cecoltec SERVICES	GESTIÓN COMERCIAL OFERTA DE EQUIPOS, REPUESTOS Y SERVICIOS	GC-F-04	
		VERSIÓN	1
		FECHA APROBACIÓN	30/06/2016

FECHA:	24 de febrero de 2026
EMPRESA:	Instituto Tecnológico Metropolitano (ITM)
CONTACTO:	Carolina Ramírez Sánchez
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TELEFONO:	

CIUDAD:	Medellín
N° OFERTA:	20178A
ENTREGA:	75 días
VALIDEZ:	90 días
MONEDA:	Pesos Colombianos
TÉRMINOS DE NEGOCIACIÓN:	DDP

Respetados Señores:

Cecoltec Services S.A.S., en calidad de representantes de PalmSens BV (www.palmsens.com) y Lightnovo (https://lightnovo.com), para el territorio colombiano se complace en presentar la siguiente oferta para su consideración:

MultiPalmSens4

Multi-channel Potentiostat / Galvanostat / Impedance Analyzer

The MultiPalmSens4 is a flexible multi-channel potentiostat, galvanostat and impedance analyzer which you can fully tailor to your requirements and budget. The MultiTrace software allows for using each channel individually or simultaneously or running a sequence of automated tasks on each channel. Each channel provides an additional auxiliary port for controlling peripherals or monitoring temperature or other analog signals.



Configure your ideal multi-channel potentiostat

Each channel can be configured with:

- ✓ ±5 V or ±10 V maximum potential range
- ✓ EIS/FRA with maximum frequency of 100 kHz or 1 MHz
- ✓ Bipotentiostat module for second WE
- ✓ iR-Compensation
- ✓ Galvanic isolation

Synchronizing channels in Synched mode

By enabling synchronization of channels and adjusting the setup of your cables, you can use the MultiPalmSens4 as a polypotentiostat. This means you can use multiple working electrodes, one counter and one reference electrode in the same cell at the same time. Your working electrodes all perform the same measurement.

MultiTrace for Windows
The MultiPalmSens4 comes with MultiTrace for Windows. MultiTrace allows the instrument to be controlled in two different modes: Individual and Simultaneous channel control mode.



Individual mode
The individual mode gives an overview of all channels. Each channel can be selected separately and can run a measurement independently in parallel with other channels. You can also run a script for a sequence of measurements and other actions on each channel.

Simultaneous mode
In the Simultaneous Mode the MultiPalmSens4 works with all channels running the same measurement in parallel at the same time. There is only one active method in the Method Editor which is started on all selected channels simultaneously upon start. All results are presented as overlays in the same plot.

Nexus
Engineered for Electrochemical Excellence

Building on PalmSens' legacy of providing top-tier solutions for accurate low-current measurements, Nexus delivers an ultra-low-noise performance that exceeds even our existing portable devices, while also supporting measurements up to 1 Ampere.



Versatile
Our high-end instrument, the Nexus, is a Potentiostat, Galvanostat, and optional a Frequency Response Analyser (FRA) for Electrochemical Impedance Spectroscopy (EIS). The Nexus has a large potential range (-12V to +12V) and current range (100 pA to 1 A) with a high resolution and low noise. The research software PSTrace makes using the Nexus a breeze. The scripting language MethodSCRIPT gives a user full control when needed. Looking for a multi-channel instrument? Just stack multiple instruments on top of each other.

Configurable
Nexus comes in different configurations:

- optional EIS/FRA module with maximum frequency of 1 MHz
- optional BiPotentiostat module for second WE
- iR-compensation (ohmic drop compensation) module
- Second Sense lead cable

Propuesta Económica

Item	Referencia	Cantidad	Descripción	Valor unitario	Valor Total
1	**C-MPS4-4CH**	**1**	**MultiPalmSens4 (±10 V and max. freq of 1 MHz)** *Multipotentiostat with 4 independent PalmSens4 potentiostats.*   Includes: • 8 GB on-board storage per channel • Cell cables with croc clips • Dummy Cell • USB cable • Chassis ground cable with croc clip (4 mm) • AC adapter • Soft carrying case • Manual and calibration report • MultiTrace for Windows (USB stick)	**$124.300.000**	**$124.300.000**
2	**C-NXS.F1.B0**	**1**	**Nexus**  Includes: • Nexus potentiostat/galvanostat with 1 MHz impedance analyzer and current ranges: 100 pA to 1 A • 32 GB on-board storage • Cell cable with croc clips • S2 cell cable with croc clip • Dummy Cell • USB-C and Ethernet cable • Hardware Sync Link cable	**$43.680.000**	**$43.680.000**

			• Chassis ground cable with croc clip (4 mm) • AC adapter • Soft carrying case • Operator's manual and calibration report • PSTrace for Windows (USB stick) • Computer Equipment		
				Valor Total (sin IVA)	**$167.980.000**
				IVA (19%)	**$31.916.200**
				Total (IVA incluido)	**$199.896.200**

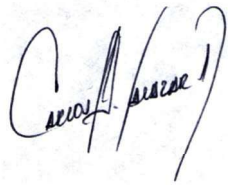
NOTAS ADICIONALES	
Términos de pago	**30 días fecha factura**
Garantía	**1 año posterior a la entrega solo aplica para equipos**

DATOS DEL COTIZANTE:
CECOLTEC SERVICES SAS NIT 901137482
90700000720 Cuenta Corriente - Bancolombia
943001495 Cuenta Corriente – Banco BBVA

RESPONSABILIDAD
Cecoltec Services S.A.S, no responde por lucro cesante que le puedan ser imputables con ocasión del incumplimiento de sus obligaciones, y el monto de los perjuicios indemnizables va máximo hasta el valor de este contrato.

Cualquier duda que se tenga con relación a la presente oferta puede ser resuelta por nosotros en cualquier momento, por favor no duden en contactarnos.

Cordialmente,



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