



CORRIGENDUM

Tender Ref. No: **WBPDC/KTPS/NIT/E1290/18-19 Dtd. 01.02.19**

The 'Corrigendum' is hereby issued regarding Pre-Bid discussions held on 26/02/19 at 10-30 hrs and some important decisions made by the Competent Authority of KTPS, WBPDC.

Sl. No	Mentioned in the NIT	Should be read as
1	2.5 Detail description of the system Components: The system shall support video analytics in respect of the following 1. Video motion detection 2. Object tracking 3. Object classification & Tracking	The system shall support video analytics in respect of the following 1. Video motion detection 2. Object tracking 3. Object Detection
2	4.4.a LAYER 3 Managed SWITCH Industrial Grade Stackable Layer -3 Manage Switch having Minimum 24x10/100/1000 Base T Port with 4x1G SFP Slots & 4x10 SFP+ Slots or higher, Physical console port & redundant Power Supply, 19" Rack Mounted, with all necessary accessories to fix in Rack. Warranty: 3 Years OEM on-site NBD Make: Cisco/ HP/ Allied Telesis/ Juniper/Extreme	Enterprise Grade Stackable Layer -3 Manage Switch having Minimum 24x10/100/1000 Base T Port with 4x1G SFP Slots & 4x10 SFP+ Slots or higher, Physical console port & redundant Power Supply, 19" Rack Mounted, with all necessary accessories to fix in Rack. Warranty: 3 Years OEM on-site NBD Make: Cisco/ HP/ Allied Telesis/ Juniper/Extreme
3	4.4.b LAYER2 Managed SWITCH (24 PORT) Industrial Grade Stackable Layer-2 Manage Switch having Minimum 12x10/100/1000 Base T Port,12x1G SFP Slots or 24X1G SFP Slots & 4X10G SFP+ Slots, Dual Redundant Power Supply, Physical Console port, 19" Rack Mounted, with all necessary accessories to fix in Rack. Warranty: 3 Years OEM on-site NBD Make: Cisco/ HP/ Allied Telesis/ Juniper/Extreme	Enterprise Grade Stackable Layer-2 Manage Switch having Minimum 12x10/100/1000 Base T Port,12x1G SFP Slots or 24X1G SFP Slots & 4X10G SFP+ Slots, Dual Redundant Power Supply, Physical Console port, 19" Rack Mounted, with all necessary accessories to fix in Rack. Warranty: 3 Years OEM on-site NBD Make: Cisco/ HP/ Allied Telesis/ Juniper/Extreme
4	4.4.c LAYER 2 MANAGED POE SWITCH,24 PORT Industrial Grade Layer-2 Gigabit Manage POE Switch Having Minimum 24x10/100/1000 BaseT PoE Port, 4x1G SFP Slots. IEEE 802.1s MSTP, Static Routing, Minimum PoE Power Budget: is equivalent to 24 Nos. cameras power, 19" Rack Mounted, with all necessary accessories to fix in Rack. Warranty: 3 Years OEM on-site NBD Make: Cisco/ HP/ Allied Telesis/ Juniper/Extreme	Enterprise Grade Layer-2 Gigabit Manage POE Switch Having Minimum 24x10/100/1000 BaseT PoE Port, 4x1G SFP Slots. IEEE 802.1s MSTP, Static Routing, Minimum PoE Power Budget: is equivalent to 24 Nos. cameras power, 19" Rack Mounted, with all necessary accessories to fix in Rack. Warranty: 3 Years OEM on-site NBD Make: Cisco/ HP/ Allied Telesis/ Juniper/Extreme
5	3.0 SCOPE OF WORK: g) Erection, Testing and commissioning of all the equipment at the Site and Dismantling of existing Panels/system and on completion "Trial Run" of entire system and putting into Operation;	g) Erection, Testing and commissioning of all the equipment at the Site and Dismantling of all existing OFC splicing to be re done(Approx. 500 Nos. including redone & New) & existing Panels/system and on completion "Trial Run" of entire system and putting into Operation;



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Kolaghat Thermal Power Station

