

Subject: Quotation Notice for testing and analysis of fuel and sampling in brick kilns

1. Punjab State Council for Science & Technology (PSCST) is a Scientific and Industrial Research Organization approved by Department of Scientific & Industrial Research (DSIR) and Central Govt., Department of Finance under clause (ii) of subsection (i) of section 35 of Income Tax Act 1961. PSCST intends to avail the services of NABL/ MoEF accredited/ EPA approved laboratories in the relevant area having infrastructure for carrying out monitoring/ sampling in brick kilns in southern districts of Punjab. Sealed quotations super-scribing the name of assignment are invited from reputed agencies in the enclosed prescribed format for the analysis of various parameters of samples as mentioned below:

S. No.	Details	Parameters to be tested	Unit	Quantity*
1.	Fuel samples (Loose agriculture biomass, biomass pellets & coal)	Proximate analysis, % (moisture, fixed carbon, volatile matter & ash)	No.	6
		Ultimate analysis, % (carbon, hydrogen, nitrogen, sulphur & ash)	No.	6
		Gross Calorific Value (GCV), kcal/kg	No.	6
2.	Stack Sampling & Analysis (one charging & two integrated samples for each stack)	Suspended Particulate Matter (SPM), mg/Nm ³	No.	9
		Sulphur dioxide (SO ₂), mg/Nm ³	No.	9
		CO ₂ , %	No.	9
		Carbon Monoxide (CO), ppm	No.	9
		Excess Air, %	No.	9
		Stack velocity, m/s	No.	9

*Tentative Quantity

2. Scope of the Assignment

- a) Agency is to carry out the collection of samples from the stack & its analysis as per approved Central Pollution Control Board (CPCB) guidelines.
- b) Analysis of fuel samples as per approved guidelines.
- c) Submission of analysis/ monitoring result report within 10 days of the monitoring.
- d) The number of samples may vary according to the requirement.
- e) The brick kilns in the southern districts of Abohar & Fazilka of Punjab will be identified by PSCST in consultation with PPCB. The details of various parameters and no. of samples are mentioned in table at Sr. No. 1.
- f) The sampling locations and no. of samples can be changed by PSCST. In case, there is any increase in no. of samples, PSCST will pay the agency as per the unit rates quoted for each sample.

3. Qualification of Agency

- a) The agency should be NABL/ MoEFCC accredited/ EPA approved laboratory in the relevant area.
- b) The agency shall have experience, know-how and manpower available for carrying out Environmental monitoring activity in industries/brick kilns.
- c) The minimum probe length of 3 meter has to be deployed for stack emission monitoring studies.

4. Submission of Quotation

- a) Quotation shall be submitted in a sealed cover super scribing the envelope as **“Quotation for testing & analysis of fuel sample and stack sampling”**.
- b) The quotation shall include list of Enclosures/Checklist as enclosed at **Annexure-I**.
- c) The quotation shall be submitted in the prescribed format at **Annexure-II**.
- d) The quotation shall be signed by a person or persons duly authorized to sign on behalf of agency. The person or persons signing the quotation documents shall initial all pages as token of acceptance.
- e) The sealed envelopes shall
 - i. Be addressed to the office of PSCST at the following address:
Principal Scientific Officer - III,
Punjab State Council for Science & Technology,
2nd Floor, MGSIPA Complex,
Sector – 26, Chandigarh – 160019
 - ii. Bear the following identification:
Quotation for: Testing and Analysis of fuel samples and stack sampling in
Brick Kilns
Due on : 25.10.2024 at 3:00 PM
- f) Quotations must be received in the O/o PSCST at the address specified above no later than 1500 hrs on 25.10.2024. In the event of the specified date for the submission of quotation declared as a holiday, the quotations will be received upto the appointed time on the next working day.
- g) The quotations will be opened on the same day at 1530 hrs in PSCST office in the presence of agencies which may be present at the time.
- h) If the quotations are not sealed and not marked as above, the PSCST will not be responsible for the misplacement or premature opening of the quotation.

5. Quotation Price

- a) Corrections, if any, shall be made by crossing out, initialling, dating and re-writing.
- b) All duties, taxes and other levies payable on the services shall be quoted separately to arrive at the total cost of assignment.
- c) The rates quoted by the agency shall be fixed for the duration of the contract and shall not be subjected to adjustment on any account.
- d) The prices shall be quoted in Indian Rupees only.

6. Validity of quotation

Quotation shall remain valid for a period for 45 days after the deadline date specified for submission.

