

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 13:00:00
Bid Opening Date/Time	20-07-2020 13:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Railways
Department Name	Na
Organisation Name	N/a
Office Name	Secr
Total Quantity	24
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), 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
Inspection Required	No
Estimated Bid Value	90000

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) (24 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
CONSTRUCTIONAL	No. of phase	Single	Single
	Power rating/indicative current rating for relay on 230 V basis and 0.6 PF	1 Phase, 15 kW/109A	1 Phase, 15 kW/109A
	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	*
	Network/Communication support through GPRS and with GPS	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, Date, Time, Voltage, Current and On time and Off time	Yes	*
	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	Warranty (in Years)	2	2
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	Yes	*

	buyer/consignee on demand		
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* 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	Yogesh Ramesh Pophali	492008,Sr DMM SECR DRM Office , South East Central Railway	24	30

Bid Specific Additional Terms and Conditions

1. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
2. **Upload Manufacturer authorization:** Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.
3. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
4. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

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

---Thank You---