

Republic of the Philippines Department of Budget and Management PROCUREMENT SERVICE -PHILIPPINE GOVERNMENT ELECTRONIC PROCUREMENT SYSTEM BIDS AND AWARDS COMMITTEE



#### Bid Bulletin No. 1 12 May 2021

## PUBLIC BIDDING NO. 21-056-7

## SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF INTEGRATED BODYWRON CAMERA WITH WIRELESS TRANSMISSON FOR THE OFFICE OF TRANSPORATION AND SECURITY

Issued pursuant to Sec. 22.5 of the IRR of R.A. 9184 to clarify and/or amend certain provisions in the Bidding Documents issued for this project, considering the issues raised and clarifications made by prospective bidders during the Pre-bid Conference held on **05 May 2021**, likewise, respond to bidders' written queries received within the prescriptive period for filing.

# A. AMENDMENTS / INCLUSIONS

## I. SECTION III. BID DATA SHEET

REFERENCE	BASES FOR AMENDMENT
Clause 5.3 Page 19 Item a xxx a. Contracts similar to those classified any contract on Integrated Bodyworn Camera	To amend the provision and to relax the requirement for the Single Largest Completed Contract. To encourage more bidders to participate in the project.
or <u>any contract for surveillance</u> <u>equipment, devices or CCTV cameras</u> <u>with remote/live viewing capability.</u>	
Clause 20.2 Page 20 Item No. 7	
XXX A duly notarized affidavit attesting that supplier shall have at least five (5) years' experience in the supply of goods and services in similar/ related projects, with project cost not less than <b>Php50,000,000.00 P48,000,000.00.</b> XXX	To amend the provision under Item No. 7, in connection to the percentage coverage of the SLCC requirement provided under Section II. Instructions to bidders and Section III. Bid Data Sheet, Clause 5.3.

### II. SECTION VII. TECHNICAL SPECIFICATIONS

REFERENCE	BASES FOR AMENDMENT
Page 36 XXX Network Storage (Intel® Core <sup><math>m</math></sup> i7- <del>11700F</del> <u>10875H</u> Processor, 8 cores, <del>2,5Ghz</del> <u>2.5GHz</u> , burst up to <del>4.9Ghz</del> =5.10GHz Memory: 16GB, DDR4) <u>,16MB Smart</u> <u>Cache</u> Compatible drive type: 5 x 3.5" or 2.5" SATA HDD/SSD, 2 x M.2 2280 NVMe SSD Swappable drive XXX	To amend the provision on the Technical Specification. Please refer and use <b>Appendix "1</b> " for the Compliance with the Technical Specification Form.

### **B. CLARIFICATION**

The Department of Budget and Management – Procurement Service – Bids and Awards Committee VII hereby clarify bidders' concerns and queries.

NO.	CONCERN	REFERENCE	CLARIFICATION/ RESOLUTION
	Clarit	fication during Pre-Bid Confer	ence <sup>1</sup>
1	Prospective bidder clarified if installation of CCTV will be accepted.		

<sup>&</sup>lt;sup>1</sup> Pre-Bid Conference held on May 5, 2021.

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			capability." Please refer to the amendment part of the bid bulletin for the definition of similar contract.
2	Prospective bidder clarified if installation of software only is acceptable.	Section III- Bid Data Sheet Clause 5.3 Definition of the Single Largest Completed Contract Similar to the Contract to be Bid.	Please refer to the amendment part of the bid bulletin for the definition of similar contract. To clarify, the installation of software only is not acceptable.
3	Prospective bidder clarified that Similar Contract shall refer to any contract for surveillance equipment or devices.	Section III- Bid Data Sheet Clause 5.3 Definition of the Single Largest Completed Contract Similar to the Contract to be Bid.	Please refer to the amendment part of the bid bulletin for the definition of similar contract.
4	The prospective bidder requested to amend the delivery period.	Section VI. Schedule of Requirements Page 30 xxx <b>Delivery Period</b> xxx	The End Users hereby clarify that the original requirement for the Delivery Period is retained. Delivery Period is within One Hundred Twenty (120) Calendar Days from the effective date indicated in the Notice to Proceed.
5	Prospective bidder asked how many monitors will be required.	Section VII. Technical Specification Page 36 xxx Large Screen Monitors Branded 40" with and wall mounts xxx	The Large screen monitors consist of 4 units. Please refer to Bid Form, breakdown of items.
		ANNEX DIGITAL INC. <sup>2</sup>	
6	Requested that the	Section III- Bid Data Sheet	Please refer to the

