

## Revised Annexure 1

### I) Mandatory Documents compliance

| S. No | Document Description  | Document Required              | Name of Document submitted | Page no. |
|-------|---|--------------------------------|----------------------------|----------|
| 1     | Letter for Submission of Tender on Company Letterhead   | As per NIT format (Form-I)     |                            |          |
| 2     | Pre-Qualification Criteria Details on Company letterhead  | As per NIT format (Form-II)    |                            |          |
| 3     | No Deviation Certificate on Company Letterhead  | As per NIT format (Form-IV)    |                            |          |
| 4     | MAF Letter on Company Letterhead of Smart Meters, AMI (HES/MDM ) Software Application, Network Bandwidth (including RF) | As per NIT format (Form-V)     |                            |          |
| 5     | Format of Curriculum Vitae  | As per NIT format (Form-VI)    |                            |          |
| 6     | Letter of Transmittal   | As per NIT format (Form-VII)   |                            |          |
| 7     | Letter of Integrity Pact  | As per NIT format (Form-VIII)  |                            |          |
| 8     | Acceptance form to participate in reverse auction event   | As per NIT format (Annexure-B) |                            |          |
| 9     | Signed copy of the Notification for participating in Snap Bidding   | As notified dated 24.10.2017   |                            |          |

### II) Qualification requirement compliance for bidders

| S. No | Qualifying Requirement  | List of Documents Required  | Name of Document submitted | Page No. |
|-------|---|---|----------------------------|----------|
| 1     | The bidder shall be a private/public Company registered under Company Act 1956  | Certificate of Incorporation and Registration needs to be submitted along with the bid.   |                            |          |
| 2     | The Bidder should be an ISO 9001:2008 certified company OR Bidder should have CMMI Level 3 (minimum) certification.   | A valid ISO/CMMI certificate on the date of notification of Snap-bidding.   |                            |          |
| 3     | The average annual turnover of the bidder shall be a minimum of ₹ 30crore during the last 3 years ending 31 <sup>st</sup> March of the previous financial year (i.e. till 2016-17)  | Copy of CA certified Audited Balance Sheet and P&L Account for the respective financial years to be submitted in this regard  |                            |          |
| 4.    | The Bidder should have at least 5 personnel on its rolls with a minimum AMR/AMI implementation experience of 2 years (either in his/her own or other organization). The roles & responsibilities of the personnel should include development and/or customization of AMR/AMI System.  | Signed resume of employees need to be submitted. Scanned signatures shall be accepted   |                            |          |
| 5.    | The bidder should be an authorized implementation partner of OEM products proposed in the bid and should possess all the necessary authorizations of the OEM in order to supply, customize, implement and support their OEM solutions.  | Authorization letter from OEM for next 5 years back to back support of as per the format attached for Manufacturer's authorization form (MAF)   |                            |          |
| 6.    | The Bidder must have successfully executed & implemented AMR/AMI projects (meeting any of the below criteria) in an Indian/Global Power Distribution Utility in the last 7 years (i.e. FY 2009- 10 to till the previous date of bid submission of this tender).<br><br>a. 01 No. of project completed with > =24,000 and < 35000 meters installation with same project in operation for at least 01 year, during last 07 years<br><br>OR<br><br>b. 02 Nos. of projects completed with > =15,000 | List of clients, Smart Grid Functionalities and individual Client's PO / WO / LOI / LOA / Contract/Certification on client letterhead/Performance certificate and contact details of clients as proof provided for the last 7 years needs to be submitted |                            |          |

| S. No | Qualifying Requirement  | List of Documents Required  | Name of Document submitted | Page No. |
|-------|---|---|----------------------------|----------|
|       | and < 24000 meters installation with any 01 project in operation for at least 01 year within last 05 years, during last 07 years<br><br>OR<br><br>c. 03 Nos. of projects completed with >=12,000 and < 15000 meters installation with any 02 project in operation for at least 01 year within last 05 years, during last 07 years |   |                            |          |
| 7.    | To establish the experience of Smart Meters / AMI Systems, bidder must have implemented / implementing at least 1000 Nos. of Smart Meters having single & three phase Smart Metering System.  | List of clients, Smart Grid Functionalities and individual Client's PO / WO / LOI / LOA / Contract/Certification on client letterhead / Performance certificate and contact details of clients as proof provided for the last 5 years needs to be submitted |                            |          |

