

Government of Nepal
Ministry of Communication and Information Technology
Department of Information Technology
Integrated Data Management Center (National Information Technology Center)
Singhadurbar, Kathmandu, Nepal
Addendum Notice No . 1

2081/12/22 (April 04, 2025)

Supply, Delivery, Installation and Commissioning of UPS, Batteries and BMS for GIDC and DRC Electromechanical Strengthening

IFB No . : IDMC/ NCB/G/2081-82/003

Date of publication : 2081/12/11 (March 24, 2025)

This is to notify all concerned that Ministry of Communication and Information Technology, Department of Information Technology, Integrated Data Management Center (National Information Technology Center), Singhadurbar, Kathmandu has made the following amendments to the bidding document for the “Supply, Delivery, Installation and Commissioning of UPS, Batteries and BMS for GIDC and DRC Electromechanical Strengthening, IFB No.: IDMC/ NCB/G/2081-82/003” as per the notice published on 2081/12/11 (March 24, 2025) in “Gorakhapatra” national daily newspaper and www.bolpatra.gov.np/egp.

S.N.	Reference of Bid Document	Tender Clause Description	Amendments
1	Section II. Bid Data Sheet , ITB 8.2	Pre-Bid meeting “shall” be organized. If a Pre-Bid meeting will take place, it will be at the following date, time and place: Date: Falgun 13, 2081 (February 25, 2025) Time: 11:00 AM Place: Integrated Data Management Center , Singhadurbar, Kathmandu, Nepal	Pre-Bid meeting “shall” be organized. If a Pre-Bid meeting will take place, it will be at the following date, time and place: Date: Chaitra 18, 2081 (March 31, 2025) Time: 11:00 PM Place: Integrated Data Management Center , Singhadurbar, Kathmandu, Nepal
2	Section II. Bid Data Sheet , ITB 24.1	The deadline for bid submission is: Date: Falgun 23, 2081 (March 07, 2025) Time: 12:00 Noon	The deadline for bid submission is: Date: Chaitra 26 , 2081 (April 08, 2025) Time: 12:00 Noon
3	Section II. Bid Data Sheet , ITB 27.1	The bid opening shall take place at: Date: Falgun 23, 2081 (March 07, 2025) Time: 13:00 PM Place: Integrated Data Management Center, Singhadurbar, Kathmandu, Nepal	The bid opening shall take place at: Date: Chaitra 26, 2081 (April 08, 2025) Time: 13:00 PM Place: Integrated Data Management Center, Singhadurbar, Kathmandu, Nepal
4	Section III. Evaluation and Qualification Criteria, 2.4 Experience, 2.4.2. Specific Experience	2.4.2 Specific Experience: Experience under supply contract (supply, delivery installation of similar Batteries (2V cell type) or higher and UPS modular 100 KVA or higher) in the role of prime supplier (single entity or JV member) or subcontractor in Single Contract within the last three (3) years, with a value of at least NRs.2,00,00,000 (Two Crore)	2.4.2 Specific Experience: Experience under supply contract (supply, delivery installation of similar Batteries (2V cell type) and UPS modular 100 KVA or higher) in the role of prime supplier (single entity or JV member) or subcontractor in Single Contract within the last three (3) years, with a value of at least NRs.2,00,00,000 (Two Crore)
5	Section V. Schedule of Requirements, 3 Technical Specifications, Technical Specification of 2V Battery, S.No. 7, Service Life	The Design cyclic life of the offered batteries shall be expressed in nos. of cycles at 80% DOD, 50% DOD and 20% DOD. The offered batteries shall have at least service life of 1800 cycles at 80 % DOD, service life of	The Design cyclic life of the offered batteries shall be expressed in nos. of cycles at 80% DOD, 50% DOD and 20% DOD. The offered batteries shall have at least service life of 1500 cycles at 80 % DOD, service life of

