

Amendment-1

The following amendments are being made in tender specification No. PVVNL-MT/COM/06(s)/22-23 invited, through e-tendering, for supply of 5,00,000 nos. Single Phase Two Wire Electronic energy meter (5-30) Amp. (Along with pilfer proof box & Seals): -

Head	Clause No.	Existing Provision in TS	Amended Provision in TS
		(Type Test)	(Type Test)
Technical Specification for Single Phase Two Wire (05 -30a) Class 1.0 Accuracy Fully Static Watt Hour Meter With LCD Display and Data Downloading	6.1.1	<p>Meter: The supplier shall have to submit all type test certificates from the Govt. approved laboratory viz. for Indian bidder:-</p> <ul style="list-style-type: none"> (i) National Physical Laboratory (NPL), New Delhi. (ii) ERTL (N), New Delhi. (iii) ERTL (W), Mumbai. (iv) ERTL (E) Kolkata. (v) ERTL (S), Thiruvananthapuram. (vi) ERDA-(Vadodara). (vii) CPRI, Bengaluru/Bhopal. <p>For foreign bidder the certificate should be from recognized Govt. approved lab. of that respective country, as per IS No. 13779/1999 or IEC 62053:21 as the case may be along with bid. After opening of Technical Bid, no type test certificate shall be accepted. Type test should not be <u>older than 3 years</u> also the type test certificate as per clause No. 5.13.5 i.e. AC/DC magnetic influence test and cl. no.: 5.13.12 i.e. total energy test shall also be furnished on the same rating of meter. Without above type test certificates, the offer shall not be considered.</p>	<p>Meter: The supplier shall have to submit all type test certificates from the Govt. approved laboratory viz. for Indian bidder:-</p> <ul style="list-style-type: none"> (i) <u>CPRI</u> (ii) <u>ERDA</u> (iii) <u>ERTL</u> <p>For foreign bidder the certificate should be from recognized Govt. approved lab of that respective country, as per IS No. 13779/1999 or IEC 62053:21 as the case may be along with bid. After opening of Technical Bid, no type test certificate shall be accepted. Type test should not be <u>older than 5 years</u> also the type test certificate as per clause No. 5.13.5 i.e. AC/DC magnetic influence test and cl. no.: 5.13.12 i.e. total energy test shall also be furnished on the same rating of meter. Without above type test certificates, the offer shall not be considered.</p>

Technical Specification for Single Phase Two Wire (05 -30a) Class 1.0 Accuracy Fully Static Watt Hour Meter With LCD Display and Data Downloading	5.13(12)	<p>Measurement of Total Energy:-</p> <p>The meter shall record total forwarded energy i.e. fundamental + harmonics to be used for tariff billing purpose for both in phase and out phase harmonic distortion as per clause 8.2.1 of IEC 62053-21 of 2003 alongwith CBIP 304 version. The bidders are requested to enclose certificate of proof in this regard from the reputed Govt. approved lab viz. <u>CPRI, NPL, ERTL & ERDA</u> for Indian bidder and for foreign bidder the certificate should be from recognized Govt. approved lab of that respective country. Without this certificate, the offer shall not be considered. In case on non availability of separate display for test for fundamental & harmonics, the test should be done by using pulse method.</p>	<p>Measurement of Total Energy:-</p> <p>The meter shall record total forwarded energy i.e. fundamental + harmonics to be used for tariff billing purpose for both in phase and out phase harmonic distortion as per clause 8.2.1 of IEC 62053-21 of 2003 alongwith CBIP 304 version. The bidders are requested to enclose certificate of proof in this regard from the reputed Govt. approved lab viz. <u>CPRI, ERTL & ERDA</u> for Indian bidder and for foreign bidder the certificate should be from recognized Govt. approved lab of that respective country. Without this certificate, the offer shall not be considered. In case on non availability of separate display for test for fundamental & harmonics, the test should be done by using pulse method.</p>
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