7. Evaluation of Quotations

PSCST will evaluate and compare the quotations determined to be substantially responsive i.e. which

- a) are properly stamped & signed by authorized person.
- b) NABL/ MoEFCC accredited/ EPA approved laboratory certificate of agency for carrying out sampling, testing & analysis of above mentioned parameters in the relevant area.
- c) Experience of agency in works of similar nature and size for each of the last three years & details of works under way or contractually committed.
- d) List of instruments available with the agency along with status of its calibration proposed to be used during the monitoring.
- e) Conform to the scope of work and other conditions.
- f) Where there is a discrepancy between the rate in figures and words, the rates in words will govern.
- g) Where there is discrepancy between the unit rate and the line item, total resulting from multiplying the unit rate by quantity, the unit rate quoted shall govern.
- h) PSCST will reserves the right to verify information submitted by agency and can also call for additional information in proof of statement made in application.
- i) PSCST reserves the right to accept or reject any quotation and to cancel the process at any time prior to the award of contract.

The quotations would be evaluated for the items (S. no. A & B) together as per the description of services. No preference shall be given for higher specifications/ efficiency.

8. Time Schedule

- a) The agency will complete the assignment within 4 months from the date of award of contract, unless period of assignment is extended by PSCST.
- b) The sampling location will be intimated 7 days in advance.
- c) The results of stack sampling & analysis of fuel should be submitted to PSCST within 10 days of sampling or collection of samples.

9. Interpretation of the clauses in the Quotation

In case of any ambiguity/ dispute in the interpretation of any of the clauses in this quotation notice; decision of Executive Director, PSCST shall be final and binding on all parties

10. Payment Schedule

Payment would be released after the satisfactorily completion of each sampling assignment and submission of report.

11. Award of contract

PSCST will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

- a) Notwithstanding the above, PSCST reserve the right to accept or reject any quotations at any time prior to the award of contract.
- b) The agency, whose quotation is accepted, will be notified of the award of contract by the PSCST prior to expiry of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

12. We look forward to receiving your quotations.

**Principal Scientific Officer III
(TFD)**

Checklist

S. No.	List of Enclosures	Attached	
		Yes	No
1.	Duly signed & stamped copy of Quotation Notice/ Quotation including enclosures		
2.	Certificate to the effect that agency/ laboratory is NABL/ MoEFCC accredited/ EPA approved in the relevant area		
3.	Experience in works of similar nature and size for each of the last three years & details of works under way or contractually committed (Please attach proof) .		
4.	Any other		

To

Principal Scientific Officer - III,
Punjab State Council for Science & Technology,
MGSIPA Complex, Sector 26,
Chandigarh

Dated:

Subject: Quotation Notice for Testing and Analysis of fuel samples and stack sampling in Brick Kilns.

Quotation

NAME OF AGENCY: _____

S. No.	Description	Parameters	Unit	Quantity	Unit Rate/Quantity (in Rs.)	Total Amount (in Rs.) (4 x 5) 6
	1	2	3	4	5	6
A.	Sampling and Analysis Charges					
1.	Collection of fuel samples (Loose agriculture biomass, biomass pellets & coal)	Proximate analysis, % (moisture, fixed carbon, volatile matter & ash)	No.	6		
		Ultimate analysis, % (carbon, hydrogen, nitrogen, sulphur & ash)	No.	6		
		Gross Calorific Value (GCV), kcal/kg	No.	6		
2.	Stack Sampling & Analysis charges					
a.	Stack Analysis charges (one charging & two integrated sample for each stack/Kiln)	Suspended Particulate Matter (SPM), mg/Nm ³	No.	9		
		Sulphur dioxide (SO ₂), mg/Nm ³	No.	9		

		CO ₂ , %	No.	9		
		Carbon Monoxide (CO), ppm	No.	9		
		Excess Air, %	No.	9		
		Stack velocity, m/s	No.	9		
b.	Stack Sampling Charges (3 Samples/Stack)	No. of Stacks	No.	9		
		Total "A"				

S. No.	Description	Parameters	Unit	Visits or Night Stay (Nos.)	Unit Rate/visit or Night Stay (in Rs.)	Total Amount (in Rs.)
	1	2	3	4	5	(4x5) 6
B.	Travelling, Boarding and Lodging charges					
1.	Travelling charges for stack sampling at locations (Abohar/Fazilka*)	Visits	No.	3 Visits		
2.	Boarding and Lodging charges (Night Stay charges)		Rs. /Night	2 Night Stay		
	Total "B"					
	Total Amount (A + B)					
	Taxes (if any)					
	GRAND TOTAL					
C.	Visiting Charges for stack sampling at other locations <i>(Rates not to be considered for evaluation)</i>	Location in Southern Distts of Punjab, if any	Rs. /Km			

* The site locations at District Abohar & Fazilka will be identified by PSCST.

I / We agree to supply the above service in accordance with the description of services at a total contract price of Rs./-.
(in figures) Rs.(in
words) with in the period specified in the invitation for quotations.

I / We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Date:

Signature with Rubber Stamp