



**RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED**  
(An ISO 9001:2008 certified company)  
**OFFICE OF THE SUPERINTENDING ENGINEER (PROCUREMENT-I)**

Gate #3, Old Power House Premises, Near Ram Mandir, Banipark, JAIPUR- 302006  
Phone: 0141-2208916 Fax: 0141-2208915

No. RVPN/SE/Proc-I/XEn-3/A-5/BN-9015001837/D.1663

Dt. 9.1.2018

**AMENDMENT IN MERGED SPECIFICATION OF 220 KV & 132 KV FEEDER, BUS COUPLER & TRANSFORMER CONTROL & RELAY PANELS**  
**UNDER BN-9015001837**

S. No.	Clause No.	Existing provision in BN-9015001837 for 220 kV & 132 kV Feeder, Bus Coupler & Transformer Control & Relay Panels	Amended provision in BN-9015001837 for 220 kV & 132 kV Feeder, Bus Coupler & Transformer Control & Relay Panels						
1.	Volume -II K 5.15	<b>ACCURACY</b> Class of accuracy of the meter shall be 0.2S for active energy & 0.5S for reactive energy. The accuracy should not drift with time. The measurement of accuracy of the parameters shall be as under: <table style="margin-left: 40px;"><tr><td>Parameter</td><td>Accuracy class of meter</td></tr><tr><td>KWh</td><td>0.2S</td></tr><tr><td>KVArh</td><td>0.5S</td></tr></table>	Parameter	Accuracy class of meter	KWh	0.2S	KVArh	0.5S	<b>ACCURACY</b> Class of accuracy of the meter shall be 0.2S for active energy & 0.5S for reactive energy. The accuracy should not drift with time
Parameter	Accuracy class of meter								
KWh	0.2S								
KVArh	0.5S								
2.	7.11	<b>Display Sequence :</b> Note: The following TOD wise billing parameters like active energy (Imp./Exp.), apparent energy (Imp./Exp.) and maximum demand (Imp./Exp.) though not provided on meter display, should be logged in the meter memory and be capable of being downloaded to the BASIC COMPUTER SOFTWARE directly and through the CMRI	<b>Display Sequence :</b> Note: The following TOD wise billing parameters like active energy (Imp./Exp.), apparent energy (Imp./Exp.) and maximum demand (Imp./Exp.) should be logged in the meter memory and be capable of being downloaded to the BASIC COMPUTER SOFTWARE directly and through the CMRI						
3.	9.1	<b>TYPE TESTS</b> The energy meters offered shall be fully type tested at NABL accredited Test Laboratories as per relevant standards described in clause No. 2.0 of the specification. The bidder	<b>TYPE TESTS</b> The energy meters shall be fully type tested at NABL accredited Test Laboratories as per relevant standards described in clause No. 2.0 of the specification. The						

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		must furnish two sets of type test reports in respect of AC static HT trivector meter (TOD Meters) of 0.2S accuracy class of both current ratings alongwith the bid. These type tests must not have been conducted earlier than seven years from the date of opening of bid. Bids without type test reports will be treated as non-responsive.	bidder must furnish type test reports in respect of AC static HT trivector meter (TOD Meters) of 0.2S accuracy class of both current ratings. These type tests must not have been conducted earlier than seven years from the date of opening of bid.
4.	9.3	<p><b>TYPE TESTS TO BE CONDUCTED ON TWO UNITS OF EACH TYPE AND EACH RATING AS PER RELEVANT STANDARD NO. 14697 - 1999/ IEC 687- 1992/ CBIP PUBLICATION NO. 304 / IS - 9000.</b></p> <p>However, the purchaser reserves the right to demand repetition of some or all the type tests in the presence of Purchaser's representative. For this purpose, the bidder should indicate unit rates for carrying out such type tests. These test charges shall not be taken into consideration for bid evaluation.</p>	<p><b>TYPE TESTS TO BE CONDUCTED ON TWO UNITS OF EACH TYPE AND EACH RATING AS PER RELEVANT STANDARD NO. 14697 - 1999/ IEC 687- 1992/ CBIP PUBLICATION NO. 304 / IS - 9000.</b></p> <p><b>Deleted.</b></p>
5.	9.4	<b>Tests Before Dispatch:</b>	<b>Deleted</b>
6.	9.5	<b>Tests On Bought Out Items:</b>	<b>Deleted</b>
7.	9.6	<b>Routine / Acceptance Tests:</b>	<b>Deleted</b>
8.	10.0	<p><b>INSPECTION:</b></p> <p>All the tests (as mentioned at clause 9.4) and inspection shall be made at the place of manufacturer unless otherwise specially agreed upon by the bidder and purchaser at the time of purchase. The bidder shall afford the inspection officer (s) representing the purchaser all reasonable facilities without charges, to satisfy himself that the material is being furnished in accordance with this specification. The purchaser has the right to have the tests carried out at his own cost by an independent agency whenever there is a dispute regarding the quality of supply.</p> <p>The inspection may be carried out by the purchaser at any stage of manufacture / before dispatch as per relevant standard.</p>	<p><b>INSPECTION:</b></p> <p>The purchaser reserves the right to insist for witnessing the acceptance/routine testing of the bought out items.</p>

