



(NOTICE INVITING QUOTATION)

Subject: Quotation for procurement of services for Green Audit, Energy Audit and Environment Audit.

1. Central University of Punjab, Bathinda (CUPB) invites sealed quotations from accredited auditing firms for procurement of services as per the following details

S.No.	Description	Rates (INR)
1.	Green Audit	
2.	Energy Audit	
3.	Environmental Audit	
GST _____		
Detailed scope of work is attached as an Annexure - A		

2. Sealed envelope superscribing NIQ Ref. No. CUPB/SPO/22-23/NIQ-01/75-76 dated: 26.04.2022 containing quotation and other supporting documents must reach at the following address by 10.05.2022.

**Registrar,
Central University of Punjab,
VPO – Ghudda– 151 401, District Bathinda (PUNJAB)
(Attn.: Purchase Section)**

Documents to be attached with quotation:

- Valid accredited auditor certificate issued by competent authority/agency.
- Copy of PAN/GST of participating bidder firm

3. Terms & Conditions as follows:

- Prices: Quoted prices of services should be firm, inclusive of insurance and FOR Central University of Punjab (CUPB), V.P.O. Ghudda, Disst., Bathinda and complete break up of all taxes and duties payable by the University should be clearly defined otherwise it will be presumed that the rates quoted are inclusive of all these charges and nothing extra will be paid. The quote should be inclusive of Travel, boarding, lodging and any other charges. Special Discount/ Rebates, whichever applicable, keeping in view that the services/supplies are being offered to an educational institution, may please also be indicated.
- Payment terms: The 100% payment will be made through RTGS/by cheque after completion of work/satisfactory services/ submission of final audit report.
- Validity: Quotations should be valid for 03 months from the last date of its submission.
- Incomplete or Misleading quotations: Quotations duly sealed and received by due date only will be considered. Quotations received late or misleading will be out rightly rejected. However, in those cases where required documents are not submitted or tender is incomplete in any respect, CUPB reserves the right to reject such tenders. No responsibility with regard to postal delays due to any reason whatsoever will be accepted.
- Right to reject: The CUPB reserves right to accept/reject any or all the Quotations at any time without assigning any reason.
- Delivery Schedule: Delivery schedule should be clearly mentioned in Quote. The work done should be within stipulated time period as given in the supply/ work award letter.

7. Arbitration:

1. In case of any question dispute or difference, between the purchaser/University and the contractor/supplier, upon or in relation to or in connection with purchase order/contract/payment/services of vendor/warranty/quality of material/any loss due to the deficiency of service on the part of the vendor/non-performance of obligations and other civil matters arising out of the terms and conditions specified in this Purchase Order or relevant tender document, the acceptance of which in express or implied form(by conduct), either party may forthwith give to the other notice in writing of the existence of such question dispute or difference and the same shall be referred to sole arbitrator of the purchaser/University, who shall give a reasoned/speaking awards. The award of the sole arbitrator shall be final and binding on the parties under the provisions of the Indian Arbitration Act-1996(With Amendment, if any) and of the rules, there under. Any statutory amendment, modification or re-enactment thereof for the time being in force, shall be deemed to apply and be incorporated in the contract/purchase order. The sole Arbitrator shall be any officer of the University whose name is approved by the Vice Chancellor. It will not be objectionable if the Sole arbitrator is an officer of the university and he has expressed his views on all or any of the matter in question of dispute or difference.
2. Upon every or any such reference, the cost of and incidental to the reference and award respectively shall be in the discretion of the sole arbitrator so appointed who may determine the amount there of or direct the same to be fixed as between the solicitor and client or as between party and shall direct by whom & to whom and in what manner the same is to be borne and paid.
8. Penalty for non/late delivery of material: If the supplier fails to deliver services/ install the material/equipment within the stipulated delivery period of the purchase order/contract the same is liable to pay penalty charges @ Rs.0.5% per week of the cost of goods/ services, not exceeding maximum limit of 10% of the cost of complete work/equipment/ material so delayed.
9. Civil Suit Jurisdiction: All legal proceedings in connection with this Purchase order/Contract shall be subject to the territorial jurisdiction of the local Civil Courts at Bathinda only.
10. Cancellation: The purchaser reserves the right to cancel the purchase order as a whole or in part at any time or in the event of default on the part of the Supplier prior to the receipt of information regarding taking in hand of the manufacture of material against the Purchase order/dispatch of material to the consignee.
11. Acceptance of order: On behalf of _____, I _____ state that I have read all the above terms & conditions given in the NIQ. I agree & hereby give my consent to comply with the same.

