



# आईटीआई लिमिटेड नेटवर्क सिस्टम्स यूनिट

सामाग्री प्रबंधन विभाग

F-100, पश्चिम विंग  
दूरवाणीनगर, बेंगलूरु - 560 016, भारत.

फोन : +91 (80) 2566 0502, 2566 0508

ई-मेल : materials\_nsu@itilttd.co.in

ISO 9001 : 2015 प्रमाणित युनिट

# ITI LIMITED

Network Systems Unit

Materials Management Dept.

F-100, West Wing,

Dooravaninagar, Bengaluru - 560 016, India.

Tel : +91 (80) 2566 0502, 2566 0508

E-mail : materials\_nsu@itilttd.co.in

ISO 9001 : 2015 Certified Unit



## CORRIGENDUM - 3

ITI Web-Site/ Govt. Portal		CORRIGENDUM - 3 ENQUIRY NSU 4I 48P	
		DATE	13 12 2024
Dear Sir / Madam, Refer our Enquiry No. NSU4I48P dtd. 17.10.2024, Corrigendum-1 dtd. 08.11.2024, Corrigendum - 2 dtd.21.11.2024, Further Corrigendum - 3 is issued regarding following points.			
Sl.No	Description	Existing	Revised
1	Tender Due date	30.11.2024 14.00 Hrs	21.12.2024 14.00 Hrs
2	Techno commercial open	30.11.2024 15.00 Hrs	21.12.2024 15.00 Hrs
3	Clause 8(d) Page No. 06 Payment terms and conditions	80% against successful Delivery, Completion of JRI and Installation & Commissioning of one number of DIO device each at six sites (total 6 DIO devices) or 3 Months from date of delivery whichever is earlier with usance LC period of 90 days. JRI and I&C Completion Certificate will be issued by ITI.  20% with usance LC period of 90 days against successful completion of Integration of four (04) DIO devices at each Zone (Total 6 Zones & 24 DIO Devices) with SCADA EMS. Integration Completion Certificate will be issued by ITI.	<b>Milestone-1</b> 65% against successful Delivery, Completion of JRI and Installation & Commissioning (Nodal AITP) of one number of DIO device at each node (total 10 DIO devices at 10 Nodes) or 3 Months from date of delivery whichever is earlier with usance LC period of 90 days from the date of delivery. JRI and I & C Completion Certificate will be issued by ITI.  <b>Milestone-2</b> 25% with usance LC period of 180 days against successful completion of Integration of four (04) DIO devices at each Zone (Total 10 Zones & 40 DIO Devices) with SCADA EMS (Zonal AITP). Integration Completion Certificate will be issued by ITI. If integration is not completed within the initial 180 days then usance period will be extended for further 180 days. Usance period will start from the date of site readiness intimation by ITI.