<sup>2</sup> Letter dated May 6, 2021

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	definition of the Single Largest Contract be relaxed to any contract for the Supply, Installation and Commissioning of integrated CCTV Cameras with remote/live viewing? This would allow for better participation and more or less suit the general intent of the project thereby more advantageous to the Government.	Clause 5.3 Definition of the Single Largest Completed Contract Similar to the Contract to be Bid.	amendment part of the bid bulletin for the definition of similar contract.
7	May we know the existing operational viewing system of OTS that the body worn cameras will integrate to?	Section VII. Technical Specifications	The requirement is the new Bodyworn to integrate into the existing system using standard based technology. In this instance they should ensure that they are either (Open Network Video Interference Forum (ONVIF) Profile S compatible or output an rtsp stream in order to ensure compatibility with the current VMS.
8	Can this requirement be omitted since TDDLTE, FDDLTE and WCDMA can more than comply to provide the functions of the body worn camera in terms of real-time video transmission? In addition a proof of concept that requires integrating with the viewing to OTS platform shall be conducted to ensure inter-operability and compliance.	Section VII. Technical Specifications	We retain the requirement. The bands are required to ensure compatibility with both public and some private networks.

9	The dimension and weight of a specific device may vary depending on the brand and model of a device. May we request if this requirement be replaced with "Manufacturer Standard" instead of giving specific weight?	Section VII. Technical Specifications xxx Maximum Weight 180g xxx	The End Users hereby clarify to retain this requirement in consideration of the BWCs projected utilization in the field. The weight of the BWC is critically important to ensure that the proposed BWC is not too heavy to carry during operations.
10	Do we need to use frequency or high frequency RFID card/Sticker? Is this hand-held or connected to a work- station?	Page 35 xxx	The RFID is connected to the work station.
11	Are we going to provide a fixed type of wall-mounted bracket for the monitors?	Section VII. Technical Specification Page 36 xxx Large Screen Monitors Branded 40" with and wall mounts xxx	Fixed wall mount bracket will be needed for these large screen monitors, but not for the workstations.
12	How many minutes do we need for the UPS Back-up time?	Section VII. Technical Specification Page 36 xxx "UPS Power Supply	The minimum required back- up time for the UPS is fifteen (15) minutes. He UPS should provide 15 minutes for the work stations to perform graceful shutdowns in the

		Outputpowercapacity:700Watts/1.0kVANominalOutput Voltage:230VOutputVoltage Distortion:Lessthan5%OutputFrequency(sync tomains):50/60Hz +/- 3 HzOtherOutput Voltages:220,240Waveform type:Sine waveOutputConnections(8)IEC 320 C13 (BatteryBackup)(2)IEC Jumpers (BatteryBackup)"	event of power failure.
13	May we request to extend the working temperature to -20°C to + 55°C? This is to ensure that cameras work in their optimum considering the temperature range in the country. On very hot conditions the peak heat index in the country reaches 50°C therefore +55°C would be a more appropriate requirement.	Section VII. Technical Specification Page 35 xxx Working temperature -30°C to +50°C xxx	The range for acceptability of the machine's working temperature is set at-30°C to +50°C, if any bidder can provide working temperature range wider than our range, the offer is highly acceptable.
14	Is face detection, face picture capture, and upload a licensed feature or a supported feature? Given that processing of faces must be done a centralized server to be effective and ensure database support, workflows and blacklist/white list?	Section VII. Technical Specification Page 36 xxx Facial Recognition License Must sent live alarms locally and centrally within 15 seconds must be perpetual xxx	The Facial Recognition solution must be licensed, fully working and available in all delivered units.