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		<p>Inspection and acceptance of any material under the specification by the purchaser shall not relieve the bidder of his obligation of furnishing material in accordance with the specification and shall not prevent subsequent rejection if the material (s) is /are found to be defective. The bidder shall keep the purchaser informed in advance about the manufacturing programme so that arrangements can be made for inspection.</p> <p>The purchaser reserves the right to insist for witnessing the acceptance/routine testing of the bought out items.</p> <p>The bidder shall give 15 days (for domestic supplies) / 30 days (in case of foreign bidders) advance intimation to enable the purchaser to depute his representative for witnessing the acceptance and routine test.</p>	
9.	11.0	<b>QUALITY ASSURANCE PLAN:</b>	<b>Deleted</b>
10.	12.0	<b>DOCUMENTATION:</b>	<b>Deleted</b>
11.	13.0	<p><b>MOUNTING OF METERS :</b></p> <p>The meter shall be wired/ mounted on the C&amp;R Panel.</p>	<p><b>MOUNTING OF METERS :</b></p> <p>The meter shall be wired/ mounted on the <b>front side of</b> the C&amp;R Panel.</p>
12.	14.0	<p><b>FURNISHING OF SAMPLES ( for HT-TVM of make other than acceptable):</b></p> <p>a) One No. sample meter of each rating, alongwith all associated software, shall be supplied by the bidder to the Purchaser along with type test certificates as per clause No. 6.0 of the specification for checking and testing in our Meter Testing Laboratory at Jaipur for routine / acceptance tests to ensure that offered meter meets the requirement specified under clause 5.0 of the specifications. It shall be the responsibility of the bidder to get the sample meter tested in his presence at our testing laboratories within 15 days from date of opening of technical bid. In case of failure to do so, the bid shall be rejected.</p>	<p><b>FURNISHING OF SAMPLES ( for HT-TVM of make other than acceptable):</b></p> <p>a) One No. sample meter of each rating, alongwith all associated software, shall be supplied by the bidder to the Purchaser along with type test certificates as per clause No. 6.0 of the specification for checking and testing in our Meter Testing Laboratory at Jaipur for routine / acceptance tests to ensure that offered meter meets the requirement specified under clause 5.0 of the specifications. It shall be the responsibility of the bidder to get the sample meter tested in his presence at our testing laboratories.</p>

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		c) The successful bidder shall supply one No. meter of each type & rating identical to the ones to be supplied along with all associated software, within one month from the date of contract agreement. The sample(s) will be got tested at the discretion of the purchaser at any of the Indian standard laboratories. All the testing charges shall be borne by the purchaser, but in case of failure of the meter to pass the tests, the same will be recovered from the bidder. The bidder can commence the supply only after approval of sample.	c) The bidder can commence the supply only after approval of sample.
13.	15.0	<b>GUARANTEE:</b> The meters supplied should be guaranteed for its performance for a minimum period of five (5) years from the date of commissioning or five and a half (5½) years from the date of receipt of last consignment in stores, whichever date is earlier. The equipment found defective within the above guarantee period shall be repaired / replaced by the bidder free of cost within one month of receipt of intimation. The bidder shall also furnish an undertaking that there shall be no drift in the accuracy class of the meter for a minimum period of 10 years from the date of supply.	<b>GUARANTEE:</b> The meters supplied should be guaranteed for its performance for a minimum period of <b>30 months</b> from the date of commissioning or <b>36 months</b> from the date of receipt of last consignment in stores, whichever date is earlier. The equipment found defective within the above guarantee period shall be repaired / replaced by the bidder free of cost within one month of receipt of intimation. The bidder shall also furnish an undertaking that there shall be no drift in the accuracy class of the meter for a minimum period of 10 years from the date of supply.
14.	Volume - IIJ 12.07.2	<b>132kV Bus Coupler Relay Panel:</b> 8 Six Trip circuit supervision relay suitable both for & close position of circuit breaker.	<b>132kV Bus Coupler Relay Panel:</b> 8 Two Trip circuit supervision relay suitable both & close position of circuit breaker.

Other terms and conditions of the Bid Document shall remain unchanged.

(O.P.Bansal)  
Superintending Engineer (Proc. -I)