



TERMS AND CONDITIONS

[All pages (BoQs & Terms & Conditions) are mandatory to be signed/stamped, Rates should be quoted on our prescribed format, failing which the bid may be rejected]

1. The contract will be executed and handed over in satisfactory conditions up to the entire satisfaction of COMSATS Institute of Information Technology, Lahore Campus.
2. Terms & Conditions and BoQs should be attached with Technical and Financial bids, otherwise your tender/bid(s) may be rejected.
3. Documents along with Pay Order / Demand Draft amounting **Rs. 1000/-** as a tender documents fee (Non-Refundable) in favor of COMSATS Institute of Information Technology, Lahore to the address given below. No bid will be accepted without tender documents' fee.
4. Part / Advance payments is not allowed.
5. The exact completion/delivery time from the date of the purchase / work order will be **60 days**. The handing over / completion time for this contract is of critical importance.
6. Any addition, deletion or modification of any clause of the procurement terms & conditions of CIIT by any vendor will not be acceptable and may lead to rejection of the bid.
7. The bid proposal should be inclusive of freight and all taxes delivered at COMSATS Institute of Information Technology, Lahore Campus's premises.
8. COMSATS Institute of Information Technology, Lahore Campus, will follow the PPRA rule of **single stage two envelope procedure**:
 - i. The bid shall comprise a single package containing **two separate envelopes**. Each envelope shall contain separately the **financial proposal** and the **technical proposal**;
 - ii. The envelopes shall be marked as **"FINANCIAL PROPOSAL"** and **"TECHNICAL PROPOSAL"** in bold and legible letters to avoid confusion;
 - iii. Initially, only the envelope marked **"TECHNICAL PROPOSAL"** shall be opened;
 - iv. The envelope marked as **"FINANCIAL PROPOSAL"** shall be retained in the custody of the procuring agency without being opened;

Signature of Contractor with Stamp

- v. The procuring agency shall evaluate the technical proposal in a manner prescribed in advance, without reference to the price and reject any proposal which does not conform to the specified requirements;
 - vi. During the technical evaluation no **amendments** in the technical proposal shall be permitted;
 - vii. The financial proposals of bids shall be opened publicly at a time, date and venue announced and communicated to the bidders in advance;
 - viii. After the evaluation and approval of the technical proposal the procuring agency, shall at a time within the bid validity period, publicly open the financial proposals of the technically accepted bids only. The financial proposal of bids found technically nonresponsive shall be returned unopened to the respective bidders;
 - ix. and
 - x. The bid found to be the lowest evaluated bid shall be accepted.
9. Bidders who do not qualify cannot challenge the finding of the evaluation.
10. The bids should be submitted in a sealed envelope up to **24-08-2015** on or before **14:00 hrs** and will be opened on the same date **at 14:30 hrs** in the presence of available bidders.
11. The envelope should be marked as under.

Manager Purchase

COMSATS Institute of Information Technology, Lahore Campus.

Defence Road, Off Raiwind Road, Lahore.

Tel: 042-111-001-007, Ext: 875

12. The envelope shall also bear the word "CONFIDENTIAL" and following identification quotation of "**Automation Control System for Production of Synthesis Gas from Biomass in Bubbling Fluidized Bed Gasifier For Chemical Engineering Department**".
13. The bid form (Annex-I) must be duly filled in, stamped and signed by the authorized representative of the bidder.
14. **If the vendor fails to deliver the goods / services to CIIT-Lahore in time then the penalty will be charged as under:-**
- a. 1% per day of the invoice price for 5 working days.
 - b. 2% per day of the invoice price for further 5 working days.
 - c. If the vendor fails to deliver the goods / services during the extended period then the purchase / work order will be cancelled, earnest money and payment will be forfeited.
15. If the delivered goods / services are not according to the required quality standards / specifications, the same shall be liable to be rejected after inspection. The vendor would be required to supply as per requirements mentioned in our BoQs, otherwise the purchase / work order will be cancelled after due date with confiscation of earnest money.
16. All prices should be quoted **F.O.R (Pak Rupees)**.

