



WBSEDCL

**West Bengal State Electricity Distribution Company Limited
(A Government of West Bengal Enterprise)**

(IT & Communication Cell)

Vidyut Bhavan, 3rd Floor, C&D Block, Bidhan Nagar, Block-DJ, Sec-II, Kolkata-700091

Phone No.033-2358-9665, FAX No.033-2337-2427, 033-2358-9244

Website: www.wbsecl.in, e-mail: itcell@wbsecl.in

CIN: U40109WB2007SGC113473

Office Order no. : 2145

Date : 02-05-2022

Sub: Testing of Power System Equipment for use in the Supply System and Network of WBSEDCL for Cyber Security and enforcement of procurement policy as per as per the CEA(Cyber Security in Power Sector) Guidelines, 2021.

Ref: Office Order no. 2024 dated 19.08.2021 of Director(HR), WBSEDCL

Office Order as mentioned in the reference on the above mentioned subject has been modified as per the Office Order memo no. 12/34/2020-T&R dated 24.12.2021, MoP.

The above order stands revised to the extent attached in Annexure 1 to Annexure 4.

Moreover, Central Electricity Authority (CEA) under Ministry of Power, GOI has issued Guideline on Cyber Security in Power Sector,2021 in the form of Articles and requires mandatory Compliance. In line with the requirements, Following activities must also be strictly adhere throughout WBSEDCL:-

1. **Model Contractual Clauses:** - WBSEDCL shall ensure that, as and when Ministry of Power, Government of India notifies the Model Contractual Clauses on cyber security, these clauses are to be **included in their every Bid invited** for procurement of any ICT based components/equipment/system to be used for Power System.
2. **Procurement from Trusted Sources:** -
 - i. **If Trusted Sources available:** - Communicable Intelligent Equipment and the **Service Level Agreements (SLAs) for their Critical Systems shall be sourced** from the list of the "Trusted Sources" as and when drawn by MoP/CEA.
 - ii. **If no Trusted Sources available:** - Successful bidder in compliance with the provisions made in MoP order from time to time has got the product cyber tested for any kind of embedded malware/Trojan/cyber threat and for adherence to Indian Standards at the designated lab.



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3. Certification: -

- i. **If adequate certification facility available:** - Equipment/System supplied by the successful bidder shall accompany with a certificate* obtained by OEM from a certification body accredited to assess devices and process for conformance to IEC 62443-4 standards during design and manufacture.

*** Certification Schemes:**

1. Embedded Device Security Assurance Certification is for an individual product.
2. System Security Assurance Certification is for a set of products in a system (possibly from different vendors)
3. Security Development Lifecycle Assurance Certification is for the development processes that a manufacturer uses for developing products.

The National & International certification may be specified in the tender for critical system/subsystems being procured by WBSEDCL.

- ii. **If adequate certification facility not available:** - A digitally signed self-declaration of conformance to the IEC 62443-4 standards during design and manufacture of the equipment/system, if submitted by the OEM.

(Sujay Sarkar)
Director(HR)
WBSEDCL



West Bengal State Electricity Distribution Company Limited

(A Govt. of West Bengal Enterprise)

Registered Office: Vidyut Bhavan, Bidhannagar, Block-DJ, Sector-II, Kolkata-700 091

CIN: U40109WB2007SGC113473, website: www.wbsecl.in

Office Order No.: 2024

Dated: 19-08-2021

Subject: Testing of Power System Equipment for use In the Supply System and Network of WBSEDCL for Cyber Security.

Referring Office Order vide memo no. 25-11/6/2018-PG dated 02.07.2020, MoP has notified vide memo no. 12/34/2020-T&R dated 08.06.2021 that Central Power Research Institute (CPRI) as the nodal agency for Testing Power System Equipment used in the Supply System and Network in the country for Cyber Security.

In line with above, this is to state that all the OT-IT equipment, components and parts for use in the power supply system and network of WBSEDCL shall have be tested to check for any kind of embedded malware/Trojans/cyber threat and for adherence to Indian Standards henceforth.

All such testing will be done in certified laboratories that is designated by the Ministry of Power, GOI as per the Order no. 12/34/2020-T&R of Deputy Secretary to Govt. of India.

Power System Field Equipments/ Operational Technology (OT) like Remote Terminal Units, Intelligent Electronic Equipments, Smart meters, etc. has to be tested through CPRI for Cyber Security Conformance.

For all IT products procured/supplied shall have a valid Certificate of Common Criteria as per the ISO/IEC 15408 issued by signatories of the Common Criteria Recognition Agreement (CCRA) (www.commoncriteriaportal.org).

For import/ procurement/ supply through vendors sourcing from "Prior Reference Countries", the Certificate for Common Criteria shall have to be obtained from Government Laboratories in India according to the IC3S (Indian Common Criteria Certification Scheme) operated by Ministry of Electronics and Information Technology, which is a signatory to CCRA (<https://www.commoncriteria-india.gov.in/>).

For detailed instruction regarding testing protocol for cyber security conformance, testing criteria, details of type tests, designated laboratories and products, kindly refer to the Annexure 1-4 of Office Order no. 12/34/2020-T&R of Deputy Secretary to Govt. of India, Ministry of Power.


