

Annexure-A

SCOPE FOR VARIOUS DIODES

Sl. No	Description	Quantity (in No)	Accepted (Yes/No)	Deviation	Model No & OEM Name	Remarks
1.	MATERIAL SUPPLY INCLUDING SCOPE OF WORK, Technical specifications					
1.01	1N4004 Rectifier Diode. Maximum repetitive peak reverse voltage = 400V, maximum average forward rectified current = 1.0 A, package: DO-41 (DO-204AL)	50				<u>Bidder to provide details & comply</u>
1.02	1N4005 Rectifier Diode. Maximum repetitive peak reverse voltage = 600V, maximum average forward rectified current = 1.0 A, package: DO-41 (DO-204AL)	50				<u>Bidder to provide details & comply</u>
1.03	1N5401 DIODE. Maximum repetitive peak reverse voltage (VRRM) 100V, maximum average forward rectified current IF 3.0A. Case: DO-201AD	50				<u>Bidder to provide details & comply</u>
1.04	1N5404 DIODE. Maximum repetitive peak reverse voltage (VRRM) 400V, maximum average forward rectified current IF 3.0A. Case: DO-201AD	50				<u>Bidder to provide details & comply</u>
1.05	1N5406 DIODE. Maximum repetitive peak reverse voltage (VRRM) 600V, maximum average forward rectified current IF 3.0A. Case: DO-201AD	50				<u>Bidder to provide details & comply</u>
1.06	1N5408 DIODE. Maximum repetitive peak reverse voltage (VRRM) 1000V, maximum average forward rectified current IF 3.0A. Case: DO-201AD	50				<u>Bidder to provide details & comply</u>
1.07	10A02 DIODE. Maximum repetitive peak reverse voltage (VRRM) 100V, maximum average forward rectified current 10A. Case: R-6	50				<u>Bidder to provide details & comply</u>
1.08	10A04 DIODE. Maximum repetitive peak reverse voltage (VRRM) 400V, maximum average forward rectified current 10A. Case: R-6	50				<u>Bidder to provide details & comply</u>
1.09	10A07 DIODE. Maximum repetitive peak reverse voltage (VRRM) 1000V, maximum average forward rectified current 10A. Case: R-6	50				<u>Bidder to provide details & comply</u>
1.10	1N4448WS Surface Mount Diode. Maximum repetitive peak reverse voltage (VRRM) 100V, maximum average forward rectified current 150mA or more. Case: SOD-323	50				<u>Bidder to provide details & comply</u>

1.11	MCL4148 Surface Mount Diode. Maximum repetitive peak reverse voltage (VRRM) 100V, maximum average forward rectified current 150mA or more. Case: MICRO MELF	50				<u>Bidder to provide details & comply</u>
1.12	LL4148 Surface Mount Diode. Maximum repetitive peak reverse voltage (VRRM) 100V, maximum average forward rectified current 150mA or more. Case: SOD-80/MINI MELF	50				<u>Bidder to provide details & comply</u>
1.13	BAV19WS Surface Mount Diode. Maximum repetitive peak reverse voltage (VRRM) 120V, maximum average forward rectified current 150mA or more. Case: SOD-323	50				<u>Bidder to provide details & comply</u>
1.14	BAV20WS Surface Mount Diode. Maximum repetitive peak reverse voltage (VRRM) 200V, maximum average forward rectified current 150mA or more. Case: SOD-323	50				<u>Bidder to provide details & comply</u>
1.15	BAV21WS Surface Mount Diode. Maximum repetitive peak reverse voltage (VRRM) 250V, maximum average forward rectified current 150mA or more. Case: SOD-323	50				<u>Bidder to provide details & comply</u>
1.16	BYG20D Surface Mount Diode. Maximum repetitive peak reverse voltage (VRRM) 200V, maximum average forward rectified current 1.5 A or more. Case: DO-214AC	50				<u>Bidder to provide details & comply</u>
1.17	BYG20G Surface Mount Diode. Maximum repetitive peak reverse voltage (VRRM) 400V, maximum average forward rectified current 1.5 A or more. Case: DO-214AC	50				<u>Bidder to provide details & comply</u>
1.18	BYG20J Surface Mount Diode. Maximum repetitive peak reverse voltage (VRRM) 600V, maximum average forward rectified current 1.5 A or more. Case: DO-214AC	50				<u>Bidder to provide details & comply</u>
1.19	BAV99 Dual Surface Mount Diode. Maximum repetitive peak reverse voltage (VRRM) 70V or more, maximum average forward rectified current 200 mA or more. Case: SOT-23	50				<u>Bidder to provide details & comply</u>
1.20	EGF1B Dual Surface Mount Diode. Maximum repetitive peak reverse voltage (VRRM) 100V, maximum average forward rectified current 1A. Case: DO-214AC	50				<u>Bidder to provide details & comply</u>
1.21	EGF1D Dual Surface Mount Diode. Maximum repetitive peak reverse voltage (VRRM) 200V, maximum average forward rectified current 1A. Case: DO-214AC	50				<u>Bidder to provide details & comply</u>
1.22	GF1B Dual Surface Mount Diode. Maximum repetitive peak reverse voltage (VRRM) 100V, maximum average forward rectified current 1A. Case: DO-214	50				<u>Bidder to provide details & comply</u>
1.23	GF1D Dual Surface Mount Diode. Maximum repetitive peak reverse voltage (VRRM) 200V, maximum average forward rectified current 1A. Case: DO-214	50				<u>Bidder to provide details & comply</u>

1.24	GF1G Dual Surface Mount Diode. Maximum repetitive peak reverse voltage (VRRM) 400V, maximum average forward rectified current 1A. Case: DO-214	50				<u>Bidder to provide details & comply</u>
1.25	GF1J Dual Surface Mount Diode. Maximum repetitive peak reverse voltage (VRRM) 600V, maximum average forward rectified current 1A. Case: DO-214	50				<u>Bidder to provide details & comply</u>
1.26	GF1M Dual Surface Mount Diode. Maximum repetitive peak reverse voltage (VRRM) 1000V, maximum average forward rectified current 1A. Case: DO-214	50				<u>Bidder to provide details & comply</u>
2	<u>WARRANTY:</u>					
2.1	Party shall stand warranty for a period of 6 months from the date of reception of material at BHEL, store.					<u>Bidder to comply</u>
3	<u>GENERAL CONDITIONS:</u>					
3.1	A point wise compliance statement shall be submitted by the party with reference to the above scope of supply against each clause/sub-clause with relevant details & comments. Non-compliance to any of the above clauses & quoting inadequate quantity can lead to disqualification of the offer.					<u>Information to bidder</u>
3.2	Vendor must compulsorily quote the quantity exactly as per the scope of supply. No reduction in quantity as per the above scope of supply is permissible.					<u>Information to bidder</u>