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Amendment TN 54

On the basis of various queries raised by the vendors after publishing of Tender specification and Pre Bid Meeting for Implementation of Feeder Monitoring System against TN 54 following amendments / clarifications in the specifications are hereby issued:

| Clause No. | RFP Particular | Amendment / Clarification | | | | | | | | | | | | | | | | | | | | | |
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| 22.4.b | a. Penalty shall be calculated on the circle basis and as under: <table border="1"><thead><tr><th>Sr.No.</th><th>Extent of feeder information received on system</th><th>Extent of penalty / No Payment</th></tr></thead><tbody><tr><td>1.</td><td>Upto 95% of Total Feeders of</td><td>No penalty</td></tr></tbody></table> | Sr.No. | Extent of feeder information received on system | Extent of penalty / No Payment | 1. | Upto 95% of Total Feeders of | No penalty | Penalty shall be calculated on the circle basis and as under: <table border="1"><thead><tr><th>Sr.No.</th><th>Particular</th><th>Extent of penalty / No Payment</th></tr></thead><tbody><tr><td>A</td><td>Extent of feeder information received on system** (Monthly)</td><td></td></tr><tr><td>1</td><td>Upto 95% of Total Feeders of Circle</td><td>No penalty</td></tr><tr><td>2</td><td>Below 95% and Upto 90% of Total Feeders of Circle</td><td>No payment towards non reporting feeders + 5% penalty on unit rate on total number of non reporting feeders</td></tr><tr><td>3</td><td>Below 90% and Upto 80% of Total Feeders of Circle</td><td>No payment towards non reporting feeders + 10% penalty on unit rate on total number of non reporting feeders</td></tr></tbody></table> | Sr.No. | Particular | Extent of penalty / No Payment | A | Extent of feeder information received on system** (Monthly) | | 1 | Upto 95% of Total Feeders of Circle | No penalty | 2 | Below 95% and Upto 90% of Total Feeders of Circle | No payment towards non reporting feeders + 5% penalty on unit rate on total number of non reporting feeders | 3 | Below 90% and Upto 80% of Total Feeders of Circle | No payment towards non reporting feeders + 10% penalty on unit rate on total number of non reporting feeders |
| Sr.No. | Extent of feeder information received on system | Extent of penalty / No Payment | | | | | | | | | | | | | | | | | | | | | |
| 1. | Upto 95% of Total Feeders of | No penalty | | | | | | | | | | | | | | | | | | | | | |
| Sr.No. | Particular | Extent of penalty / No Payment | | | | | | | | | | | | | | | | | | | | | |
| A | Extent of feeder information received on system** (Monthly) | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Upto 95% of Total Feeders of Circle | No penalty | | | | | | | | | | | | | | | | | | | | | |
| 2 | Below 95% and Upto 90% of Total Feeders of Circle | No payment towards non reporting feeders + 5% penalty on unit rate on total number of non reporting feeders | | | | | | | | | | | | | | | | | | | | | |
| 3 | Below 90% and Upto 80% of Total Feeders of Circle | No payment towards non reporting feeders + 10% penalty on unit rate on total number of non reporting feeders | | | | | | | | | | | | | | | | | | | | | |

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| | | Circle | | 4 | Below 80% and Upto 70% of Total Feeders of Circle | No payment towards non reporting feeders + 15% penalty on unit rate on total number of non reporting feeders |
| | 2. | Below 95% of Total Feeders of Circle | Looking to the gravity of system outputs, No Payment for the services during the month shall be applicable. | 5 | Below 70% and Upto 60% of Total Feeders of Circle | No payment towards non reporting feeders + 25% penalty on unit rate on total number of non reporting feeders |
| | | | | 6 | Below 60% of Total Feeders of Circle | No payment shall be made |
| | | | | **The penalty shall be calculated strictly as per above slabs and no benefit should be given for the preceding slabs | | |
| | | | | B | Daily Data Communication of the SIM | |
| | | | | 1 | Communication of SIM for at least 21 days in a month | No penalty |
| | | | | 2 | Communication of a SIM is less than 21 days per month | Rs. 200/- per month per SIM |
| Section-III Part-II 9.1 viii-2 | Memory of 256 GB Non Volatile Storage | | | Memory of 256 MB Non Volatile Storage | | |
| Section-III Part-II 7. One time activity | Design, develop and deploy the web based application software for data acquisition, data aggregation, data storage in common format, data dissemination, data display on Discoms website, data analysis and depiction in form of dashboards, graphs and MIS reports etc. System for automated SMS alerts and email. The gateway and SMS charges is in the scope of vendor. Mobile application shall also be developed. | | | Design, develop and deploy the web based application software for data acquisition, data aggregation, data storage in common format, data dissemination, data display on Discoms website, data analysis and depiction in form of dashboards, graphs and MIS reports etc. System for automated SMS alerts and email. The gateway and SMS charges is in the scope of vendor. Mobile application shall also be developed. However it is expected that 500-600 SMS per month may be generated. | | |
| 17. Training | The contractor is required to provide in depth training to Owners engineers at no cost to JVVNL on all aspects of the system being supplied. Training module shall be mutually discussed and finalized to cover Owner's | | | The contractor is required to provide One week Training at Circle level (at JVVNL premises) to all Engineers from Junior Engineer to Executive Engineers shall be provided as one time activity in depth at no cost to JVVNL on all aspects of the system being supplied. Training module shall be mutually discussed and finalized to cover Owner's personnel to operate, append, modify, trouble shoot, and interface the system with other billing and revenue management through hardware and | | |

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| | personnel to operate, append, modify, trouble shoot, and interface the system with other billing and revenue management through hardware and software linkages. The contractor shall provide all the documentation and write up material for trainees. | software linkages. The contractor shall provide all the documentation and write up material for trainees. |
| Section III Part II 2.(i) | The system shall run in the cloud where all portions shall be managed. No extra licensing fees shall be paid and new users can be added | The system shall run in the cloud where all portions shall be managed. No extra licensing fees shall be paid and new users can be added However for the sake of sizing all JEN, AEN,XEN,SE, CE and other officers approx. 1000 -1200 numbers may be considered as user with concurrency factor of 20%. |
| Section III Part II 2.(iii) | The vendor shall manage servers, networking and storage, application, database and operating system, Middle ware and storage etc on cloud basis. This allows to avoid expenditure on automate scaling | The vendor shall manage servers, networking and storage, application, database and operating system and storage etc on cloud basis. This allows to avoid expenditure on automate scaling |
| Section III Part II 2.(iv) | If owner needs extra data space for processing power on occasion the system shall be scaled based on Discoms needs. This means that the extra data processing space is available whenever need it. | If owner needs extra data space for processing power on occasion the system shall be scaled based on the growth rate of 15% per annum for 5 years on Discoms needs. This means that the extra data processing space is available whenever need it. |
| Section III Part II 3.1 | In general the substation meters and breakers shall be connected to the IFCD through adequate cabling (vendor scope) through suitable last mile connectivity. The substation Intelligent Feeder Control & Monitoring Devise will acquire data from feeder meters and breakers, and will transmit the same to | In general the substation meters and breakers shall be connected to the IFCD through adequate cabling (vendor scope) through suitable last mile connectivity. The substation Intelligent Feeder Control & Monitoring Devise will acquire data from feeder meters and breakers, and will transmit the same to central data center server(s) through GPRS/EDGE/3G/LTE etc. The proposed Feeder Monitoring System is expected to provide continuous on line monitoring and logging of essentially, though not limited to, the following parameters in respect of all incoming and outgoing feeders, and |

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