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6	2.1 INTEGRATION OF ACTIVE COMPONENTS (new Camera and already existing Cameras): a) The integration of all supplied cameras & already installed IP Cameras with VMS software will be done by the vendor along with supply of 128 nos. camera licenses and 20 nos. client licenses.	a) The integration of all supplied cameras & already installed BOSCH AUTODOME IP 7000 Cameras with VMS software will be done by the vendor along with supply of 128 nos. camera licenses and 20 nos. client licenses.
7	3. List of Materials (BOQ SL. NO. 1 to 42) 3.9 NETWORK MANAGEMENT SOFTWARE(NMS) NETWORK MANAGEMENT SOFTWARE(NMS) For monitoring all Type of Network hardware (Switch, Camera, Workstation, Server etc .) with sufficient licenses.	NETWORK MANAGEMENT SOFTWARE(NMS) For monitoring all Type of Network hardware (Switch, Camera, Workstation, Server etc .) with sufficient licenses (Approx. 200 +/- 10%)
8	4.2 SYSTEM HARDWARE FOR SERVERS: In 4.2.a. VMS Server & 4.2.b. NVR (Video recording Server) Operating system: Windows Server 2016 R2 Standard 64 bit	Clarification: We need total 4(four) nos. of Windows Server 2016 R2 Standard 64 bit 1) VMS Server 1 No 2) Recording servers 2 Nos. 3) Spare 1 No.
9	3. List of Materials (BOQ SL. NO. 1 to 42) In 3.28 LIU,RACK MOUNT,24 PORT & 3.29 LIU,RACK MOUNT,12 PORT	Clarification: LIU 24 port & 12 port , IP rating for enclosure is 55 or higher rating for Indoor & Outdoor Weather Proof
10	4.1.a. HD IP Fixed Dome Camera (4MP Resolution) 4.1.b. HD IP Fixed /Bullet Cameras (4MP Resolution) 13 Analytics Motion Detection/Scene change (covering, defocusing)/Face detect	Clarification: Considered Analytics in VMS.
11	4.1.a. HD IP Fixed Dome Camera (4MP Resolution) 5) IR Illuminator (Internal) - 50m	5) IR Illuminator (Internal) - 30m or better
12	In BOQ Sl. No. 1, 2 & 3 Total Nos. Of Camera 135 Nos. & in Sl. No. 8 NVR Software License 128 Nos.	Clarification: Total 128 nos. Camera will be installed & 07 Nos for spare
13	19. Delivery Period: - Material shall be delivered at KTPS site-store within the period 60 (Sixty days) from the date of issue of the Purchase Order and Installation & Commissioning at KTPS site within the period 120 (One hundred twenty days) from the date of issue of the Service Order.	Material shall be delivered at KTPS site-store within the period 90 (Ninety days) from the date of issue of the Purchase Order and Installation & Commissioning at KTPS site within the period 150 (One hundred fifty days) from the date of issue of the Service Order.

Corporate Identity No. U40104WB1985SGC039154

Registered & Corporate office :

'Bidyut Unnayan Bhaban', Plot No. 3/C, LA-Block, Sector-III, Bidhannagar, Kolkata-700 098.

Phone : (033) 2335-0571/2339-3100 • Fax : (033) 2339-3186/2339-3286 • Website : www.wbpdcl.co.in • e-mail : wbpdcl@wbpdcl.co.in



14	<p>4.1.a. HD IP Fixed Dome Camera (4MP Resolution) 4.1.b. HD IP Fixed /Bullet Cameras (4MP Resolution)</p> <p>14) Privacy Zone - 4 configurable windows</p>	14) Privacy Masking - 4 configurable windows
15	<p>4.3 VIDEO OPERATION, CONTROL, MANAGEMENT, RECORDING AND PROCESSING SOFTWARE: Specification SYSTEM DESCRIPTION FUNCTIONAL REQUIREMENTS D. VMS shall have following major capabilities: 4. Anonymization Support Anonymization feature is to help the business / mission critical areas to meet the GDPR compliance standards easily. The objective of this feature is to hide the identifiable personal data or personal identity in a video surveillance system using masking techniques. The Anonymization feature supports two types of masking: • Blur: Blurs the region • Pixelize: Pixelizes the region</p>	Private/Privacy masking should be available in VMS as well as playback.
16	<p>4.3 VIDEO OPERATION, CONTROL, MANAGEMENT, RECORDING AND PROCESSING SOFTWARE: Specification SYSTEM DESCRIPTION FUNCTIONAL REQUIREMENTS D. VMS shall have following major capabilities:</p> <p>5. Four Eye Authentication Support This feature is also part of Privacy Protection setting and to meet the GDPR compliance standards easily. This feature is to restrict all users in a surveillance system to perform Playback operation. While performing playback operation at least two people from different roles should authenticate. For an Administrator, user authentication is not required and can do any playback operation. For an operator user, a popup is displayed and an Administrator user or any other User with different role needs to authenticate to perform playback operation.</p>	<p>Clarification: This point no 5 is hereby cancelled</p>
17	<p>3. List of Materials (BOQ SL. NO. 1 to 42) 3.19 OPTICAL FIBRE CABLE,6 CORE 6 Core Single Mode Outdoor Armored Fiber Optic Cable Make: Molex/ Tyco/ AMP/ Digilink/ Systemax,/D-link,</p>	6 Core Single Mode Outdoor Armored Fiber Optic Cable must be min. 2 KM cable per drum