17. All prices should be valid for at least **120 days**. Withdrawal or any modification of the original offer within the validity period shall entitle CIIT to forfeit the earnest money in favor of the CIIT and / or put a ban on such vendor participation in CIIT tenders / works.
18. It is the sole responsibility of the agent / supplier / manufacturer to comply with the applicable laws, be national or international.
19. In case of any dispute, decision of the Director CIIT-Lahore, will be final and binding upon the parties.
20. The CIIT-Lahore reserves the right to modify the quantities at any time before the award of work.
21. The bidder is required to furnish in form of Bank deposit /C.D.R / Pay order equivalent to **2%** of the total Bid price as Earnest Money crossed in favor of "COMSATS Institute of Information Technology, Lahore Campus". Any bid not accompanied by Earnest Money shall be rejected without any right of appeal.
22. Warranty will be on the part of supplier, which is **One Year** after the completion of supply /work.
23. **05%** of the total value of the Invoice will be retained for **One Year** as security by COMSATS Institute of Information Technology, Lahore Campus, and will be released after the completion of warranty period, which will start from the date of completion of work
24. COMSATS Institute of Information Technology, Lahore Campus, reserves the rights to accept or reject any or all bids without assigning any reason whatsoever.

No offer of a supplier/firm will be considered if: -

 - i. Received without earnest money
 - ii. Received later than the date and time fixed for tender submission
 - iii. The tender is unsigned/ unstamped
 - iv. The offer is ambiguous
 - v. The offer is conditional
 - vi. The offer is from a firm, which is black listed, by any Govt. Office.
 - vii. The offer is received by telephone/telex/fax.
 - viii. Any unsigned / ambiguous erasing, cutting / overwriting etc. is made.
25. The tendered should furnish a certificate as worded below in token of acceptance of all the terms and conditions of the tender. Otherwise the tender will not be considered under any circumstances.

I / We

- Company / Vendor Name:.....
- Postal Address:.....
- Tel. / Mobile:.....Email:.....
- NTN # :.....GST#:.....

- the undersigned certify that the terms and conditions as contained in the documents
 vise, “ Terms and Conditions for Tender Notice of COMSATS Institute of Information
 Technology, Lahore are accepted and that in the event of selection
 of my/our rate the agreement in the prescribed form will be
 entered into.



**BoQs of Automation Control System for Production of Synthesis Gas from Biomass in
 Bubbling Fluidized Bed Gasifier For Chemical Engineering Department**

S. #	Item Name	Description	Major Specifications	Qty	Total Price (Rs) should be quoted inclusive all applicable taxes	
1	Automation Control System for Production of Synthesis Gas from Biomass in Bubbling Fluidized Bed Gasifier with under mentioned requirements	Flue Gas Analyzer (CO, CO2, H2, CH4,etc)				
			A customized and indigenous gas analyzer is required which can be interfaced with PLC system and the gases composition can be displayed on SCADA and HMI system. The control algorithms will control the opening and closing of the valves and speed and direction of motors used in the Flue gas analyzer. The details of the components used in the Flue gas analyzer is given below.	1		
		Hydrogen, Oxygen, Nitrogen and Carbon dioxide, Carbon Monoxide Hydrocarbon, Sulphur dioxide gas Analyzer Sensor	Output Type: Analog Output Range: 0-10V/4-20mA/Supported with purposed System Make: Renowned	2		
		Smoke Sensor	Output Type: Analog Output Range: 0-10V/4-20mA/Supported with purposed System Make: Renowned	2		
		Flame Intensity Sensor	Output Type: Analog Output Range: 0-10V/4-20mA/Supported with purposed System Make: Renowned	3		
		Pressure Sensor	Output Type: Analog Reading Range: 0- 200 psi Output Range: 0-10V/4-20mA/Supported with purposed System Make: Renowned	2		
		Mixer Motor with Supporting Drive	Rating: 0.55 KW Make: SIEMENS or equivalent/Supported with purposed System	1		

