19.01.2015 Nº DB-034

To: Chief Manager, (CS-G8), Power Grid Corporation of India Ltd., Saudamini, Plot No.-2, Sector-29, Gurgaon-122001. Haryana, India. Tel. +91-124-2571700-19 (Extn. 2348/3325);

Fax.: +91-124-2571831.

Date: 19th January 2015

Dear Gentlemen!

In the course of many decades, from the moment of appearance of Electrical Power Sector in Russian Federation and up to the present day Massa LLC – IZOLYATOR factory remains our regular supplier of high-voltage bushings for the needs of our Company. Below herewith we are kindly informing You on the list of HV bushings, rated 252kV/2000A, 252kV/2500A, with internal solid resin impregnated paper (RIP) insulation which have been developed, designed, manufactured, supplied, installed by Massa LLC during the period from Y2005 till December 2011 at the facilities of subdivision companies of JSC Federal Grid Company of Unified Energy System (JSC FGC UES): MES of Northwest, MES of Urals, MES of East, MES of Center, MES of Volga, MES of Siberia, MES of West Siberia, MES of South and work satisfactory till now.

Type of Bushing	Factory drawing	Year of commissioning	Q-ty, pcs.	Total Q-ty
252kV /2000A (transformer) 252kV /2500A (transformer)	ИВУЕ.686353.115 ИВУЕ.686353.113 ИВУЕ.686353.213 ИВУЕ.686353.213-01 ИВУЕ.686353.116 ИВУЕ.686353.114 ИВЕЮ.686352.002 ИВЕЮ.686352.003 ИВЕЮ.686352.008 ИВУЕ.686353.119	2005- 2011	563	
V				563

We confirm hereby the high quality of the supplied products by Massa LLC, as well as a complete compliance with the requirements of IEC 60137 standard, GOST 10693 standard and normative documents. All high-voltage bushings mentioned above have passed successfully all type and routine tests and are



successfully operating up to the present time. There have not been occured any problem with installation, commissioning and maintenance.

A successful experience in development of the partnership relations between **Massa LLC and JCS FGC UES** allows to recommend **Massa LLC - Izolyator factory** as a reliable partner for manufacturing and supplies of the bushings for high (110, 220, 330) and extra-high voltage levels (420, 550, etc.).

**JSC FGC UES** confirms herewith that **Massa LLC - Izolyator factory** is a strategical partner, wishing You prosperity and further innovative development of Energy Transmission and Distribution in Russia and Worldwide!

Your sincerely,

Deputy Chairman of Board Chief Engineer of JSC FGC UES

V. P. Dikoy