



**ଓଡିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲି.ଓ.**  
**ODISHA POWER TRANSMISSION CORPORATION LIMITED**

(A Government of Odisha Undertaking)

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CIN: U4102OR2004SGC007553

**CORRIGENDUM-II**

**TENDER NOTICE NO. TW-IT/OT/03/543/2020-21 DATE: 11-12-2020**

for

***"Implementation of IP Based CCTV Surveillance System at 29 Grid Sub-Stations of OPTCL  
- Phase 4"***

1. The revised timeline under the Clause-3 of SECTION-1 for the above mentioned e-Tender is as follows:

**Clause-3: Bidding Schedule**

#	Important Dates	Current Date	Revised Date
10	Last date of sale of bidding document	31/12/2020(16:00 Hrs)	11/01/2021 (17:00 Hrs)
11	Last date and time for Receipt of bids	31/12/2020 (17:00 Hrs)	12/01/2021 (12:00 Hrs)
13	Time and date of opening of Techno-commercial bids	01/01/2021 (15:00 Hrs)	12/01/2021 (16:00 Hrs)

2. The revised Detailed Technical Specifications of 16 Channel NVR from 8 Channel NVR under Clause-2.I Section-IV for the above mentioned e-Tender is as follows:

16 Channel NVR with 2 SATA for 2nos. of HDD (with additional mouse and keyboard)		
1	16 Channel NVR or better	16ch 1080P IP cameras inputs; Supports recording at Full Resolution & high quality at highest bit rate for all channels at a time.
2	Resolution	Resolution 1920×1080, 1280×1024, 1280×720, 1024×768; Display Split 1/4/8/9/16; Recording Compression H.264 Version 3 / MJPEG Resolution 1080P(1920×1080) / 720p;
3	Codec	H.264, MJPEG dual codec decoding
4	Audio / Video	1/1ch Mic in/out; 4ch sync real-time playback; Two-way Talk 1 channel Input, 1 channel Output; HDMI,VGA output,1 BNC output; Minimum 4ch alarm in & 2ch relay out,RS485
5	Storage	Min. 4 SATA hard disk ports, each shall supports a hard disk with capacity min. 4TB. 2 USB, RJ45 (1000M);
6	Video Detection & Alarm	Shall have Video Motion Detection and Alarm Feature on events such as Video Loss & Camera Blank
7	Playback & Backup Features	Sync Playback. Search Mode Time/Date, Alarm, Motion detection with simultaneous search options; Digital Zoom; Backup Mode USB Device / Network
8	Network	Ethernet: Min. 2 nos. RJ-45 port (1000M); Network Protocols: HTTP, TCP/IP, IPv4/IPv6, UPNP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(Support IP camera, NVS and etc.); Support Multicast

9	Auxiliary Interface	USB 2 ports USB3.0; RS232 1 port, For PC communication & Keyboard; RS485 1 port, For PTZ control
10	Power	Power Supply AC220V;
		Power Consumption: Max. 40W(without HDD)
		Working Environment 5 -+55°C / 10-90%RH
11	Compliant / Certification	CE, FCC, EMC & <b>ROHS certification/UL certification</b> for Core Adaptor are mandatory; and ONVIF Complaint

**Note: The Techno-Commercial Bid Sheet has been uploaded. Bidders are requested to download the bid sheet.**

**All other terms and conditions of tender no. TW-IT/OT/03/543/2020-21 DATE: 11-12-2020 shall remain unaltered.**

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**Chief General Manager (IT)**  
**OPTCL**