Γ						
	REMAX <sup>3</sup>					
		In NPM 054-2013, the GPPB ruled that <i>similarity</i> of contract should be interpreted liberally in the sense that it should not refer to an exact parallel, but only to an analogous one of similar category. Such definition must not limit competition and unfairly prevent participation of interested capable suppliers.	Section III- Bid Data Sheet Clause 5.3 Definition of the Single Largest Completed Contract Similar to the Contract to be Bid.	The End Users hereby clarify that the project title emphasizes wireless transmission for live viewing of events captured by the Body Worn Camera. The BWCs have been in the Philippines for quite some time now i.e. LGUs (Makati, QC, etc.), PNP, PCG, etc. We recommend to relax the single largest completed contract to "any contract for		
	15	Also, it is known fact that the trend on the use of Bodyworn cameras (BWC) in law enforcement is just starting. To limit the definition to BWC contracts only, would limit the option to the few brands that have been initially procured by the Philippine Government.		surveillance equipment, devices or CCTV cameras with remote/live viewing capability." Please refer to the amendment part of the bid bulletin for the definition of similar contract.		
		It is also because of this fact that we are requesting that items c, d, and e of ITB Clause 5.3 be instead transferred to Section VII. Technical Specifications as part of the evaluation or acceptance parameters. Not only because they limit the competition, but also because they properly belong in Section VII. We suggest the following modification <sup>1</sup> in the				

<sup>&</sup>lt;sup>3</sup> Letter dated 5 May 2021.

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phrasing:	
c. Bidder must demonstrate have	
installed bodyworn	
cameras with live-	For item c and d:
streaming capability in	for item c and d.
the Philippines to ensure	
compatibility with local	We retain this requirement
network provider and	considering that the BWC set
must submit certification	up is part of the requirement
from end-user.	to demonstrate simultaneous
	downloading and charging to
	accommodate as many units
d. Bidder must provide a	as possible.
proof of concept (POC)	
within 5 days from its	
receipt of after the	
notice of lowest	
calculated bid,	
consisting of an Eight	
(8)-minimum of 24	
bodyworncamera <u>setup.</u> The bodyworn cameras	
setup must should be	
capable of demonstrate	
integration with	
operational viewing	
capability that is already	
in service within OTS or	
elsewhere in the DOTr	
operational area.	
On "d" above, the	
reduction from a 24-BWC	
setup to an 8-BWC setup	
is requested, not only because an 8-BWC setup	
is a little less costly, but	
also because an 8-BWC	
setup is already capable	
enough to demonstrate	
functionality and	
compatibility of the	
product being offered.	
To top it all, the bidder	
would be at a great risk	
of losing its investment	
on the POC setup since	
there is no certainty for	
the bidder to eventually	

17	technical requirement of the Network Storage is 11 <sup>th</sup> Gen, and we believed it is not yet available in	BT INDUSTRIES INC. <sup>4</sup> Section VII. Technical Specifications Page 36 xxx Network Storage xxx	Please see amendment part of the bid bulletin.
16	With the published ABC of ₱ 96,000,000.00 we posit that the foregoing Item 7 is no longe applicable since 50% o P 96M is ₱48M. We request then that the item 7 be deleted because it is a redundan requirement.	<ul> <li>Page 20</li> <li>Item No. 7</li> <li>f xxx</li> <li>A duly notarized affidavit attesting that supplier shall have at</li> </ul>	Please see amendment part of the bid bulletin. To clarify the requirement for the duly notarize affidavit shall still be required. The applicable similar/related completed project cost shall not be less than ₱48,000,000.00.
	be awarded the contract. And for purposes of gathering additional data to ensure integration may we request that we be allowed to make ar onsite visit to gathe additional data on the existing operational viewing capability of the OTS and some identified DOTr operational area.	f a , e n r e l e	

<sup>&</sup>lt;sup>4</sup> Letter dated 7 May 2021.



Amendments/inclusions/clarifications made herein shall be considered an integral part of the Bidding Documents.

