JAIPUR VIDYUT VITRAN NIGAM LIMITED
OFFICE OF THE SUPERINTENDING ENGINEER (MM)
OLD POWER HOUSE PREMISES, BANI PARK, JAIPUR - 302006
PH:0141-2202607 FAX.: 0141-2202025

NO.JPD/SE/MM/SPO-IV/TN-2355/D. 2290 DATED: 10.9.16

CORRIGENDUM No. 2

TN-2355

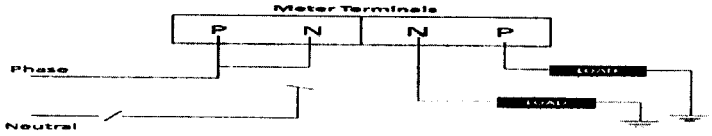
(TENDER ENQUIRY FOR PURCHASE OF SINGLE PHASE STATIC ENERGY METERS WITH METER BOX HAVING DLMS PROTOCOL WITH ADDL. PORT ON LPRF TECHNOLOGY)

The Addendum/Corrigendum in the above technical specification is issued as under:-

Technical Specification (Section-III)

Following clauses are hereby amended to read as under:-

Sr. No.	Particulars	Spec. Clause no.	To be read as under:-
1	Base cut tamper	7.6(i)b	This clause is hereby deleted.
2	LCD Display , Sr. No. of meter	7.3(C)(b) ii	Pictorial view of LCD Display below Sr. No. of meter is hereby deleted.
3	Reading through LPRF in case of power failure without use of push button	7.5 (B) i	This clause is hereby amended to read as under:- "In case of failure of power supply, it shall be possible to download the reading at least two times in an interval of maximum 10 minutes through an in-built battery **with the use of push button**."
4	LPRF should be able to read meter at aerial distance of min. 100 m	7.5 (C) iv	This clause is hereby amended to read as under:- **"The LPRF should be able to read meter at a distance of minimum 100 meters in clear line to sight ."**
5	phase split & neutral disconnection tamper	7.6 (h)	This clause is hereby amended to read as under:- Even if the incoming phase and neutral terminal of meter are connected to phase wire of the supply and the load is connected on both phase and neutral or either of the two element of the meter separately and is being run through earth, the meter should record energy as per rated voltage, rated frequency and 0.866 Power Factor (Lag), in proportion to the current drawn with accuracy of meter within ±3%. The test will be

			conducted through pulse output without use of push button. Same should also be logged as event with date & time. Detailed circuit diagram is as under:- 
6	sealing arrangement of meter	7.7	The words "Nickel plated steel" appearing in this clause are hereby amended to read as **"Nickel plated steel or Nickel plated Brass"**
7	Threshold value for recording energy under tamper condition.	7.6(K) 2	The value "0.4% Ib" appearing in this clause is hereby amended to read as **"0.2% Ib"**
8	Through LPRF comm. Port	7.5 (B)	The sentence "The LPRF shall be provided on the meter cover" appearing in this clause is hereby **deleted.**
9	Salient features of CMRI	7.5 (c)	Point No. vii is hereby added after Point No. (vi) as under:- **(vii)Certified standard - CBIP-111**
10	Speed of processor of CMRI	7.5 (C)III- iv	The speed of processor "1 GHz" appearing in this clause is hereby amended to read as **"400MHz & above".**
11	Material of Terminal Block(TB)	7.2 (b)	The words "phenol formaldehyde" appearing in this clause are hereby amended to read as **"Phenol formaldehyde/Poly carbonate."**
12	Power Consumption	6.4	The words "1.0 Watt " appearing in this clause are hereby amended to read as **"1.5 Watts"**
13	General requirement of optical port	7.5 (C) III	The words "as well as additional connecting cable of minimum 1.5 mtr. length for spot billing compatible to optical port of the meter and SBM," appearing in this clause are hereby **deleted.**
14	General requirement of optical port	7.5 (A) bullet No. 5 (Communication capability)	Bullet No. 5 is hereby amended to read as under:- • The CMRI should have the provision to connect the external **RF module through a 9 pin D-type serial connector** so that module of the different makes can be connected to CMRI to read & retrieve the data of their respective make of meters.
15	Continuous Display	7.3 C (a) (III)	Point No. (III) of Clause No. 7.3 C (a) is hereby **deleted.**

16	Continuous Display	7.3 C (a) (IV)	Point No. IV of Clause No. 7.3 (C) (a) is hereby converted as point No. III and to be read as : **III) Magnet tamper details with date & time till the removal of magnet as per Cls. No. 7.6 k (3).**
17	Base Cut Tamper	7.6 (i)	The words "Cover Open/Base cut Tamper" appearing in this clause are hereby amended to read as **"Cover Open Tamper"**
18	Base Cut Tamper	7.6 (i) (b)	This clause is hereby **deleted.**
19	Base Cut Tamper	12 (b) (ix) point No. 4 of table	The words "and meter base cut tamper" appearing in this clause are hereby **deleted.**
20	Base Cut Tamper (GTP)	Annexure-A-1 point No. 28A(a) III of GTP	This point of GTP is hereby **deleted**
21	DC signal injected through Diode	7.6 (g)	The words "in the range of Vref ±1%" appearing in this clause are hereby amended to read as **", Vref"**
22	Standards Applicable	3.0 point No. 6 of table & note appearing after table.	The word "304" is hereby amended to read as **"325"**
23.	Inspection & Testing	14.0 (b)	The words "CBIP 88" appearing in this clause are hereby amended to read as **"CBIP 325"**
24	Marking of meter box (Section-III Volume-B)	2.4.7	The word "engraved" appearing in this clause is hereby amended to read as **"embossed/ engraved"**

(ASHOK MATHUR)
SUPERINTENDING ENGINEER (MM)

1) Copy submitted to the Chief Engineer(MM) Ajmer Discom/ Jodhpur Discom, Ajmer/Jodhpur for information.
2) Copy forwarded to the Superintending Engineer (IT), Jaipur Discom, Jaipur for arranging the hosting of above corrigendum at Nigam's website.

SUPERINTENDING ENGINEER (MM)