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NO.JPD/SE/MM/SPO-IV/TN-2416/D. 4902

DATED: 27/9/17

CORRIGENDUM No. 2

TN-2416

(TENDER ENQUIRY FOR PURCHASE OF A.C. STATIC THREE PHASE, FOUR WIRE, HAVING DLMS PROTOCOL WITH OPTICAL & ADDITIONAL LPRF PORT 10-60A RATING WHOLE CURRENT, CLASS 1.0 ACCURACY, KWH ENERGY METERS HAVING POLYCARBONATE METER CASE AND BACKLIT LCD DISPLAY WITH SEPARATE MOULDED POLYCARBONATE CUPBOARD AGAINST TN-2416.

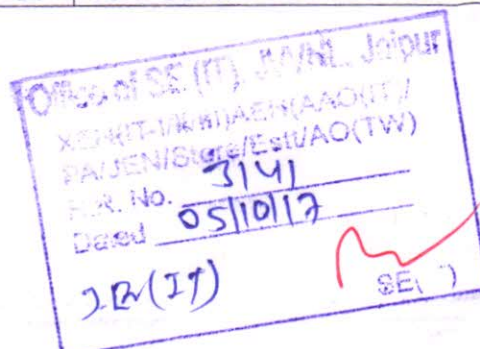
The Addendum/Corrigendum in the above technical specification is issued as under:-

Technical Specification (Section-III)

Following clauses are hereby amended to be read as under:-

S. No	Specification Clause	Current Specification	Amended Specification
1.	Title	TECHNICAL SPECIFICATION FOR A.C. STATIC THREE PHASE, FOUR WIRE, HAVING DLMS PROTOCOL WITH OPTICAL & ADDITIONAL LPRF PORT 10-60A RATING WHOLE CURRENT, CLASS 1.0 ACCURACY, KWH ENERGY METERS HAVING POLYCARBONATE METER CASE AND BACKLIT LCD DISPLAY WITH SEPARATE MOULDED POLYCARBONATE CUPBOARD AGAINST TN-2416	TECHNICAL SPECIFICATION FOR A.C. STATIC THREE PHASE, FOUR WIRE, HAVING DLMS PROTOCOL WITH OPTICAL & ADDITIONAL RS 232 PORT 10-60A RATING WHOLE CURRENT, CLASS 1.0 ACCURACY, KWH ENERGY METERS HAVING POLYCARBONATE METER CASE AND BACKLIT LCD DISPLAY WITH SEPARATE MOULDED POLYCARBONATE CUPBOARD AGAINST TN-2416.
2	1.0(a) Scope	These meters should be provided with one optical communication port & one LPRF port which should be suitable for establishing local communication with CMRI.	These meters should be provided with one optical communication port & one RS 232 port which should be suitable for establishing local communication with CMRI.
3	2.0 Requirement	The requirement of 3 x 240 Volt 50 Hz A.C. Static Three Phase 10-	The requirement of 3 x 240 Volt 50 Hz A.C. Static Three

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	ent	60 Amp. rating whole current Energy Meters of accuracy class 1.0 with optical port along with separate meter box is as under:	Phase 10-60 Amp. rating whole current Energy Meters of accuracy class 1.0 with optical port and one additional RS 232 port which should be suitable for establishing local communication with CMRI along with separate meter box is as under:
4	3.0 (14)	IS:15959:2011 : Data Exchange for Electricity Meter Reading, Tariff And Load Control Companion Spec having all amendment (DLMS requirement is applicable only to optical port)	IS:15959:2011 : Data Exchange for Electricity Meter Reading, Tariff And Load Control Companion Spec having all amendment
5	7.5 COMMUNICATION CAPABILITY 7.5 (A) & (B)	<p>Meter Shall have Optical communication Port, as well as LPRF for facility of meter reading.</p> <p>(A) Through Optical Communication Port:-:</p> <p>The meters shall have a galvanically isolated optical communication Port as per IEC-1107 provided on the front of the meter downloading the history data to a CMRI/Base computer. It shall not be possible to re-programme or make any change in the meter through CMRI.</p> <ul style="list-style-type: none"> • No editing shall be possible on CMRI and base computer by any means. The software shall have capability to convert the entire data into ASCII format. • The protocol used in the meter shall have to be provided at the time of supply for the purpose of automatic meter reading system. • It shall be responsibility of the meter manufacturer to provide the required software and all the facilities free of cost to enable the use of optical port and LPRF Communication facility for reading and retrieving the data from the meter through CMRI and to necessary upgrades of software shall be supplied free of cost for downloading 	<p>Meter Shall have Optical communication Port with one additional RS 232 port for facility of meter reading.</p> <p>Through Optical Communication Port and RS 232 port:-:</p> <p>The meters shall have a galvanically isolated optical communication Port as per IEC-1107 provided on the front of the meter downloading the history data to a CMRI/Base computer. It shall not be possible to re-programme or make any change in the meter through CMRI.</p> <ul style="list-style-type: none"> • No editing shall be possible on CMRI and base computer by any means. The software shall have capability to convert the entire data into ASCII format. <p>The protocol used in the meter shall have to be provided at the time of supply for the purpose of automatic meter reading system. It shall be responsibility of the meter manufacturer to provide the required software and all the facilities free of cost to enable the use of optical port as well as RS 232 port facility for reading and retrieving the</p>

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		<p>simultaneously the existing parameters and any parameters added in future specifications of meters.</p> <ul style="list-style-type: none"> • The same CMRI should be capable of downloading, Reading the meter data through wireless communication using LPRF point to point technology. • 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. • Indication on CMRI shall be provided for confirmation of successful data transfer from meter to CMRI. During this period the energy recording should not be affected. <p>The software supplied by the bidder for common meter reading instrument should read various makes of static energy meters and should be capable to download the data in the computer station having manufacturer base computer stations for the purpose of exchange of data.</p> <p>It shall be responsibility of the meter manufacturer to provide the required software and all the facilities required by JVVNL to use the CMRI for reading and retrieving the data from the meter and to download the data to PC free of cost up to guarantee period.</p> <p>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</p> <p>Readings to be downloaded with CMRI through optical port:</p>	<p>data from the meter through CMRI and AMR to necessary upgrades of software shall be supplied free of cost for downloading simultaneously the existing parameters and any parameters added in future specifications of meters.</p> <ul style="list-style-type: none"> • Indication on CMRI shall be provided for confirmation of successful data transfer from meter to CMRI. During this period the energy recording should not be affected. <p>The software supplied by the bidder for common meter reading instrument should read various makes of static energy meters and should be capable to download the data in the computer station having manufacturer base computer stations for the purpose of exchange of data.</p> <p>It shall be responsibility of the meter manufacturer to provide the required software and all the facilities required by JVVNL to use the CMRI for reading and retrieving the data from the meter and to download the data to PC free of cost up to guarantee period.</p> <p>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</p> <p>Readings to be downloaded with CMRI through optical port and with additional RS 232 port:</p> <p>In addition to all the above, the following</p>
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