

Annexure – I

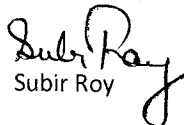
PR No.: 12300471, Dated: 11.09.2016

Item : Junction Box

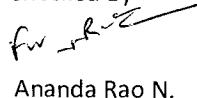
Qty. : 262,000 Numbers

	A. PRE-QUALIFICATION CRITERIA	Bidder's Confirmation (Please indicate deviations, if any)
1	The offer shall be quoted only by the original Junction Box manufacturers for SPV module. However OEMs can also quote through their authorized channel partners/ dealers / representatives with a valid authorization certificate.	Manufacturing Plant Location: (Complete Address & Contact Details)
2	Vendors should have a minimum of 1000,000 (One million) Numbers per annum production capacity for Junction Box.	Annual in-house manufacturing capacity for PV Junction boxes:.....Nos. Vendors should provide Documentary evidence for demonstrating their plant capacity published by the way of published annual reports, licenses, third party certification etc...
3	Vendors should have supplied Junction Box of minimum 300,000 (Three hundred thousand) numbers per annum to reputed SPV Module manufacturers. The reputed module manufacturer should have manufactured module of rating 250 Wp or above and shall be IEC certified in the last three years.	Vendors should provide copies of purchase order/ contracts/ delivery documents, performance certificate etc. from their customers viz., PV module manufacturers for supply of JB.
	BHEL RESERVES THE RIGHT FOR INDEPENDENT VERIFICATION OF THE CLAIMS MADE FOR CONFORMANCE TO THE PRE-QUALIFICATION CRITERION. BIDDERS TO ENSURE PROVIDING AUTHENTIC CERTIFICATES / DOCUMENTATION AND CREDENTIALS IN ORDER TO QUALIFY FOR BHEL TENDER PROCESS.	
	B. TECHNICAL	
1.	Junction Box offered shall comply with BHEL Technical Specification No. PS 901 02 0005, Rev. 02.	Acceptable/Not Acceptable
2.	Certificate of conformance to the specification shall be provided with each lot mentioning BHEL Purchase Order number and quantity supplied.	Acceptable/Not Acceptable
3.	Supplier has to replace defective item found during opening of the package at the time of actual use at BHEL.	Acceptable/Not Acceptable
	C. Price Basis	
1.	Price is to be quoted on per Number basis.	Acceptable/Not acceptable

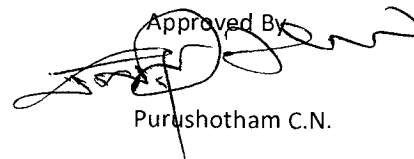
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BHEL-EPD

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

SPEC. NO: PS-901-02-0005

REV. 02

JOB NO.-STD.

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NOTE:

The Junction Box shall be TUV/ UL Certified to the standard (or as Amended latest) as follows:

Junction Box: EN 50548:2011 +A1
Connectors : EN 50521:2008 +A1
Cables : 2PFG 1169/08.07

Test Certificate to be provided along with the offer for the following documents

1. Raw material used for Junction box and MC connector.
2. Raw material grade and the source.
3. By pass diode with Electrical Data sheet.
4. Test Report on Temperature rise of By –Pass diode with Junction box.

INSPECTION AT BHEL:

1. Visual Inspection, Dimensional & Diode Polarity check.
2. Single Sampling Plan as per IS:10673-1983, Special Inspection Level S-4, AQL 1.0

PACKING CONDITIONS:

1. The cable shall be wound and tied, the junction boxes shall be packed in carton box. Each carton shall have manufacturers label containing:
 - I. Manufacturers Name
 - II. Lot No
 - III. Quantity
2. Final packing box shall have a label containing BHEL Purchase Order No. & date and Specification No. - BHEL / PS-901-02-0005.
3. Each lot must be accompanied with Test Certificate.

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Revision (02):	Issued By	Prepared By	Checked By	Approved By	Date
3 rd Issue	SPV Eng.	RKP <i>[Signature]</i>	NAR <i>[Signature]</i>	CNP <i>[Signature]</i>	20.09.16