

**Malaviya National Institute of Technology, Jaipur**

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**Deepak Maheshwari**  
**Deputy Registrar**

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**CORRIGENDUM**

**Tender Notice No. F5(853)ST/MNIT/EE/2021**

The technical specification and compliance sheet mentioned at clause 3.1 and Annexure-I are hereby revised. The bidders are requested to submit their bids as per revised specifications.

**The last date of bid submission is extended up to 25.07.2022** for details visit:  
[www.mnit.ac.in](http://www.mnit.ac.in) and <https://eprocure.gov.in/epublish/app>

However, all other terms& conditions of our NIT will remain unchanged.

Revised technical specifications and Annexure-I

*Deepak Maheshwari*

Deputy Registrar  
(Store & Purchase)

### 3.1 TECHNICAL SPECIFICATION:

Technical Specifications required			
S No.	<b>1. PROGRAMMABLE DC POWER SUPPLY (Quantity-2)</b>		
Instrument Specifications	Input	Single Phase, 230V, 50Hz	
	Output	Voltage	0~120V
		Current	0~12.5A
		Power	0~1500W
	Resolution/Accuracy	Voltage	Resolution 0.001V/0.01V/0.1V, Accuracy $\leq$ 0.4%U <sub>max</sub>
		Current	Resolution 0.001A/0.01A, Accuracy $\leq$ 0.5%I <sub>max</sub>
	Ripple and Noise 20Hz~20MHz	V <sub>rms</sub>	80mV
		V <sub>pp</sub>	400mV
	Load effect	Voltage	Load effect $\leq$ 0.1%U <sub>max</sub> , Source effect $\leq$ 0.05%U <sub>max</sub>
		Current	Load effect $\leq$ 0.2%I <sub>max</sub> , Source effect $\leq$ 0.1%I <sub>max</sub>
	Transient response time	$\leq$ 5ms	
	Communication	RS-232 (Standard)	
	Protection	Output short circuit protection, output overvoltage, overheat, s-terminal over compensation protection, s-terminal, Anti connection protection	
	Warranty	1 year or more	
	<b>2. PROGRAMMABLE DC POWER SUPPLY (Quantity-2)</b>		
<b>Output Ratings</b>			
Voltage	0~35V		
Current	0~22.5A		
<b>Ripple and Noise (20 Hz to 20 MHz)</b>			
Voltage (root mean square value)	<10mV <sub>rms</sub>		
Voltage (peak-to-peak value)	<20mV <sub>p-p</sub>		
Current	<8mA <sub>rms</sub>		
<b>Load regulation</b>			
Voltage	0.1%		
Current	0.1%		
<b>Line regulation</b>			
Voltage	0.1%		
Current	0.1%		
<b>Meter Resolution</b>			
Voltage	0.2%		
Current	0.2%		
Warranty	1 year or more		

## COMPLIANCE SHEET

S No.	Particulars	Comply (Yes/No)	Supporting Page No.	
	<b>1. PROGRAMMABLE DC POWER SUPPLY (Quantity-2)</b>			
1	Instrument Specifications			
	Input	Single Phase, 230V, 50Hz		
	Output	Voltage	0~120V	
		Current	0~12.5A	
		Power	0~1500W	
	Resolution/Accuracy	Voltage	Resolution 0.001V/0.01V/0.1V, Accuracy $\leq$ 0.4%U <sub>max</sub>	
		Current	Resolution 0.001A/0.01A, Accuracy $\leq$ 0.5%I <sub>max</sub>	
	Ripple and Noise 20Hz~20MHz	Vrms	80mV	
		Vpp	400mV	
	Load effect	Voltage	Load effect $\leq$ 0.1%U <sub>max</sub> , Source effect $\leq$ 0.05%U <sub>max</sub>	
		Current	Load effect $\leq$ 0.2%I <sub>max</sub> , Source effect $\leq$ 0.1%I <sub>max</sub>	
	Transient response time	$\leq$ 5ms		
	Communication	RS-232 (Standard)		
	Protection	Output short circuit protection, output overvoltage, overheat, s-terminal over compensation protection, s-terminal, Anti connection protection		
	Warranty	1 year or more		
		<b>2. PROGRAMMABLE DC POWER SUPPLY (Quantity-2)</b>		
		<b>Output Ratings</b>		
	Voltage	0~35V		
	Current	0~22.5A		
	<b>Ripple and Noise (20 Hz to 20 MHz)</b>			
	Voltage (root mean square value)	<10mVrms		
	Voltage (peak-to-peak value)	<20mVp-p		
	Current	<8mArms		
	<b>Load regulation</b>			
	Voltage	0.1%		
	Current	0.1%		
	<b>Line regulation</b>			
	Voltage	0.1%		
	Current	0.1%		
	<b>Meter Resolution</b>			
	Voltage	0.2%		
	Current	0.2%		
	Warranty	1 year or more		

2	Proof of Earnest money Deposit		
3	Copy of GST Certificate and PAN		
4	Leaflets catalogue (Brochure)		
5	Non Blacklisting of Supplier and Price reasonability declaration		
6	Required past Experience		
7	Minimum average annual turnover of the bidder		
8	After Sale Service Certificate		
9	Manufacturer's Authorization Letter		
10	Certificate - Bidder Not from/ from Country sharing Land border with India & Registration of Bidder with Competent Authority		
11	Declaration of Local Content		