

प्रायोगिक सूक्ष्मतरंग इलेक्ट्रॉनिकी
अनुसंधान संस्था (समीर)



इंजीगियरी तथा

SOCIETY FOR APPLIED MICROWAVE ELECTRONICS
ENGINEERING AND RESEARCH (SAMEER)
(KOLKATA CENTRE)

R & D Laboratory of Ministry of Electronics and Information
Technology, Govt. of India

Plot – L2, Block – GP, Sector – V, Salt Lake Electronics Complex, Kolkata – 700091

BIDDING DOCUMENTS

Tender Reference No.
SMR(K)/277/15251/C/SS/22
Due Date: 23/12/22

Dear Sirs,

Tender (**Two Part**) is invited from the reliable supplier/OEM/authorized seller for procurement of Air conditioner as per below specifications. Kindly go through the same and submit their competitive price subject to the terms and conditions set out hereunder.

S.L. No.	Description of Air Conditioner	Qty
1.	<p>Supply and installation of Air Conditioner</p> <p>Specification:</p> <p>Top Therm wall-mounted cooling unit Blue-e 1100W, 230V, 1phase 50/60 Hz</p> <p>Model No.: SK3304.500, Make : Rittal</p> <p>or equivalent</p> <p><u>(For detailed specifications, please see the Technical Compliance Table as given below which is required to be submitted alongwith bid)</u></p>	01 No

A. General Instruction:

i. Quotation should be submitted in **Two parts (Technical Bid and Price Bid)**.

Submission of Quotation through Email: Vendors may submit their bids (two part) through email (purchase@mmw.sameer.gov.in) with **PASSWORD PROTECTED** files. Two different password should be set for Technical Bid and Price Bid. **Password will be provided one by one on demand.** You are requested to fill the **"subject" checkbox** of the email with **"Tender Ref No"**. to locate your email in mailbox. You must receive acknowledgment from our side once submitted bid. If there is any issue in email in sending quotation please contact us over telephone.

OR

Submission of Quotation through post / by hand :

Sealed quotation should be submitted to the following address : **Technical Bid and Price Bid** should be submitted in two separate sealed covers, superscribed as **"Technical Bid" & "Price Bid"**. Both sealed covers should be put in a single envelope and our Tender Reference No. should be clearly mentioned on the envelope and addressed to

The Head A &AO
SAMEER Kolkata Centre
Plot-L2, Block GP, Sec-V,
Salt Lake Electronics Complex, Kolkata-7000091

ii. **Technical Bid : Technical Bid should contain the following enclosures :**

- a) Technical compliance Table (**Annexure-I**)
- b) OEM authorization certificate
- c) Last 3 years experience in field of supply of Air conditioners

iii) **Price Bid** : To be submitted separately as per below format (**Annexure-II**).

B. Terms and Conditions:

i. **QUOTED PRICE** should be included freight, insurance, packing charges etc as applicable. Hence any charges mentioned extra, if any, will not be considered.

ii. **Eligibility of the bidder** : Capable of submitting the enclosed document as asked for as per below

- a) Technical compliance Table
- b) OEM authorization certificate
- c) Last 3 years experience in field of supply of Air conditioners.

iii. **Payment** : 100 % on completion of supply and successful installation through NEFT within 20 days. Performance security will be recovered from Tax Invoice, if not received within 15 days.

iv. **FREIGHT** : must be included in the quoted price. No other terms of Freight like Ex-works, freight at actual will not be acceptable, hence charges of freight must be included in the quoted price.

v. **GST** should be mentioned clearly which should not be included in the above quoted price.

vi. **Restriction of country /countries imposed for import** : As per guideline of procurement rules GFR,2017 (OM No. F.NO.6/18/2019-PPD dt 23rd July,2021 and F.No. 6/18/2019-PPD Dt 23rd July,2020 issued by Ministry of Finance, Dept. of Expenditure, Govt. of India) where restrictions from country / countries/a class of countries (**sharing land border with India**) has been imposed. Relevant document (s) as per above OM are required to be submitted by the bidder.

vii. **Custom duty** : Suppliers may avail advantage of duty exemption. SAMEER is registered with DSIR under the notification No. 51/96 -Customs for exemption of Custom Duty only. Duty exemption certificate should be processed at least 10 days in advance on intimation. Please note that SAMEER will provide only duty exemption certificate. **If there is any duty, over and above the exempted amount, will be borne by you. Hence consider accordingly while quoting.**

- viii. **Performance Security** : 3% of the order value (excluding GST) should be submitted within 15days on completion of successful installation by Demand Draft / Bank Transfer/PBG. The total validity of the performance security will be composition of warranty period + additional 2 months. The same will be refunded without interest on completion of warranty period. For any violation of contract / order the amount of performance security will be forfeited.
- ix. **Original Manufacturer** (OEM) certificate : OEM authorization certificate should be provided alongwith bid.
- x. **Bid evaluation process**: Quotation will be evaluated based on technical specifications given in **Technical Compliance Table** as per enquiry by tender committee and necessary clarification, if required, will be sought through email from suppliers. After satisfaction of technical suitability then price will be taken into account in price comparison to arrive L1 bidder.
- xi. **Omission / ignorance in minor deviation**: If any minor deviation is found from the tender specifications SAMEER Kolkata reserves the right to accept or reject based on considering technical suitability.
- xii. **Warranty** : Standard warranty period should be mentioned clearly **which will be considered during evaluation. Warranty certificate** from OEM should be submitted alongwith on completion of successful installation.
- xiii. Acceptability of the extent of variation in specifications on evaluation of technical data sheet wherever applicable will be decided by the competent authority based on technical suitability and shall be bound by the bidders.
- xiv. **Delivery** period should be within 6 weeks on receipt of the order.
- xv. **Validity** of quotation should be minimum 45 days from the due date.
- xvi. SAMEER reserves the right to reject this tender without assigning any reason.

