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05 Jan 2012.

Dr. RAGHUBIR SINGH ANAND
Principal Research Engineer

TENDER NOTICE

Subject: **Controller and other Input modules for Automated Monitoring System for 5x10 KW PV Power Plant**

We are setting up 5 x 10KW = 50 KW Photovoltaic (PV) power plant to study the performance of different PV technologies. We like to setup an automated monitoring system to evaluate the performance of each technology in terms of voltage, current, energy, power output along with solar radiation, temperature, moisture, wind and rain measurements.

Quotations are invited to supply the following Controller and Input modules to develop online data acquisition and monitoring system:

| Qty. | Part No. | Module Nomneclature |
|-------------|-----------------|--|
| 3 | 781715-01 | CRIO-9075 Integrated Controller and Chassis System, 400 MHz PowerPC controller, LX 25 Gate FPGA, 4-slots. |
| 2 | 779999-01 | cRIO-9074 CompactRIO Controller and Chassis Integrated System, 400 MHz PowerPC controller, 2M Gate FPGA, 8-slots |
| 11 | 779357-01 | NI 9205 32-Ch ± 10 V, 250 kS/s, 16-Bit Analog Input Module with D-Sub Connector |
| 11 | 781503-01 | NI 9923 37 pin DSub terminal block for screw terminal connectivity to 37 pin DSub C Series modules |
| 7 | 780493-01 | NI 9213 16-ch TC, 24-bit C Series module |
| 7 | 779567-01 | NI 9940 Strain relief & high voltage connector kit for the 36-position weidmuller connector |
| 3 | 779892-01 | NI 9871 4-Port RS422/RS485 Serial Module W/ 4 10P10C-DE9 Cables |
| 3 | 960850-04 | CompactRIO Standard 4-Slot Chassis System Services |
| 2 | 960850-08 | CompactRIO Standard 8-Slot Chassis System Services |

Warranty as applied to NI and other products be provided.

Last date & time for receiving the Quotation is 24 Jan 2012, 5pm.

(RS ANAND)