Department of Electrical Engineering

Enquiry No.: EE/SC/2017/Hypersym

Opening Date: 19-June-2017
Closing Date: 23-June-2017

Sub.: Purchase of Hypersim Software & Communication Protocol

We are interested in the purchase of Hypersim software and communication protocols for using with the existing OPAL-RT hardware platform. Following are the details of the requirements.

1. **Software:**
   - Hypersim Software License,
   - Scope View for Visualization and signal processing,
   - Power system schematic editor (Including balanced load flow andtransformer, line and machine modeling tools),
   - Test View for Test automation,
   - I/O driver IP for OPAL-RT systems,
   - HYPERSIM - Real-time Target License,
   - Communication Protocol- C37.118 slave (SEND)

2. Hrdware:
   - Time synchronization kit - Oregano Syn1588 PCIe NIC, clock precise,RJ45, Supports IRIG-B, 1PPS, IEEE1588
   - Intel EXPI9404PTL PT Quad Port Ethernet Server Adapter 10/100/1000 Mbps PCI-Express 4 x RJ45 (for IEC 61850 and other Ethernet-based protocols)

Please send your **Sealed Quotation** to the undersigned for the same. The quoted price should be FOR Indian Institute of Technology Kanpur, India.

Note:
1. Your quotation shall contain a proprietary certificate from the manufacturer.
2. All quotations must reach the undersigned on or before 17:00 hrs., 23rdJune, 2017.
3. Quotation must be valid for 90 days.
4. Delivery period should not be more than 10 **weeks**.
5. Send complete detail of the product(s).
6. Payments terms: 100% after successful installation.
7. IITK is exempted from excise/custom duty.
8. All prices are to be FOR IIT Kanpur.

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