### III) Qualification Requirement Compliance for (OEM) AMI Solution Provider

| S. No | Qualifying Requirement   | Supporting Document   | Name of Document submitted | Page No. |
|-------|--|---|----------------------------|----------|
| 1     | The OEM shall have ISO 9001:2008 certifications. Or Shall have CMMI Level 3 (minimum) certification.   | A valid ISO/CMMI certificate the date of notification of Snap-bidding.  |                            |          |
| 2     | The average annual turnover of the OEM shall be a minimum of ₹ 30 Crores in any of 03 audited financial years, during last 05 years ending 31 <sup>st</sup> March of the previous financial year (i.e. till 2016-17)   | Copy of CA certified Audited Balance Sheet and P&L Account for the respective financial years to be submitted in this regard  |                            |          |
| 3.    | AMI solution provider should have successfully executed at least 2 AMI/AMR projects involving an installation of at least 10,000 meters per project in the last 5 years (i.e. FY 2011-12 to till the previous date of bid submission of this tender). The AMI/AMR project should have been operational for at least 1 year in the last 7 years (i.e. FY 2009-10 to till 1 day before the date of re-submission bid). | List of clients, Smart Grid Functionalities and individual Client's PO / WO / LOI / LOA / Contract/Certification on client Letterhead / Performance certificate and contact details of clients as proof provided for the last 5 years needs to be submitted |                            |          |
| 4.    | Service/Support center should be located in India, however bidder has to adhere with the timelines to provide response and resolution as per SLA.  | Self-Certify on OEM letterhead the list of service centers across India.  |                            |          |

### IV) Qualification Requirement Compliance for (OEM) Meter Manufacturer

| S. No | Qualifying Requirement   | Supporting Document   | Name of Document submitted | Page No. |
|-------|--|---|----------------------------|----------|
| 1     | The OEM shall have ISO 9001:2008 and ISO 14001 certifications and OEM should have in-house NABL accredited Laboratory since last 2 year  | A valid ISO certificate on the date of the date of notification of Snap-bidding and A valid registration certificate mentioning issue / renewal / expiry date   |                            |          |
| 2     | The average annual turnover of the OEM shall be a minimum of ₹ 30 Crores in any of 03 audited financial years, during last 05 years ending 31 <sup>st</sup> March of the previous financial year (i.e. till 2016-17)   | CA certified Annual financial statements, Audited Balance Sheet and P&L Account for the respective financial years to be submitted in this regard   |                            |          |
| 3.    | <b>OEM should have min 2 years of experience in Smart meter manufacturing in India and also have supplied at least 25,000 AMI/AMR meters on RF/GPRS/In-built modem &amp; related equipment to Indian Power Utilities in any 2 years, during last 7 years. (i.e. FY 2009-10 to till the previous date of bid submission of this tender). and have manufactured at least 5000 meters for AMI project duly type tested as per BIS &amp; NSGM guidelines in last 3 years</b> | List of clients and individual Client's PO / WO / LOI / LOA / Contract/Certification on client Letterhead / Performance certificate and contact details of clients as proof provided for the last 5 years needs to be submitted |                            |          |

| S. No | Qualifying Requirement  | Supporting Document  | Name of Document submitted | Page No. |
|-------|---|--|----------------------------|----------|
|       | <b>Total rejection of meters should be less than 1% at field due to manufacturing defects and all such meters are installed and working well as AMR with all hardware &amp; software.</b>   |  |                            |          |
| 4     | Service center should be located in India, however bidder has to adhere with the timelines to provide response and resolution as per SLA.   | Self-Certify on OEM letterhead the list of service centers across India. |                            |          |
| 5     | OEM should have manufacturing facility in India.  | Self-certificate and India works address                                 |                            |          |
| 6     | The smart meters proposed should meet the relevant standards applicable in India and the meter supplier should have capabilities (both production and financial) to supply the full quantity of meters within 6 months of the award of contract | self-declaration and BIS certificate                                     |                            |          |

