of Solar Collector	Flat Plate Collector (FPC) <b>or</b> Evacuated Tube Collector (ETC) as per BIS specifications

Technical Bid

**BIDDER'S GENERAL INFORMATION (Information to be filled by the Bidder)**

1. Name of the bidder : \_\_\_\_\_

2. Year of commencement of business : \_\_\_\_\_

3. Whether approved by MNRE/BIS? : Yes / No  
If yes, details: \_\_\_\_\_4. Constitution of the bidder (Tick mark the applicable): Limited Company/ Private  
Limited Company/ Partnership/ Sole Proprietorship or any other type \_\_\_\_\_5. Bidder's Registered Address : \_\_\_\_\_  
\_\_\_\_\_6. E-mail / Phone / Fax no: E-mail: \_\_\_\_\_ Fax: \_\_\_\_\_  
: Phone No: \_\_\_\_\_7. Name(s) and addresses of Director(s) : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

8. Whether registered with the Registrar of Companies/ Registrar of Firms? \_\_\_\_\_

If so, mention number and date: \_\_\_\_\_

9. Whether Registered for VAT purposes? \_\_\_\_\_  
If yes, mention number and date: \_\_\_\_\_  
(Attach copies of VAT clearance certificate).10. Is the firm a Manufacturer / Dealer / Distributor of SWHS.  
(Attach authenticated copies): \_\_\_\_\_11. Net Profit (Rupees. In lacs)  
During FY 2012-13: \_\_\_\_\_  
During FY 2011-12: \_\_\_\_\_  
During FY 2010-11: \_\_\_\_\_12. Total Turnover (Rupees. In lacs)  
During FY 2012-13: \_\_\_\_\_  
During FY 2011-12: \_\_\_\_\_  
During FY 2010-11: \_\_\_\_\_13. Address of after sales and service centre \_\_\_\_\_  
(Attach list of the Centres, their addresses, Contact person and Telephone & Mobile Nos)We agree to abide by all the terms and obligations mentioned in the EOI CUM BID document.  
We also understand that if the details given in support of claims made above are found to be  
untenable or unverifiable or both, our bid may be rejected without any reference to us.

Yours sincerely

**(Signature, Name, designation, contact address and  
telephone number of the authorized signatory)  
Signature Seal of the Bidder**

**Financial Bid**

Sl. No.	<b>DESCRIPTION OF WORK/ITEM (Item description given)</b>	Watt	QTY 200 nos (Approx.)	Unit Price (Rs.)	Tax, if any	Total
1	Supply of LED based solar street lighting Systems	9 watt				
		11 watt				
		20 watt				
		30 watt				
		55 watt				
		70 watt				
		110 watt				
2	Installation & Commissioning of LED based solar street lighting systems	9 watt				
		11 watt				
		20 watt				
		30 watt				
		55 watt				
		70 watt				
3	Pole Rate of (10 feet or more)					
4	Cost per feet after 10 feet long pole					
5	Cables/Other accessories if any					
		1				
		2				
		3				
		4				
6	Any other charge (In Rs)					

**For Solar Water Heater Flat Plate Collector (FPC)**

S.N	Capacity	QTY (apprx nos )	Unit Price		Taxes, if any	Total (Rs.)
			System Cost	with Electrical Backup		
7						
8	100LPD	35				
9	200LPD	35				

10	300LPD	35				
11	500LPD	35				
12	1000LPD	20				
13	2000LPD	20				
14	5000LPD	15				
<b>Evacuated TubeCollector (ETC)</b>						
	Capacity		Unit Price		Taxes, if any	Total (Rs.)
		QTY (apprx nos)	System Cost	with Electrical Backup		
15	100LPD	35				
16	200LPD	35				
17	300LPD	35				
18	500LPD	35				
19	1000LPD	20				
20	2000LPD	20				
21	5000LPD	15				
	Hot Water Delivery pipeline with insulation as per BIS		Rate per metre			
22	1/2"					
23	3/4"					
24	1"					
25	Cold Water Pipeline					
26	1/2"					
27	3/4"					

28	1"					
29	Fitting and Taping					
30	Any other item required 1 2 3 4					
31	Any other Charges					

**Other Product/Solar System Appliances**

Sl No.	Product/Solar System Appliances	Qty (aprox nos)	Unit Price	Tax, if any	Total Price
1.	Solar Water Pumps with different capacity for garden or fountain purpose	25			
2	Supply and fixing ,commissioning of 300 mm dia LED based solar Traffic signals(red, green, yellow)& Blinkers	50			
3	Supply and fixing ,commissioning of 300 mm dia LED based Pedestrian signal	40			
4	Supply and fixing ,commissioning of LED based arrow chevron	40			

Charges towards YEAR WISE Comprehensive (material + labour) Annual Maintenance Contract for 3 years **after expiry of the warranty period**. The amount will be payable half-yearly after completion of the respective half-year, subject to satisfactory services.

Sl. No.	Description	Unit Rate per annum (Rs.)	Total Amount in Rs.
1	1 <sup>st</sup> year		
2	2 <sup>nd</sup> year		
3	3 <sup>rd</sup> year		

Note: Warranty period must be provided by bidders..... Years

**Signature & Seal of the Bidder**

## DECLARATION

1. I, ----- Son /Daughter of Shri -----

----- Proprietor/ Partner/ Director/ Authorised Signatory of M/s.  
----- am competent to sign this declaration  
and execute this EOI CUM BID document.

2. I have carefully read and understood all the terms and conditions of the EOI CUM BID and hereby convey my acceptance of the same.

3. The information/ documents furnished along with the above application are true and authentic to the best of my knowledge and belief.

4. I/ we/ am are well aware of the fact that furnishing of any false information/ fabricated document would lead to rejection of my bid at any stage besides liabilities towards prosecution under appropriate law.

Signature of the Authorised Person

Date: -----

Full Name: -----

Place: -----

Company Seal: -----

Mobile No. - -----

Note: The above declaration, duly signed and sealed by the authorised Signatory of the firm/company should be enclosed with the EOI CUM BID document.

Certificate as per above must be submitted only on non- judicial paper of suitable amount.