The changes made in the Philippine Bidding Documents (6<sup>th</sup> Edition, July 2020) are deemed integrated in the terms and conditions for this project.

(SGD) ULYSSES E. MORA Chairperson, Bids and Awards Committee VII

Appendix "1"

LOT NO. 1	:	INTEGRATED BODYWORN CAMERA WITH WIRELESS TRANSMISSION
QUANTITY	:	1 Lot
APPROVED BUDGET FOR THE CONTRACT	:	₽ 96,000,000.00

ITEM DESCRIPTION	BIDDER'S STATEMENT OF COMPLIANCE
Integrated Body worn camera with wireless transmission	D 1
Video resolution up to 1080p with integrated video transmission platform providing a real-time, common operating picture,	Brand:
allowing live consultation with control room. Streaming of high quality, low latency, real-time video and audio with bandwidthsaslowas9kbpsto 2Mbps Over-the-air high-resolution Image	Model:
Retrieval: Up to1080p over User definable areas via high quality JPEG Over-the-air archive retrieval	
3G/4G/5G Real-time transmission	
TDDLTE: Band 38 (2570-2620M) Band 39 (1880-1920M)	
(1880-1920M) Band 40 (2300-2400M)	
Band 41 (2496-2690M)	
FDDLTE: Band 1 (UL:1920-1980M, DL:2110-2170M) Band 3 (UL:1710-1785M, DL:1805-1880M).	
WCDMA: Band 1 (UL:1920-1980M, DL:2110-2170M) Band	
2 (UL:1850-1910M, DL:1930-1990M) Band 5 (UL:824-849M, DL:869-894M)	
TDSCDMA:	
Band 34 (2010-2025M) Band 39 (1880-1920M)	
EVDO: BC0 (UL:824.025-848.985M, DL:869.025-893.985 M)	
Wi-Fi, 802.11b/g/n, 2.4G/5Gdualband Live GPS transmitted alongside video stream Live one button touch SOS alarms	
2.0 inch TFT LCD, touch screen	

32GB built-in TF memory, RAM1GB	
Built-in microphone	
Video recording time up to 8 hours	
Secure recording format with built-in encryption and watermarking	
of metadata a	
Ingress protection IP67 with certification	
Battery 3000mAh lithium polymer battery (4.35V), replaceable	
USB Charging method	
Working temperature -30°C to +50°C Harness for Body worn unit	
Maximum Weight 180g	
Must have CMOS sensor with at least field of view Horizontal angle $>120^{\circ}$ .	
Docking station	
Provides docking capacity to charge and offload data from up to 8 BW	
devices	
Dock controller	
Provides network connectivity for up to three docking stations	
Supplied with network cable	
RFID checkout kit	
USB RFID reader. Also includes up to one RFID card or sticker per BW	
purchased	
Provides capability to check out BW devices using a supported RFID	
card or sticker.	
<b>Evidence Management and Live Viewing Workstation</b> Windows OS	
Minimum Intel i5quad-core processor	
Minimum 8GB RAM	
Minimum 128GB storage	
Live Viewing/Streaming Client Software	
The viewing/management client software shall be capable of monitoring	
individually each video stream. Users shall be able to remotely view	
individual or multiple video streams from a single mobile device	
(software only - hardware not supplied). Video streams shall only be	
viewed by authorized users. Access from public networks shall be	
adequately protected.	
The client/compared all accorded to completities to a	
The client/server shall provide the capability to:	
<ol> <li>Provide a minimum acceptable video stream quality.</li> <li>Configure the quality of a viewed video stream.</li> </ol>	
<ol> <li>Configure the quality of a viewed video stream.</li> <li>Review full resolution video frames from a recently viewed</li> </ol>	
video stream held in a buffer at the BW Site.	
4. Export full resolution video frames in a standard image format.	
Exported images shall be of a sufficient quality for image	
analysis e.g. Facial Recognition engines.	
5. Save video frames locally on their viewing device.	
6. Remotely view multiple BW video streams from a single mobile	
device.	
7. Restrict user permissions to support sensitive operations i.e. BW	
video feeds can be restricted to special user groups. User permissions shall include as a minimum:	
a. Viewing individual video streams.	
<ul><li>b. Viewing the recorded video archive.</li></ul>	