## V) Qualification Requirement Compliance for (OEM) Network Bandwidth Service Provider

| S. No | Qualifying Requirement  | Supporting Document  | Name of Document submitted | Page No. |
|-------|---|--|----------------------------|----------|
| 1     | The network solution provider should have been in the network installation / maintenance services business for the last 3 years. (i.e. Year 2013-14 ,14-15,15-16)   | Certificate of Incorporation and Registration certificate along with Memorandum & Articles of Association.   |                            |          |
| 2     | The NBSP shall have ISO 9001:2008 certifications.   | A valid ISO certificate the date of notification of Snap-bidding   |                            |          |
| 3.    | The average annual turnover of the NBSP shall be a minimum of ₹ 100 Crores in any of 03 audited financial years, during last 05 years (i.e. FY 2011-12 onwards)   | CA certified Annual financial statements, Audited Balance Sheet and P&L Account for the respective financial years to be submitted in this regard                                      |                            |          |
| 4     | The network solution provider should have implemented at least 5 multi-location WAN Projects (installation, integration, maintenance & management) during the last 07 financial years out of which at least 2 projects should have involved GPRS, 3G, 4G, Leased Lines, ISDN, VSAT, RF, DSL, VPN /MPLS or Fiber Optic or a combination of these technologies for a customer having a minimum of 10 WAN locations. | Necessary purchase order/Lol/contract/certification on client's letterhead/ Performance certificate as proof of services provided for the last 3 financial years needs to be submitted |                            |          |
| 5     | The Network Solution provider should have the necessary network infrastructure and good quality network coverage in project area.   | Internal Network reports & Self-certification of feasibility of Project Area locations.  |                            |          |
| 6     | Service center should be located in India, however bidder has to adhere with the timelines to provide response and resolution as per SLA.   | Self-Certify on OEM letterhead the list of service centers across India.   |                            |          |
| 7     | The Network Solution Provider should have at least 5 personnel on its payroll with a minimum experience of 2 years The roles & responsibilities of the personnel should include installation or integration or maintenance or management of network systems.  | Signed resume of employees need to be submitted. Scanned signatures shall be accepted  |                            |          |