		3000 Cycles at 50 % DOD and service life of 6000 cycles at 20 % DOD at 27-degree C. If cyclic performance is stated at temperature of 25 degree Celsius the offered batteries shall have at least service life of 2000 cycles at 80 % DOD, service life of 3500 Cycles at 50 % DOD and service life of 6300 cycles at 20 % DOD	2700 Cycles at 50 % DOD and service life of 5500 cycles at 20 % DOD at 27-degree C. If cyclic performance is stated at temperature of 25 degree Celsius the offered batteries shall have at least service life of 2000 cycles at 80 % DOD, service life of 3500 Cycles at 50 % DOD and service life of 6300 cycles at 20 % DOD
6	Section V. Schedule of Requirements, 3 Technical Specifications, Technical Specification of Technical Specifications – Wireless battery management System, S.No. 7.1, General Features	The Site Controller should be an Integrated UPS and battery monitoring solution. It Should monitor both the UPS and batteries on a 24X7 basis It should support at least 8 no strings and 1920 batteries. Input supply: 230V AC, 16W peak. Should have internal SoS battery that can provide an SoS alert when supply to the site controller is cut Automatic restart trigger: Built-in WDT,MTBF: ≥100,000 hours	The Site Controller should be an Integrated UPS and battery monitoring solution. It Should monitor both the UPS and batteries on a 24X7 basis It should support at least 4 no strings and 960 batteries. Input supply: 230V AC, 30W peak. Should have internal SoS battery that can provide an SoS alert when supply to the site controller is cut.
7	Section V. Schedule of Requirements, 3 Technical Specifications, Technical Specification of Technical Specifications – Wireless battery management System, S.No. 8, Block Sensor / Single Cell Detection (BVS)	Power supply: BVS 2V Powered by block being monitored, BVS 12V Powered by block being monitored. Power consumption: BVS 2V: <40mW BVS 12V: <500mW, Operating Temperature: 0°C to 55 °C. Operating humidity: < 95% RH non-condensing. Voltage Measurement: BVS 2V: (1.75 to 3.25) VDC BVS 12V: (10 to 15) VDC Accuracy ±0.1% of Full Scale Value Resolution: 10mV Resistance Measurement: Range: 0.05 mΩ to 10 mΩ Accuracy: ±0.5 mΩ Resolution: 0.1 mΩ. Temperature Measurement. Range: -0°C to 60 °C Accuracy: ±1 °C Resolution: 0.1°C LED Indication: Normal operation: Green LED Power on mode Alarm: No LED indication	Power supply: BVS 2V Powered by block being monitored. Power consumption: N/A Operating Temperature: 0°C to 55 °C. Operating humidity: < 90% RH non-condensing. Voltage Measurement: BVS 2V: (1.75 to 3.25) VDC Accuracy ±0.2% of Full Scale Value Resolution: 20mV Resistance Measurement: Range: 0.05 mΩ to 10 mΩ Accuracy: ±0.5 mΩ Resolution: 0.1 mΩ. Temperature Measurement. Range: 0°C to 55 °C LED Indication: Shall have LED for Normal operation and Alarm Indication
8	Section V. Schedule of Requirements, 3 Technical Specifications, Technical Specification of Technical Specifications – Wireless battery management System, S.No. 9, DCEM	Power Supply: Should be able to Works on 230VAC to 12 VDC power adapter, Range 210 to 230 VAC or 12VDC ±1%. Operating Temperature: 0 to 60 °C Working Humidity: < 90% RH non-condensing.	Power Supply: Shall be able to Works on 220- 240VAC and Shall have its own adapter. Working Humidity: < 90% RH non-condensing. Voltage Measurement: Should work shall work for 480 VDC. Current Measurement: Range: 50A-300A.

		<p>Voltage Measurement: Should work from 80 to 200V DC. Larger voltage ranges should be handled by multiple sensors in series. Accuracy: $\pm 1\%$ of Full scale. Resolution: 0.1V</p> <p>Current Measurement:</p> <p>Range: 50A-500A.</p> <p>Accuracy: $\pm 1\%$ of Full scale</p> <p>Resolution: 0.1A</p> <p>LED indicator/Display: Should have built-in display</p>	<p>LED indicator/Display: Should have built-in display</p>
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Note: Date Mentioned on other parts of Bid Document will be as per Addendum.