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c. Downloading archive video recordings.	
d. Modifying video stream performance characteristics.	
a. Provide logging features. System logs shall include as a	
minimum:	
a. System access logs.	
<ul><li>b. Video stream access logs.</li><li>c. Configuration change logs.</li></ul>	
d. Video archive download logs.	
8. Remotely access archived video using a local workstation or	
remote PC/Mobile Device (Android and iOS) to view or	
download the archived video.	
9. Archive video playback over a data link with a throughput of	
between 9kbps and 2000kbps.	
Large screen monitors	
Branded 40" with and wall mounts	
Live Video Streaming License	
Must be perpetual	
Must allow the live streaming of any online body camera on demand	
Facial Recognition License	
Must sent live alarms locally and centrally within 15 seconds	
Must be perpetual	
Evidence Management License	
Access and management of recorded video footage uploaded from	
connected cameras.	
Management of System User and Operator accounts.	
Management of camera settings.	
Secure chain of evidence	
Proven evidence management platform Network Storage	
(Intel® Core <sup>™</sup> i7- <u>10875H</u> Processor, 8 cores, 2 <u>.</u> 5GHz, burst up to	
5.10GHz	
Memory: 16GB, DDR4) ,16MB Smart Cache	
Compatible drive type: 5 x 3.5" or 2.5" SATA HDD/SSD, 2 x M.2 2280	
NVMe SSD	
Swappable drive	
LAN: 2 x Gigabit (RJ-45)	
Supported RAID type Synology Hybrid RAID (SHR), Basic, JBOD,	
RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	
Storage : 8TB HDD	
UPS Power Supply	
Output power capacity: 700Watts / 1.0kVA	
Nominal Output Voltage: 230V	
Output Voltage Distortion: Less than 5%	
Output Frequency (sync to mains): 50/60Hz +/- 3 Hz	
Other Output Voltages: 220, 240	
Waveform type: Sine wave	
Output Connections	
(8) IEC 320 C13 (Battery Backup)	
(2) IEC Jumpers (Battery Backup)	
Video Streaming Server	
Intel® Xeon® Platinum 8360H Processor 3Ghz +, 24 Cores, 33Mb	

QPI,Turbo,HT,8C/16T (85W) Max Mem 3200 MHZ	
3.5" Chassis with up to 4 Cabled Hard Drives	
2400MT/s RDIMMs	
Intel Xeon Silver 4114 2.2G, 10C/20T, 9.6GT/s, 14M Cache, Turbo, HT	
(85W) DDR4-2400	
Chassis with up to 8 x 3.5" SAS/SATA Hard Drives for 2CPU	
Configuration	
2666MT/s RDIMMs	
32GB RDIMM 2666MT/s Dual Rank	
4TB 7.2K RPM NLSAS 12Gbps 512n 3.5in Hot-plug Hard Drive	
PERC H740P RAID Controller, LP Adapter	
NVIDIA® Tesla <sup>™</sup> T4 16GB Passive, Single Slot, Full Height GPU	
Broadcom 5720 Quad Port 1GbE BASE-T, NDC 16GB RDIMM,	
2400MT/s, Dual Rank, x8 Data Width	
4TB 7.2K RPM NLSAS 12Gbps 3.5in Cabled Hard Drive	
incl. Windows Server standard edition	
Facial Recognition Server	
Twelve Month (12) Data Plan Sim with Bill	
Upload and Download of data sim (at least 12Mb	
At least 13GB Open Access Data	
Bill Shock	
Twelve month (12) Internet: 50Mbps Dedicated Fiber Line	
Installation, Training and Documentation	
Installation, training and Documentations will be provided in all delivery,	
NAIA and in OTS Main Office.	

Note: Please see attached Terms of Reference for complete details.

I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post-qualification, the same shall give rise to automatic disqualification of our bid.

Name of Company

Signature Over Printed Name of Authorized Representative Date