

### Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 11:00:00
Bid Opening Date/Time	27-07-2020 11:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Ministry Of Railways
Department Name	Na
Organisation Name	N/a
Office Name	Eastern Railway
Total Quantity	25
Item Category	Astronomical Timer for Street Light Control (Timer Controls)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Certificate (Requested in ATC) *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
Inspection Required	No

### EMD Detail

Required	No
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### ePBG Detail

Required	No
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### Splitting

Bid splitting not applied.

## Astronomical Timer For Street Light Control (Timer Controls) ( 25 pieces )

### Technical Specifications

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

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
CONSTRUCTIONAL	<b>No. of phase</b>	Single	Single
	<b>Power rating/indicative current rating for relay on 230 V basis and 0.6 PF</b>	1 Phase, 6 kW/43A	1 Phase, 6 kW/43A
	System Rated Voltage (+/-10%)	230 Volt, 50 Hz	*
	IP Rating	IP 54	*
	Manually settable timer with 12 programmes spreaded over a year as defined programme	Yes	*
	Manual ON / OFF	Yes	*
	Intermediate ON-OFF	Yes	*
	ON/OFF Timing accuracy	</=60 seconds	*
GENERIC	ATSC is an intelligent streetlight control timer that can be used to control several existing street light units	Yes	*
	<b>Network/Communication support through GPRS and with GPS</b>	No	No
	Each ATSC has built in networking support that communicates to the central server that can control each phase independently and log the performance of all or a cluster of streetlights (If "NO" write NA)	NA	*
	Built in feature Astronomical timer	Yes	*
	ATSC shall display of Longitude, Latitude,	Yes	*

	Date, Time, Voltage, Current and On time and Off time		
	Display of Energy in Kwh and Measurement of energy (in kWh) ( non utility) with resolution 1%	No	*
PROTECTION	Over Voltage Protection per phase	260 Volt +/- 5 Volt	*
	Under Voltage Protection per phase	160 Volt +/- 5 Volt	*
	Over Load (Minimum 10% of rated load) Protection per phase	Yes	*
	Dimensions (Lmm x Wmm x Hmm) - must declare	-	*
OPERATING CONDITIONS	Operating Temperature Range	-10 to +50 deg C	*
	Relative Humidity (%)	95%	*
WARRANTY	<b>Warranty (in Years)</b>	1	1
ENVIRONMENTAL / CERTIFICATION	Conformity to Dry Heat test at 55 degree C for 16 hours as per IS :9000 (Part 3/Sec.5):1977 latest	Yes	*
	Conformity to Damp heat at 40 degree C - 95% RH (cyclic test): two cycles of 12+12 hours as per IS: 9000 (Part 5/Sec.2):1981 latest	Yes	*
	Conformity to Cold test at -10 degree C for 4 hours as per IS: 9000 (Part 2/Secc.4):1977 latest, as applicable	Yes	*
	Availability of Type Test Report from Central Govt./NABL/ILAC accredited lab to prove conformity to specification	Yes	*
	All the test reports shall furnish to the buyer/consignee on demand	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	Prakash Chand Meena	711101,DRM Building Eastern Railway Howrah	25	20

### Bid Specific Additional Terms and Conditions

1. Procurement under this bid is reserved for purchase from Micro and Small Enterprises whose credentials are validated online through Udyog Aadhaar for that product category. If the bidder wants to avail the reservation benefit, 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.
2. Purchase preference to Micro and Small Enterprises (MSEs) from the State of Bid Inviting Authority : Purchase preference will be given to MSEs as Micro and Small Enterprises from the State of Bid inviting Authority whose credentials are validated online through Udyog Aadhaar for that product category. 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 % 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 percentage of 20% of total value as defined/ decided in relevant policy.
3. 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% 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 percentage of 20% of total value.
4. Scope of supply (Bid price to include all cost components) : Only supply of Goods

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

**---Thank You---**