For any technical clarification please contact our concerned scientific official Shri Sourav Sarkar, SA-B (email: sarkar.sourav@mmw.sameer.gov.in/purchase@mmw.sameer.gov.in Ph : 033-2357-4875 / 4894 – if not received response by email)

Please mention Enquiry Ref No. in all future correspondence.


Vivek Kumar Singh
Head, A & AO
email : purchase@mmw.sameer.gov.in

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Plot-L2, Block-GP, Sec-V, Salt Lake Electronics Complex, Kolkata- 700091, INDIA
Ph : 091-33-2357-4875 / 2357-4894 Fax : 091-33-2357-4950,
E-mail : purchase@mmw.sameer.gov.in

TECHNICAL SPECIFICATION COMPLIANCE TABLE

(should be duly filled up by the bidder and submitted alongwith bid on their letter head)

An item-by-item commentary on the SAMEER-Kolkata Technical Specifications demonstrating substantial responsiveness of the item's to those specifications or a statement of deviations and exceptions to the provisions of the Technical Specifications. (Technical literature/brouchers/manuals should be attached along with this format)

Name of Item : Top Therm wall-mounted cooling unit Blue-e 1100W, 230V, 1phase 50/60 Hz

SI.No	Tender Specifications		Bidder's Specifications	Remarks/ Deviation if any
	Parameter	Specifications		
1.	Details Description	Energy-efficient wall-mounted cooling units in the output categories 1100 W, with nano coating on the condenser and integral electrical condensate evaporator. Nano-coated condenser, Fully wired ready for connection (plug-in terminal strip) Drilling, template, Assembly parts, Integral electric condensate evaporation.		
2.	Benefits	May be linked to the IoT interface via IoT adaptor for cooling units from cooling output with e-Comfort controller.		
3.	Material	Sheet steel		
4.	Total cooling output	Cooling output L35 L35/50 Hz: 1.1 kW [The first L35 represents an internal enclosure temperature of 35°C (95°F). The second L35 represents the ambient air.]		
5.	DIN EN 14511	This Standard DIN EN 14511 specifies the terms and definitions for the rating and performance of air conditioners, liquid chilling packages and heat pumps using air, water or brine as heat transfer media, with electrically driven compressors when used for space heating and/or		

		cooling.		
6.	Rated operating voltage	230 V, 1Ø, 50 Hz		
7.	Rated current max.	3.9 A		
8.	Starting current max.	12A		
9.	Air throughput (unimpeded air flow)	External circuit: 805 m ³ /h		
		Internal circuit: 600 m ³ /h		
10.	Protection category to IEC 60 529	External circuit IP 34		
		Internal circuit IP-54		
11.	Protection category NEMA	UL Type 12		
		Type12: Enclosures constructed (without knockouts) for indoor use to provide a degree of protection to personnel against access to hazardous parts; to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt and circulating dust, lint, fibers, and flying); and to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (dripping and light splashing).		
12.	Refrigerant/cooling medium	Refrigerant: R134a		
		Quantity: 0.33 kg		
13.	Temperature control	e-Comfort controller		
14.	Operating temperature range	10 °C - 55 °C		
15.	Storage Temperature Range	-40 °C - 70 °C		
16.	Setting range	20 °C - 55 °C		
17.	Permissible operating pressure (p. max.)	28 bar		
18.	Energy efficiency ratio (EER)	1.83		
19.	Dimensions	WxHxD = 400 mm x 950 mm x 260 mm		
20.	Pre-fuse	Miniature circuit-breaker/fuse: 10 A		
21.	Warranty	Standard warranty should be minimum one year		

(Technical literature/brochure/manuals should be attached along with this format)

Please note:

Compliance statement should compare the specifications of the quoted model to the required specifications. This statement should also give the page number(s) of the technical literature where the relevant specification is mentioned.

Bids must have supporting documents (technical literature or copies of relevant pages from the service manual or factory test data) for all the points noted above, failure regarding which may result in rejection of bid.

Signature of the authorized person:

Name: Designation: Company Seal:

Date:

PRICE BID FORMAT

(Annexure-II)

Vendors are requested to submit the price bid as per below format on their LETTER HEAD in separate sealed cover

All the suppliers are requested to submit their quotations for all the following equipment as per following price bid format:

Srl No.	DESCRIPTION	Quantity	Unit Rate in INR	Extended Amount (in INR)
1	Supply and installation of Air Conditioner Specification: Top Therm wall-mounted cooling unit Blue-e 1100W, 230V, 1phase 50/60 Hz (please mention make and model No. to satisfy tender specs)	01		
OTHER CHARGES				
2	Add : Packing charges, if any			
3	Add : FREIGHT (from Vendor's manufacturing facility to SAMEER KOLKATA)			
4	Add : INSURANCE			
5	Add : ADDITIONAL CHARGES, if any			
	Total [Excl Taxes and duties)			
9	Add : TAXES AND DUTIES APPLICABLE (pl specify) Pleas go though the Taxes and Duties clause mentioned in Terms & Conditions			
	GRAND TOTAL (F.O.R, SAMEER) INCLUDING ALL (Srl. No. 8 + Srl No. 9)			
TOTAL AMOUNT (IN WORDS)				

Please note seriously that if there is any mistake in calculation in total amount or different in figure and words, the bid will be treated as invalid and rejected. Hence kindly check your quoted price at your end sharply before submission of bid.

Signature with date and seal of the authorized person