



Bid Document

Bid Details				
Bid End Date/Time	07-09-2021 12:00:00			
Bid Opening Date/Time	07-09-2021 12:30:00			
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	1026			
Item Category	Led Luminaire (For Flood Light)-IS:10322, IS:16107, Powe Cable For Direct Burial Xlpe Ugac Cable-IS: 10418, Led Street Light			
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 *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	No			
Primary product category	Led Luminaire (For Flood Light)-IS:10322, IS:16107			
Time allowed for Technical Clarifications during technical evaluation	2 Days			
Evaluation Method	Total value wise evaluation			

EMD Detail

Required	No
----------	----

ePBG Detail

Required	No
l .	

Splitting

Bid splitting not applied.

MII Purchase Preference

MII Purchase Preference	No
-------------------------	----

MSE Purchase Preference

MSE Purchase Preference	Yes

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.

Led Luminaire (For Flood Light)-IS:10322, IS:16107 (10 pieces)

Brand Type	Registered Brand

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Bid Requirement (Allowed Values)	
STANDARDS	LED Luminaire conformity to IS:10322/Part 5/Section 5/2012 latest and IS: 16107 (Part 2/Sec 1):2012 latest	Yes	
	LED Rating/System Wattage/Rated Power	250W	
	Ingress Protection (IP Rating) as per IS:10322 (Part 1):1982 latest	IP65	
	Warranty for free replacement (in Years)	2	
ELECTRICAL EFFICIENCY	Input operating Voltage range and frequency	140 to 270 V olts AC at 50 Hz+/-2 Hz with auto cutt off at below 120V	
	Rated voltage	230 V AC 50 Hz	
	Total Harmonics Distortion (in %age)	≤ 10	
OPTICAL	Colour temperature (+/- 500K)	6000K	

Specification	Specification Name	Bid Requirement (Allowed Values)
	Working life for LED (Minimum 50,000 burning hours as per LM-80 report)	Yes
	Colour Rendering Index(CRI)	≥70
	Optic lense materal (UV stabilised) (Write NA for without optic lense supply)	Poly carbonate lense
THERMAL MANAGEMENT	Heat sink should be die-cast aluminium along with sufficient heat sink fins to dissipate heat effectively	Yes
	Junction temperature	< 85 degC
	Operating temperature range	-20 deg C to +50 deg C
PROTECTION The luminaire shall be protected against surges and transients (Internal)		>/=5KV
	The luminaire shall be protected against surges and transients of >/=10KV (External)	Yes
CONSTRUCTIONAL	The Luminaires casing/housing (single piece housing) shall be pressure die casted aluminium alloy with higher thermal conductivity	Yes
	Number of electronic control gear (power supplies)	1 No.
	Suitable connector shall be provided for LED connection between driver output and LED	Yes
	Length of ISI marked three core wire (shall be provided along with supply of material)	50 cm
REPORTS AND CERTIFICATIONS	LED Make	OSRAM / NICHIA/CREE / SAMSUNG / SEOUL / LUMILED / PHILIPS / EDISON / SYSKA / LUMENMAX / EVERLIGHT / BRIDGELUX / NATIONSTAR / REFOND

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporti ng Officer	Address	Quantity	Delivery Days
1	Ebenezer Chellasamy Edwin	624103,Kodaikanal Solar Observatory Indian Institute of Astrophysics KODAIKANAL	10	30

Power Cable For Direct Burial XIpe Ugac Cable-IS: 10418 (1000 meter)

Brand Type Registered Brand	Brand Type	Registered Brand
-------------------------------	------------	------------------

