

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)	30 (Days)
Ministry/State Name	Ministry Of Railways
Department Name	Na
Organisation Name	N/a
Office Name	Southern Railway
Total Quantity	25
Item Category	ac static watthour meters-Energy meter
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
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Ac Static Watthour Meters-Energy Meter (25 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
FEATURES	Number of phases	Three phase four wire	Three phase four wire
	Reference Voltage	415	415.0
	Basic Current Ib	10	10.0
	Rated maximum current (I max) as (%) of Ib	600	600.0
	Accuracy Class	1	1
GENERIC	Features /requirements conforming to the STC of the product	yes	yes
	Requirement of External Current Transformer	No	*
CERTIFICATION	ISI marked to IS 13779/99 with latest amendments	Yes	*
	CM/L No(Not a part of biddable parameter)	-	*
ADDITIONAL FEATURES	Additional features/functions, if any	-	*
TEST REPORT DETAILS	Availability of Test Reports from Central Govt / NABL approved / ILAC accredited lab to prove conformity to the specification	yes	yes
	Test Report number and date (Not a part of biddable parameter)	-	*
	Name and address of laboratory (Not a part of biddable parameter)	-	*

* 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 Neelakandan G	620001,Office of the Divisional Electrical Engineer , Tiruchirapalli Railway Station Tiruchirapalli 620001, Tiruchirappalli, 620001	25	30

Special terms and conditions for category ac static watt-hour meters-Energy meter

1. In addition to general terms and conditions to the GeM, following are the special T&C

1. All Electronic Meters shall meet the latest requirements of Central Electricity Authority (Installation & Operation of meters) Regulations.

2. Meters shall be provided with following anti-tampering features:

1. The meter shall not get damaged or rendered non-functional and shall operate accurately even if any phase and neutral are interchanged. LED or LCD indication shall be provided on the meter wherever such tamper occurs for indication purpose.

2. The meter shall register energy even when the return path of the load current is not terminated

- back at the meter and in such a case the circuit shall be completed through the earth. In case of metallic bodies, the earth terminal shall be brought out and provided on the outside of the case.
3. Meter shall operate accurately even when incoming mains is connected to outgoing terminals and load is connected to incoming terminals. LED or LCD indication shall be provided on the meter wherever such tamper occurs.
 4. Three Phase meters shall have anti tampering features like Phase sequence reversal, current reversal, missing potential and missing neutral.
 5. In the case of 3 phase/4 wire system, the meter shall keep working even in the presence of any two wires i.e. even in the absence of neutral and any one phase or any two phases.
 6. In case of whole current meters and LV-CT operated meter, the meter shall be capable of recording energy correctly even if input and output terminals are interchanged.
 7. The registration must occur whether input phase or neutral wire are connected properly or they are interchanged at the input terminals.
 8. The meter shall be factory calibrated and shall be sealed suitably before dispatch.
 9. Neutral missing feature: Meter will register energy even if neutral is disconnected from both ends and load is earthed in single phase.
3. The meter shall be immune to external influences in respect of parameters covered in IS:13779/99 with latest amendments.
 4. All the three phase meters shall have data storage capacity for at least 35 days in a non-volatile memory.
 5. The meter shall have down loading facilities of metered data through Common Meter Reading Instrument (CMRI).
 6. The terminal block, terminal cover and meter case shall ensure reasonable safety against spread of fire.

Bid Specific Additional Terms and Conditions

1. 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---