

Bid Document

Bid Details	
Bid End Date/Time	12-08-2022 09:00:00
Bid Opening Date/Time	12-08-2022 09:30:00
Bid Offer Validity (From End Date)	65 (Days)
Ministry/State Name	Ministry Of Science And Technology
Department Name	Department Of Science And Technology (dst)
Organisation Name	Indian Institute Of Astrophysics (iia)
Office Name	Bengaluru
Total Quantity	2
Item Category	Split Air Conditioner Including Green AC - (Version 2.0) (Q2)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	OEM Authorization Certificate, Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled	Yes
RA Qualification Rule	H1-Highest Priced Bid Elimination
Time allowed for Technical Clarifications during technical evaluation	2 Days
Evaluation Method	Total value wise evaluation

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

MII Purchase Preference

MII Purchase Preference	No
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MSE Purchase Preference

MSE Purchase Preference	Yes
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1. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY.

2. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:

- i. If number of technically qualified bidders are only 2 or 3.
- ii. If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
- iii. In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
- iv. If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1
- v. If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

Split Air Conditioner Including Green AC - (Version 2.0) (2 pieces)

Brand Type	Registered Brand
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
STANDARDS	Unit Mounting Arrangement	Indoor Unit - Wall Mount type
	Availability of BIS/ISI Mark certification	Yes
	Air Conditioner Compliance	AC
	BEE Star rating of the product (in Nos.) (Central Ministries/ Departments while procuring shall ensure that the items carry 5 star (under normal conditions where annual usages is expected to be more than 1000 hrs),3 Star (where usage is Limited)or h	5.0 Or higher

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	Nominal Marketing capacity as per BEE Star Rating Label (hint: 1 Ton = 3000 Kcal/Hr, Tolerance +/- 10%) (in Ton)	1.5
	Rated cooling capacity (in Watts) as per IS:1391 (Part 2)	$5201 \leq 7000$
	Technology of air conditioner	Inverter AC - Variable Speed
	ISEER (Wh/Wh) values for compliance of Green AC	Not applicable for Non Green AC
	Rated voltage (in Volts)	230 V, 1 Phase, 50 Hz, AC
REFRIGERANTS	Eco-friendly Refrigerant	Yes
	Refrigerant designation	R 32
	Refrigerant Global warming potential (GWP)	675 (for R32)
	Refrigerant Ozone Depletion Potential is Zero	No
CONSTRUCTION	Classification by function	Cooling only (Cooling and dehumidification during cooling mode)
	Heating capacity (in Watts)	Not applicable for Cooling only (Cooling and dehumidification during cooling mode)
	Compressor Type	Dual / twin Rotary Type
	Additional requirement	Not applicable
MATERIAL	Material of Evaporator	Copper Or higher
	Material of Condensor	Copper Or higher
	Material of Air Filter (on indoor unit)	Synthetic Fiber
ENVIRONMENTAL FEATURE	Environmental Friendly Paint	Yes (Paint does not contain heavy metals or their compounds include mercury (Hg), lead (Pb), cadmium (Cd) and hexavalent chromium (Cr))
	Recycled Plastic Components	>80% by weight of total plastic components in product, <80% by weight of total plastic components in product
MARKING AND PACKING	Mode of packing	Packed with Biodegradable Material
ACCESSORIES	Supply cord and the interconnecting cord between the indoor and outdoor uni	3 m (PVC Insulated sheathed cables as per IS:694)
WARRANTY	Warranty on compressor (in Years)	10 (for Inverter AC) upto including 2 Ton capacity
INSTALLATION	Installation	Standard Installation included (Scope of installation as per STC attached)

Specification	Specification Name	Bid Requirement (Allowed Values)
CERTIFICATION	Environmental Management Certification	ISO: 14000
	Other certification	Not applicable

Additional Specification Documents

Applicable Specification Document	View
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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Vishnu Vardhan KP	560034, Indian Institute of Astrophysics 2nd block, Koramangala, Bangalore	2	45

Special terms and conditions-Version:3 effective from 12-07-2022 for category Split Air Conditioner Including Green AC - (Version 2.0)

- Central Ministries/ Departments while procuring electrical appliances notified by the Department of Expenditure (DoE) shall ensure that they carry the notified threshold or higher Star Rating of Bureau of Energy Efficiency (BEE). In this regard, DoE OM No.26/6/2012-PPD dated 21.01.2013 may also be referred wherein appliances and threshold star rating have been circulated.

STC FOR SPLIT AIR CONDITIONERS

- **Scope of installation and Commissioning for Ceiling Mount / Cassette AC**
 1. Mounting/Fitting of indoor and outdoor units at the respective locations after cutting the false ceiling / drilling holes into the roof, if required.
 2. Laying of refrigerant piping and connecting with indoor and outdoor units after drilling hole/holes in the wall, if required.
 3. Checking / Charging Refrigerant gas in the unit.
 4. Suitable electric wiring between indoor unit and switch upto 3 meters length.
 5. Testing for satisfactory working without any abnormal noise as well as leakage test of entire
 - **Following are not included in the scope of supply for Ceiling Mount / Cassette AC:**
 1. Refrigerant pipe of required length.
 2. Set of 4 nos. of Rods for fixing Cassette AC to the roof.
 3. Chiselling / Ducting / grooving for concealing the Refrigerant piping / cabling
 4. Switches/ Sockets / Plug Tops / Voltage Stabilizer./ Stand for ODU/Drain pipe/Angles
- **Scope of installation and Commissioning for Floor Standing / Tower type Split AC**
 1. Mounting/Fitting of indoor and outdoor units at the respective locations.
 2. Laying of refrigerant piping and connecting with indoor and outdoor units after drilling hole/holes in the wall, if required.
 3. Checking / Charging Refrigerant gas in the unit.
 4. Suitable electric wiring between indoor unit and switch upto 3 meters length.

5. Testing for satisfactory working without any abnormal noise as well as leakage test of entire
 - **Following are not included in the scope of supply for Floor Standing / Tower type Split AC**
 1. Refrigerant pipe of required length.
 2. Chiselling / Ducting / grooving for concealing the Refrigerant piping / cabling
 3. Switches/ Sockets / Plug Tops / Voltage Stabilizer / Stand for ODU/Drain pipe/Angles
 - **Scope of installation and Commissioning for Wall Mount / High wall Split AC**
 1. Mounting/Fitting of indoor and outdoor units at the respective locations.
 2. Laying of refrigerant piping and connecting with indoor and outdoor units after drilling hole/holes in the wall, if required.
 3. Checking / Charging Refrigerant gas in the unit.
 4. Suitable electric wiring between indoor unit and switch upto 3 meters length
 5. Testing for satisfactory working without any abnormal noise as well as leakage test of entire system
 - **Following are not included in the scope of supply for Wall Mount / High wall Split AC**
 1. Chiselling / Ducting / grooving for concealing the Refrigerant piping / cabling
 2. Switches/ Sockets / Plug Tops / Voltage Stabilizer/Stand for ODU/Drain pipe/Angles

Buyer Added Bid Specific Terms and Conditions

1. Scope of Supply

Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

2. Certificates

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity/restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and/or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents/clauses shall also be null and void. If any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations. Also, GeM does not permit collection of Tender fee / Auction fee in case of Bids / Forward Auction as the case may be. Any stipulation by the Buyer seeking payment of Tender Fee / Auction fee through ATC clauses would be treated as null and void.

[This Bid is also governed by the General Terms and Conditions](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---Thank You---