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Bid Requirement (Allowed Values)		
GENERIC Size of Cable (in Sq.mm)		10.0		
	Number of cores (nos)	3.5, 4		
	Cable Type	PVC outer Sheathed FR of Type ST-2 cable FR Grade C1 Category having heat resisting insulation of PVC compound type C with aluminum conductor suitable for rated voltage at 1100 volts grade and conforming to IS: 1554 Part-1 1988 reaffirmed 2005		
	Armouring	Galvanised round steel wire armoured		
	Armouring Type	Double wire or strip armouring		
shape of conductor		Stranded		
CONSTRUCTIONAL Material of conductor		Aluminium EC Grade		
	standard cable length on a drum	250 meter for size 240sqmm and above.		
CERTIFICATIONS Availability of Type test report from Central government/NABL/ILAC accridiated laboratory to prove conformity to the specification for minimum and maximum ratings.		yes		

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporti ng Officer	Address	Quantity	Delivery Days
1	Ebenezer Chellasamy Edwin	624103,Kodaikanal Solar Observatory Indian Institute of Astrophysics KODAIKANAL	1000	30

Led Street Light (16 pieces)

Brand Type Registered Brand	
-----------------------------	--

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Bid Requirement (Allowed Values)	
Constructional	LED Rating (in Watts)/System Wattage/Rated Power	18, 25, 30, 36, 45, 60, 70, 90, 110, 120, 150, 160, 180, 200, 48, 20, 40, 80, 24, 72, 100, 50 Or higher	
	Length of ISI marked three core wire (shall be provided along with supply of material)	50, 100 Or higher	
	Number of electronic control gear (power supplies)	1, 2, 3, 4 Or higher	
Electrical Efficiency	Input operating Voltage range and frequency	90 to 300 Volts AC at 50 Hz+/-2	
	Driver Efficiency (in %age)	Upto 100W: >/=85%	
Optical	Colour temperature	6000 +/- 500K	
	LED chip Efficacy	>/=105 Lm/Watt	
Protection	The luminaire shall be protected against surges and transients of >/=10KV (External)	Yes	
	The luminaire shall be protected against surges and transients (Internal)	>/=4KV	
Thermal Management	Operating Temperature Range	-10 deg C to +50 deg C	
Standards	Warranty for free replacement (in years)	1	
	Ingress Protection (IP Rating) as per IS:10322 (Part 1):1982 latest	IP66	
Reports And Certifications	LED Make	OSRAM / NICHIA / CREE / SAMSUNG / SEOUL / LUMILEDS / PHILIPS / SYSKA / LUMENMAX / EVERLIGHT / EDISON / BRIDGELUX / NATIONSTAR / REFOND / NICHIA / CREE / SAMSUNG / SEOUL / LUMILEDS / PHILIPS / SYSKA / LUMENMAX / EVERLIGHT / EDISON / BRIDGE	

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporti ng Officer	Address	Quantity	Delivery Days
1	Ebenezer Chellasamy Edwin	624103,Kodaikanal Solar Observatory Indian Institute of Astrophysics KODAIKANAL	16	30

Special terms and conditions-Version:1 effective from 04-05-2020 for category Power Cable For Direct Burial XIpe Ugac Cable-IS: 10418

Specification for Cross linked Polyethylene insulated thermoplastic sheathed cables" is as per IS:7098 (Part 1):1988 with latest amendments including amendment no.5. Manufacturer shall furnish calculation sheet as per Appendix-C of IS:7098 (Part 1):1988 amdt., no.5 to buyer/consignee on demand. (Gem Category: Cross linked polyethylene and XLPE insulated PVC outer sheathed cable with aluminum conductor suitable for rated voltage at 1100 volts grade and conforming to IS: 7098 Part-1 1988 with latest amendment including amendment no.5)

Buyer Added Bid Specific Additional Terms and Conditions

- 1. Scope of supply (Bid price to include all cost components) : Only supply of Goods
- 2. 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.
- 3. ISO 9001: The bidder or the OEM of the offered products must have ISO 9001 certification.
- 4. 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.
- 5. The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.
- 6. Warranty period of the supplied products shall be 1 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.
- 7. 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: 47/2017 dated 14/11/2017

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 specification 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.

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---