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18	SERVICES:(BOQ Sl. no.43 to 46) 3.44 Underground laying of fiber optic cable through HDPE pipe with bricks, cable marker & necessary accessories.	Underground laying of fiber optic cable through HDPE pipe with bricks, cable marker & necessary accessories.(Minimum 3 feet deep form the surface,4 Nos of Bricks per meter & One cable marker per 50 meter)
19	SERVICES:(BOQ Sl. no.43 to 46) 3.46 Project implementation charges including Commissioning, Design & drawing, Engineering, documentation, Testing, Training, Pre-FAT, FAT, SAT including Engineering & Documentation	3.46 Project implementation charges including Commissioning, Design & drawing, Engineering, documentation, Testing, Training, SAT including Engineering & Documentation
20	Availability of Power	Power source will be provided by KTPS, WBPDC
21	4.1.c 4 MP PTZ DOME OUTDOOR IP CAMERA 8. Focal Length 4.5 mm - 135 mm	Clarification: Optical Zoom: Min. 30X acceptable

N.B.

- 1) For OEMs Annexure 1 is to be submitted.
- 2) Location wise CCTV Switch & Camera Distribution in Annexure 2
- 3) OFC Layout Diagram in Annexure -3
- 4) Manufacturer's Authorization Form(MAF) for BOQ Sl. No. 1,2, 3, 4, 5, 6, 11, 12, 13, 14, 22, 23 must be provided at the time of Technical BID Submission.
- 5) Test Certificate/ Report of the items for BOQ Sl. No. 1,2, 3, 4, 5, 6, 11, 12, 13, 14, 22, 23 must be provided at the time of delivery.
- 6) 15 (Fifteen) years Site Certification for all passive components for BOQ Sl. No. 19, 20, 21, 24, 25, 26, 27 must be provided after successful commissioning.

All other terms & condition will remain unchanged.

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ANNEXURE - 1
DECLARATION FROM OEM

To,
Sr. Mgr. (Purchase)
KTPS, WBPDC

Tender Ref. No: **WBPDC/KTPS/NIT/E1290/18-19 Dtd. 01.02.19**

Tender Name: **Procurement of "Supply, Installation & Commissioning of CCTV for KOLAGHAT THERMAL POWER STATION (6 X 210 MW)."**

Dear Sir,

We (OEM Name: _____)

having factory in _____

certify that the **Bidder** (Name) _____

to bid, negotiate and conclude the contract with you against the above-mentioned tender for the above equipment/software manufactured/developed by us.

1. We herewith certify that the quoted equipment's/ Software products are not end of sale and end of life for next 5(five) years.
2. We'll provide the service and support as per tender clause.
3. We'll provide spare & service support for at least 10(ten) years from the date of supply.
4. We've our own service setup and team in India for the past 5(five) years as well we certify that we've the required support center in India.
5. We are not BLACKLISTED in any PSU/Govt. in India for last 5(five) years.
6. In the event on non-availability of spares due to fast obsolescence of hardware & software, we shall arrange to upgrade the equipment with equivalent or higher hardware & software till end of AMC period.

Thanking you,

Yours Sincerely,

Name:

Date:

Signing Authority

(Director/ Country Head / Company secretary with Seal)

ANNEXURE - 2

Location wise proposed Switch & Camera Position							
Location	Switch			Camera			
	Distribution Switch	24 Port POE	8 Port POE	PTZ	Bullet	Dome	
Security Room	1(L3)	1	1	2	2	2	
DGM(FM)		1			1		
CW PpHouse-I			1		4		1 for chlorination plant
ECR	1	1		2	5		
400 KV Yard			1	4			
220 KV Yard			1	1	3		
132 KV Yard			1	1	2		
BHEL Godown			2		7		1 for ETP
CW PpHose -2			1		2		
CHP DE Bldg	2						
Wagon Tippler			1		2		
Track Hopper			1	3			1 for PTP
Crusher House			1		4		
Conveyor Belt			2		10		
CHP PLC		1			3		
AHP Dry ash CR		1			1		
Bunker Floor			2		12		
Chemical LAB		1			2	2	
Workshop	1	1			1		
Store Godown			1		4		
Fuel Oil U/L			1		4		
Main SILO W/B		1		2	1		
Ash SILO Loading Area			1	2			
Store		1	3		10		1 for srapp yard
GS Building	1		6	3	22		6 for SG & 6 for MOT area
	5	9	27	20	102	4	

ANNEXURE - 3