			<p><b>Milestone-3</b></p> <p>10% with usance LC period of 180 days from the date of completion of milestone-2 against successful Integration of all 250 Nodes with SCADA EMS (Network AITP). Completion Certificate will be issued by ITI. If integration is not completed within the initial 180 days then usance period will be extended further 180 days.</p> <p>Note- All LC Chargers has to be borne by the bidder.</p>
4	<p>Clause 3(i) (d) Page No. 26 <b>Installation</b></p>	<p>(i) After successful completion of POC trial, Bidder shall install one no. of DIO device at six sites during implementation (Site Location details will be shared later). ITI will ensure that there will be proper road connectivity for Sites location provided for installation. Installation work includes the following:</p> <p>a) Mounting of DIO on wall, Powering ON.</p> <p>b) Cable laying and connecting of auxiliary equipment like DG Set, AVR, FCBC etc. with DIO input ports.</p> <p>c) Ether cable laying and Connecting DIO Output Ethernet port to existing LAN network.</p> <p>d) Integration of 4 Nos. of DIO Devices at each Zone (Total 6 Zones) with Existing SCADA EMS Server.</p> <p>e) Proper routing &amp; conducting of cable. Bidder may be asked to do cable routing through existing cable tray if required.</p> <p>f) Cable labeling as per standard</p> <p>g) Bidder has to provide Installation Manual, User Manual &amp; on the job installation</p>	<p>(i) After successful completion of POC trial, Bidder shall install one no. of DIO device at ten (10) sites (Node) during implementation (Site Location details will be shared later). ITI will ensure that there will be proper road connectivity for Sites location provided for installation. Installation work includes the following:</p> <p>a) Mounting of DIO on wall, Powering ON.</p> <p>b) Cable laying and connecting of auxiliary equipment like DGSet, AVR, FCBC etc. with DIO input ports.</p> <p>c) Ether cable laying and Connecting DIO Output Ethernetport to existing LAN network.</p> <p>d) Integration of 4 Nos. of DIO Devices at each Zone (Total 10 Zones) with Existing SCADA EMS Server.</p> <p>e) Proper routing &amp; conduiting of cable. Bidder may be asked to do cable routing through existing cable tray if required.</p> <p>f) Cable labeling as per standard</p> <p>g) Bidder has to co-ordinate with existing developer and ensures the availability of their representative at site for integration of DIO during SCADA RTU implementation.</p> <p>h) Bidder has to provide Installation Manual, User Manual &amp; on the job installation Training to ITI Team during installation.</p>

		<p>Training to ITI Team during installation.</p> <p>h) Integration is required at all Zones Centers.</p> <p>Any other item required for the completion of above work shall be provided by the bidder without any additional cost to ITI.</p>	<p>i) <b>Integration is required at all 10 Zones Centers.</b></p> <p><b>Any other item required for the completion of above work shall be provided by the bidder without any additional cost to ITI.</b></p>
5	<p>Clause 4 Page No. 27</p> <p><b>Integration with SCADA EMS</b></p>	<p>There are total 250 Sites which are divided into Six Zones (however it may increase upto 10 Zones). One DIO device will be installed at each site. SCADA EMS is installed at each Zonal Centres for the management of auxiliary devices like DG set, AVR etc.</p> <p>Bidder shall demonstrate the integration of 4 Nos. of DIO devices at each Zonal Centre i.e: 1 Set consisting of 24 Nos of DIO devices (4 DIO devices per Zone). Bidder should provide technical support during the integration of remaining DIO Devices.</p> <p>Bidder shall be responsible for the Integration of four (04) DIO devices at each Zone (Min 6 Zones) with SCADA EMS and provide technical support for the Installation &amp; integration of remaining supplied DIO device by ITI.</p>	<p>There are total 250 sites (Nodes) which are divided into Ten (10) Zones. One DIO device will be installed at each site (node). SCADA EMS is installed at each Zonal Centers for the management of auxiliary devices like DG set, AVR etc.</p> <p>Bidder shall demonstrate the integration of 4 Nos. of DIO devices at each Zonal Centre i.e. 1 Set consisting of 40 Nos of DIO devices (4 DIO devices per Zone, Total 10 Zones) with SCADA EMS. Bidder shall provide technical support for remaining 210 Nos. of DIO Devices for Installation &amp; integration.</p> <p>Bidder shall provide technical support either online or onsite for remaining 210 Nos. of DIO devices for installation, configuration and integration with SCADA EMS.</p> <p>It will be the responsibility of the bidder to ensure presence of existing developer of EMS at the time of integration of DIO at each Zone with SCADA EMS. Coordination and all liaising with Developer and any other items/equipment/payment on this account will solely be responsibility of bidder.</p>
<p>All other terms and conditions of Enquiry No. NSU4I48P Dt. 17-10-2024 remains unaltered.</p>			
<p style="text-align: right;">For ITI Ltd., N S Unit,</p> <p style="text-align: center;"><i>Santhya</i> 13/12/24 <b>ADDITIONAL GENERAL MANAGER-MM (NS)</b></p>			