

### Bid Document

Bid Details	
Bid End Date/Time	20-08-2020 11:00:00
Bid Opening Date/Time	20-08-2020 11:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (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	1
Item Category	Angle Cutter (Electric)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Bid to RA enabled	No
Inspection Required	No

#### EMD Detail

Required	No
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#### ePBG Detail

Required	No
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#### Splitting

Bid splitting not applied.

### Angle Cutter (Electric) ( 1 pieces )

#### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Standard Parameters	Confirmity to Standards and Certifications of product	EN/DIN/US or Equivalent standards	*
	Confirmity to Standards	EN/DIN/US or Equivalent	*

	and Certifications of Cutting blade supplied	standards	
Performance Parameters	Purpose	Used for cutting hard materials such as ceramic tile, concrete, stone and metal	*
	Power source	Electric Motor	*
	Input Power	Single Phase (230 V, 50 Hz)	*
	Power rating of Electric motor with $\pm 10\%$ tolerance ( in watt)	2600	*
	Maximum Speed in no load with $\pm 10\%$ tolerance ( in rpm)	4900	*
	Maximum speed in full load with $\pm 10\%$ tolerance (in rpm)	3000	*
	Cutting depth capacity (in mm )	100	*
	15 Ampere 3 core electrical cord as per Indian Standard Specifications with 3 pin plug to be provided	Yes	*
	Length of electrical cord (in meter)	5	*
	Provision to mount replaceable blade provided	Yes	*
	<b>Type of replaceable cutting blade can be mounted on angle cutter</b>	Tungsten carbide blade	Tungsten carbide blade
	<b>Size of replaceable cutting blade provided with machine with <math>\pm 5\text{ mm}</math> tolerance ( in mm)</b>	305	305
	Size of Arbor of replaceable cutting blade (in mm)	25	*
	Type of cutting blade provided as an integral part of angle cutter	Tungsten carbide blade	*
	Arbor size of blade to be compatible with machine	Yes	*
	Provision to adjust the position of tool body through a minimum of 70 degrees independent of cutting depth provided	Yes	*
	Facility of removal the tool base for cutting closer to the walls and provision of guide wheels on tool guard to	Yes	*

	ensure smooth travel over the surface material provided		
	Vaccum Port for removal of the dust and debris as well as a shield for keeping debris away from the operator provided	Yes	*
	Availability of System for disengaging gear from motor to minimize effect of kick back as a feature to ensure operator safety	Not Available	*
	Rubberized wrap around handle to be provided	Yes	*
	Lock on button for continuous operation after start up	No	*
	Overall dimnesion of angle cutter (L xW x H) in ( mm x mm x mm)	-	*
	Weight of angle cutter (in kg)	1.9	*
	<b>Warranty in years</b>	1	1
Addition parameters	<b>Number of spare Diamond blade provided</b>	Not Provided	Not Provided
	<b>Number of spare Carbide blade provided</b>	Not Provided	Not Provided
	The blades supplied with machine and spare blades supplied shall be of Make of OEM of the machine or OEM must be having authorisation from the manufacturer of the blade	Yes	*
	Carrying case provided	Yes	*
	Number of operation and instruction manual provided	2	*
	Standard tool kit for maintenance and trouble shooting to be provided with machine	Yes	*
	Demonstration of equipment and training to be provided after completing supplies	Yes	*
	ISO certification of manufacturer	ISO 9001 2015 or latest	*
	ISO certification number and date	-	*
	Availability of test reports /Certifications	Yes	*

	from Government /NABL /ILAC Approved Lab/Certification Agencies		
	Copies of Test certificates and Certifications to be furnished to buyer on demand at time of supplies	Yes	*

\* Specifications highlighted in bold are the Golden Parameters.

\* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement ( allowed Values) by the Buyer.

#### Additional Specification Documents

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Anbazhagan P	635701,Kavalur Alangayam contact Mr. Rajinikanth :9884534310	1	15

#### Bid Specific Additional Terms and Conditions

1. 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.
2. Material Test Certificate Should Be Sent Along with The Supply. The Material Will Be Checked by Buyer's Lab & the Results of the Lab will be the Sole Criteria for Acceptance of the Item.
3. Scope of supply (Bid price to include all cost components) : Only supply of Goods
4. The buyer organization is an institution eligible for concessional rates of GST as notified by the Government of India. The goods for which bids have been invited fall under classification of GST concession and the conditions for eligibility of concession are met by the institution. A certificate to this effect will be issued by Buyer to the Seller after award of the Contract. Sellers are requested to submit their bids after accounting for the Concessional rate of GST.  
Applicable Concessional rate of GST : 5%  
Notification No. and date : Notification Number 45/2017 Central Tax (Rate) dated 14/11/2017

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

---Thank You---