



BHEL-EPD

ELECTROPORCELAINS DIVISION
BENGALURU – 560012, INDIA
Purchase Specification
Group: Photovoltaic Module

SPEC. NO: EP: SPV: MC: 02

REV. 00

JOB NO. - STD.

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Electro-Luminescence Tester**1.0 TECHNICAL SPECIFICATION :**

a)	ITEM	Electro Luminescence Tester – For testing solar PV modules
b)	MODEL	Bidder to indicate
c)	MODULE FEEDIN/FEEDOUT	By Long edge leading
d)	CELL TYPE	Poly, Mono and inclusive for PERC type
e)	DIMENSION (L*W*H)	Bidder to indicate
f)	MAX MODULE SIZE	2000x1000mm
g)	IMAGE RESOLUTION	≥ 63 MEGA PIXEL
h)	EXPOSURE TIME	1sec - 25sec
i)	MAX POWER	Bidder to indicate
j)	POWER SUPPLY	Bidder to indicate
k)	COMPUTER HARDWARE & SOFTWARE	≥1 TB hard disk with latest configuration and full original software support. Compatible in Windows (10/13) .English version with English O/S & Keyboard.
l)	DISPLAY SCREEN SIZE	≥32 inches
m)	CAMERA QUANTITY & BRAND	Bidder to indicate
n)	AVERAGE THROUGHPUT	≥ 120 modules / hour
o)	DISPLAY OF DEFECTS	Micro crack Contamination Sintering Material defect Broken finger Low efficiency solar cost Cell gaps, Strings gap Strings parallelism, Color contamination, Stratified Eva Broken cell, Broken Corner Including all other defects in solar module

Revision (00):

Issued By

Prepared By

Checked By

Approved By

Date

1st Issue

SPV Pro.

Mohan

Manoj

CNP

23.01.2019

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		 BHEL-EPD	ELECTROPORCELAINS DIVISION BENGALURU – 560012, INDIA Purchase Specification Group: Photovoltaic Module			SPEC. NO: EP: SPV: MC: 02	
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		Electro-Luminescence Tester					
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		2.1 The Installation & Training charges of EL Tester in supplier, s scope.					
		2.2 The supplier shall provide warranty period for 12 months from the date of installation or 18 months from the date of supply.					
		Revision (00):	Issued By	Prepared By	Checked By	Approved By	Date
		1 st Issue	SPV Pro.	Mohan	Manoj	CNP	23.01.2019