Sd/
Purchase Officer

Copy to:

1. File.

1. SCOPE OF WORK

DETAILED AUDIT ASSESMENT:

The scope of work shall cover in detail for sustainable improvements with necessary actual measurements. Detailed scope of work shall be as under:

1.1 Green Audit

- Survey of landscape to conserve existing natural areas and restore damaged areas to provide habitat and promote biodiversity.
- Survey of campus for noise and air pollution resulting from gasoline powered equipment.
- Study on usage of fertilizers, pesticides in the campus.
- Study on wastage segregation and waste disposal methods and recommendations on improvements of waste management practices.
- Study on water supply system & water balance chart.
- Survey for rain water harvesting potential.
- Survey on water treatment system.
- Survey on waste water system (STP).
- Feasibility study for renewable energy system.
- Survey of sufficient spaces for the bicycles/ Battery powered vehicles.

1.2 Energy Audit

Transformer

The electrical distribution system is to be studied and recommendations are to be made, wherever feasible in the following areas:

- Power Transformer loading pattern, losses and efficiency
- APFC Performance Observation.

Electrical Distribution System

- Power trend for the major power consuming areas.
- Benchmarking the Building.

AC Unit

- Surveys of Air conditioning equipment and operation shall be done to understand the systems.

Water Pumps & Motors

Based on the loading pattern, the following energy saving opportunities is to be explored:

- Application of variable frequency drives
- Feasibility Check for replacing with lower capacity motors/pumps
- Feasibility Check for replacing with higher efficient motors/pumps

Lighting System

The feasibility of following need to be studied:

- Installation of electrical energy savers in the lighting system
- Energy efficient lighting practices
- Modification in lighting system to minimize power consumption
- Adequacy of lighting system

Indoor Air quality

- Survey of fresh air supply in critical areas
- Survey of Natural Ventilation

1.3 Environmental Audit

Carbon footprint emission and reduction shall be covered for **2 scope Types**;

Scope 1 - Direct Emissions:

- Emissions generated from fixed combustion sources: the burning of stationary equipment fuels.
- Mobile combustion sources: arising from the consumption of fuel by facility vehicles.
- Fugitive emissions: refrigerant gas leaks of refrigeration equipment in the facilities.

Scope 2 - Indirect Emissions:

- Electrical energy consumption at the facilities.

2. DELIVERABLES:

Final Audit Report

Observations, Readings & Findings from the all above mentioned activities shall be consolidated and made into a Final Audit Report. This shall contain:

- Description of the facilities audited
- Data collected & Observations
- Energy Audit Report- Recommended Conservation Measures with approximate costs & payback periods.
- Green Audit Report- Recommended improvement Measures for greening campus
- Environmental Audit Report- Recommended Emission Reduction Measures for reducing the carbon footprint.

3. COMMERCIAL TERMS AND CONDITIONS:

Charges for above mentioned scope of work shall be as per the break- up given below:

S. No.	Description	Rates (INR)
1.	Green Audit	
2.	Energy Audit	
3.	Environmental Audit	
	GST @ _____	
TOTAL		
(Total in Words)		
<i>The 100% payment will be made through RTGS/by cheque after completion of work/ submission of final audit report /satisfactory services.</i>		

4. OTHER TERMS & CONDITIONS:

1. The quote should be inclusive of travel, lodging, boarding and any other charges.
2. Green, Energy & Environmental Audit site work will be conducted within 2 days at site.
The survey should be done during working days (Monday to Friday)
3. The firm should supply the detailed project report with 2-3 weeks after completion of survey. All reports shall be submitted in soft PDF form only.