## VI) Technical Marks Evaluation

| Sr. No | Particulars               | Requirement   | Units  | Criteria   | Score | Name of Document submitted | Self Assessed marks | Page No. |
|--------|---------------------------|---|--|--|-------|----------------------------|---------------------|----------|
| 1      | Bidder Financial Strength | The minimum average annual turnover of the bidder shall be a minimum of ₹ 30 Crores during the last 3 years ending 31st March of the previous financial year.   | MAAT   | >= 100 Crores  | 10    |                            |                     |          |
|        |                           |   |  | >=30 Crs and < 100 Crs   | 8     |                            |                     |          |
|        |                           |   |  | =30 Crores   | 6     |                            |                     |          |
| 2      | Proposed MDM Experience   | MDM global presence in last 5 years in terms of number of consumers in power, gas and water sector  | No. of Consumers                                   | >= 500 K   | 10    |                            |                     |          |
|        |                           |   |  | >= 100 K and < 500 K   | 8     |                            |                     |          |
|        |                           |   |  | >= 10 K and < 100 K  | 6     |                            |                     |          |
| 3      | Man-power Experience      | The Bidder should have at least 5 personnel on its rolls with a minimum AMR/AMI implementation experience of 2 years (either in his/her own or other organization). The roles & responsibilities of the personnel should include development and/or customization of AMR/AMI System.  | No. of Persons                                     | >=10   | 5     |                            |                     |          |
|        |                           |   |  | > 5 and <10  | 4     |                            |                     |          |
|        |                           |   |  | =5   | 3     |                            |                     |          |
|        |                           | Experience of proposed Project Manager (with B.E. / B.Tech degree or equivalent) in power distribution / transmission sector.   | Years of professional Experience after B.E./B.Tech | >= 10 Years  | 5     |                            |                     |          |
|        |                           |   |  | => 7 Years to <10 Years  | 4     |                            |                     |          |
|        |                           |   |  | => 5 Years to <7 Years   | 3     |                            |                     |          |
| 4      | Experience                | The Bidder must have successfully executed & implemented AMR/AMI projects in an Indian/Global Power Distribution Utility in the last 7 years covering implementation of minimum 12,000 nos. of Meters with required hardware, software and other associated accessories and project should have been operational for at least 01 year in last 05 years. | No. of Projects                                    | Total project completed commulatively with > 45000 meters installation with same project in operation for at least 02 year, during last 07 years (however at-least one project should cover installation of at-least 24000 meters)             | 30    |                            |                     |          |
|        |                           |   |  | Total project completed commulatively with >=35000 and < 45000 meters installation with same project in operation for at least 02 year, during last 07 years (however at-least one project should cover installation of at-least 24000 meters) | 25    |                            |                     |          |
|        |                           |   |  | 01 No. of project completed with > =24,000 and < 35000 meters installation with same project in operation for at least 01 year, during last 07 years   | 20    |                            |                     |          |
|        |                           |   |  | 02 Nos. of projects completed, with > =15,000 and < 24000 meters installation with any 01 project in operation for at least 01 year, during last 07 years  | 15    |                            |                     |          |
|        |                           |   |  | 03 Nos. of projects completed, with >=12,000 and < 15000 meters installation with any 02 project in operation for at least 01 year, during last 07 years   | 10    |                            |                     |          |

|   |  |   |                         |                          |    |  |  |  |
|---|--|---|-------------------------|--------------------------|----|--|--|--|
| 5 | Experience in Smart Grids implementation | To establish the experience of Smart Meters / AMI Systems, bidder must have implemented / implementing at least 1000 Nos. of Smart Meters having single & three phase Smart Metering System.                              | No. of Smart/AMI Meters | >= 50,000                | 10 |  |  |  |
|   |  |   |                         | >= 1000 and < 50,000     | 7  |  |  |  |
|   |  |   |                         | = 1000 Nos.              | 5  |  |  |  |
| 6 | Indian Power Distribution Utility        | Bidder must have successfully executed & implemented AMR/AMI projects in an Indian Power Distribution Utility in the last 7 years   | No. of Projects         | > = 10                   | 10 |  |  |  |
|   |  |   |                         | >= 6 and < 10            | 7  |  |  |  |
|   |  |   |                         | >= 2 and < 6             | 5  |  |  |  |
| 7 | Quality Compliance                       | CMMi Level Certification of Bidder  | CMMi Level              | CMMi Level 5             | 10 |  |  |  |
|   |  |   |                         | CMMi Level 4             | 8  |  |  |  |
|   |  |   |                         | CMMi Level 3             | 6  |  |  |  |
| 8 | Meter Capacity                           | Min 2 years of experience in Smart meter manufacturing and supplied at least 25,000 AMI/AMR meters on RF/GPRS/In-built modem & related equipment to Indian or Global Power Utilities in any 2 years, during last 7 years. | No. of AMI/AMR Meters   | >= 1,00,000              | 10 |  |  |  |
|   |  |   |                         | >= 25,000 and < 1,00,000 | 8  |  |  |  |
|   |  |   |                         | =25000                   | 6  |  |  |  |