Suction Motor with Supporting Drive	Rating: 0.55 KW Make: SIEMENS or equivalent/Supported with purposed System	1
Electronic Spark Igniter	Input Signal Type: Digital-24V Temperature: 0- 1000 C Make: Renowned	2
Analog Control Valve for Solid Bio-Mass	Control Signal: Analog Range: 0-10V/4-20mA Internal Diameter: 2½ Inches Make: Renowned	6
Analog Control Valve for Gases	Control Signal: Analog Range: 0-10V/4-20mA Internal Diameter: ¾Inches Make: Renowned	4
Analog Control Valve for Gases	Control Signal: Analog Range: 0-10V/4-20mA Internal Diameter: ½ Inches Make: Renowned	4
Rotatry Valve	Control Signal: Digital- 24V For Solid State Bio Mass Internal Diameter: 2½ Inches Make: Renowned	2
Analog Control Valve for Solid Bio-Mass	Control Signal: Analog Range: 0-10V/4-20mA Internal Diameter: 2 Inches Make: Renowned	4
Flow Meter for Gases	Output Type: Analog Internal Diameter: ½ Inches Output Range: 0-10V/4-20mA Make: Renowned	2
Flow Meter for Gases	Output Type: Analog Internal Diameter: 2 Inches Output Range: 0-10V/4-20mA Make: Renowned	2
Backup Power Supply	5KW backup for uninterrupted operation based on pure Sine wave	1
	Minimum two hours Deep Dry Battery backup	1
	SCADA Designing and Testing of 128 Tags with LicensesWeb based Control System	1
	Mobile based Control System	1
10 thermocouples and related hardware		
K Type Thermocouples	Output Type: Analog Reading Range: 0- 1000 C Make: Renowned	10
PLC, Data Acquisition system for all temp. pressure transmitters etc		

	PLC System	Digital Inputs: 32 Digital Outputs: 32 Analog Inputs: 32 Analog Outputs: 32 Thermocouples Inputs: 32 Make: SIEMENS or equivalent	1
	Engineering	Implementation Testing and Commission of system as per sequence of operation for the given I/Os	1
		HMI Designing and Testing of 128 Tags with Licenses	1
		SCADA Designing and Testing of 128 Tags with Licenses	1
		Web based Control System	1
		Mobile based Control System	1

Compulsory Requirements:

Execution and Implementation of the Project should be done as per the below terms and conditions

- Project shall be designed, fabricated, commissioned, installed and implemented in the premises of CIIT Lahore.
- Nominated Faculty Members/Student should be involved by the vendor in all the steps of project.
- Nominated Members should be trained free of cost on all technologies involved in the project and steps involved in complete execution of project side by side.
- Transfer of Technology should be made on regular basis to the nominated CIIT Members and should be trained free of cost on all the aspects of the project side by side.
- All details of the project are to be kept confidential.
- Authorized service provider of Control System being quoted. Authorization Letter should be attached with technical bid otherwise bid may be rejected.
- Having complete training and expertise on the system.
- Had worked in past on such re-search based product. List of Clients should be attached with technical bid otherwise bid may be rejected.
- Have strong Industrial – Academia linkages.
- Company should have strong background on national and international projects using quoted control systems.
- Bidder should fulfill all above mentioned conditions to participate in the tender.
- Bidder should be able to provide documentary proof of its authorizations and affiliation in this context.
- Bidder should fulfill all above mentioned conditions to participate in the tender.
- he equipment, components, parts etc provided by the vendor should be globally renowned for performance and reliability.
- The spares of necessary items shall be provided and warranty of parts and complete system should be available for minimum One year.

Evaluation Criteria: (Total Marks 100)

Qualifying Marks: 60

Working Experience on Such Research Project: (40 Marks)

(Supporting Documents should be attached)

01 to 02 Years	03 to 05 Years	06 to 08 years	08 & Above
10 Marks	20 Marks	30 Marks	40 Marks

List of Clients: (30 Marks)

(Clients list should be attached)

1-3 Nos.	4-6 Nos.	7 & Above
10 Marks	20 Marks	30 Marks

National & International Projects using Quoted Control System: (30 Marks)

(List of Projects & Purchase/Work Orders)

1-3 Projects	4-6 Projects	7 & Above
10 Marks	20 Marks	30 Marks

Note:

- Price should be quoted inclusive of all taxes on our prescribed BoQs. Do not use your own company letterhead otherwise your bid/proposal may be rejected.
- In Addition to filling of the attached BoQs, supporting literature of the quoted model must be attached for verification & technical evaluation of the required specification by the technical committee. In case of any clash is found between the quoted model and the literature model. So the item/bid may be rejected.
- Terms & Conditions and BoQs should be attached with Technical and Financial bids, otherwise your tender/bid(s) may be rejected.