19.08.2021
(Sujay Sarkar)
Director(HR)

Distribution :

1. Adviser(S&V), WBSEDCL.
 2. Legal Adviser, WBSEDCL.
 3. Advisor (Recruitment), WBSEDCL.
 4. Chief Engineer: Dist./Dist. Planning/RE/Dist. Projects-I/II/III/Commercial/Hydel/EMD/PTP/Regulation/CRM/P&C/DTD/PIDD/PSPD/PPSP/Turga/R&EM/Solar/HydelConstn./Communication/Corp.Monitoring, WBSEDCL
 5. Chief Engineer (IT), WBSEDCL- **with request for uploading this Circular in the Website of the Company.**
 6. Chief Engineer & Project Manager, PPSP HQ, WBSEDCL.
 7. General Manager:(HR&A): Corp./T&D and PM, WBSEDCL.
 8. General Manager(F&A): Corp./IA, WBSEDCL.
 9. Company Secretary, WBSEDCL.
 10. Project Manager, PPSP Site/RHP/TCFHP/TPSP/JHP, WBSEDCL.
 11. Addl. Chief Engineer, Safety/EMD/S&LP, WBSEDCL.
 12. Officer on Special Duty, WBSEDCL.
 13. Chief Vigilance Officer, WBSEDCL.
 14. Zonal Manager: Kolkata/Burdwan/Midnapur/ Berhampur/ Siliguri Zone, WBSEDCL
 15. Addl. Genl. Manager (HR&A): SSC/CLM/Corp./ES ER-I./Dist./Legal/Vigilance/ES ER-II/Recruitment & Manpower Planning/PTP/PSPD/Common Service Cell/HCM Core Team/HRDD/Project-II/Land Acquisition/ Board Cell, WBSEDCL.
 16. Project Manager: Siliguri/ Raiganj/ Berhampore/ Barasat/ Burdwan/ Jalpaiguri/ Coochbehar/ Malda/ Balurghat/ Murshidabad-Nadia/ West Midnapur/ East Midnapur/ Bankura/ Baruipur/ Howrah-Hooghly/ Suri RE Project, WBSEDCL.
 17. Addl. Genl. Manager (F&A): Corp.-Finance/B&A/MIS-ESTB/Terminal Claims/ Hydel/Dist../RE/ P&C/ Internal Audit/Project-II/ IT, WBSEDCL.
 18. Advisor (Corporate Communication), WBSEDCL.
 19. Chief Medical Officer, WBSEDCL.
 20. Resident Director, Liaison Office, New Delhi, WBSEDCL.
 21. Chief Security Officer, WBSEDCL.
 22. Adviser (Land)/Chief Land Officer.Land Acquisition Cell, WBSEDCL
 23. Sr. Manager (F&A)/(HR&A), Indirect Taxes/ Budget/ Estb. Corp/ CMC/ EMD, WBSEDCL
 24. Regional Manager: South 24-Parganas/ Bidhannagar/ Balurghat/ North 24-Parganas/ Howrah/ Hooghly/ Burdwan/ Birbhum/ Tamluk/ Midnapur/ Bankura/ Purulia/ Nadia/ Alipurduar/ Murshidabad/ Malda/ Raiganj/ Jalpaiguri/ Darjeeling/ Coochbehar Region, WBSEDCL.
 25. Divisional Manager: Behala/Baruipur/Garia/ Diamond Harbour/ Canning/ Bidhannagar-I/Bidhannagar-II/ Howrah-I/ Howrah-II/ Uluberia/ Barrackpore/ Naihati/ Barasat/ Basirhat/Habra/Bongoan/ Serampore/ Singur-Haripal/ Tarakeswar/ Arambag/ Chandannagar/ Mogra/ Kalna/Katwa/Memari/Burdwan North/Burdwan South/ Durgapur/ Asansol/ Suri/ Rampurhat/Bolpur/ Tamluk/ Contai/ Haldia /Ghatal/ Midnapur/ Kharagpur/ Bankura/ Bishnupur/ Purulia/ Raghunathpur/Kalyani/ Krishnagar/ Tehatta/Berhampur/Kandi/ Raghunathganj/ North Malda/ South Malda/Uttar Dinajpur/ Dakshin Dinajpur/ Jalpaiguri/Domkal/Jiaganj/Alipurduar/ Coochbehar/ Darjeeling/Siliguri Town/ Siliguri Suburban / Kurseong/Islampur/ Kalimpong/Mal/Mathabhanga/Belda/ Egra/ Jhargram/ Khatra/ Nakashipara/ Kakdwip/Bhangar/New Town/Balurghat/Ranaghat Division, WBSEDCL. - **for further circulation as may be required under their jurisdiction.**
 26. P.S. to Chairman and Managing Director/Chief Financial Officer/ Director (R&T)/ Director (HR)/ Director (Dist)/ Director (Projects)/Director (Generation)/ Executive Director(IT)/ Executive Director(Comm), WBSEDCL.
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