



## Bid Notice Abstract

### Invitation to Bid (ITB)

**Reference Number** 8966518  
**Procuring Entity** CITY OF LAOAG, ILOCOS NORTE  
**Title** Supply and delivery 1 unit Digital X-Ray Machine for use of the Laoag City General Hospital  
**Area of Delivery** Ilocos Norte

<b>Solicitation Number:</b>	2022-117J	<b>Status</b>	<b>Active</b>
<b>Trade Agreement:</b>	Implementing Rules and Regulations	<b>Associated Components</b>	1
<b>Procurement Mode:</b>	Public Bidding	<b>Bid Supplements</b>	0
<b>Classification:</b>	Goods	<b>Document Request List</b>	20
<b>Category:</b>	Medical and Dental Equipment	<b>Date Published</b>	31/08/2022
<b>Approved Budget for the Contract:</b>	PHP 6,100,000.00	<b>Last Updated / Time</b>	31/08/2022 00:00 AM
<b>Delivery Period:</b>	60 Day/s	<b>Closing Date / Time</b>	21/09/2022 14:00 PM
<b>Client Agency:</b>			
<b>Contact Person:</b>	JOVYLYN P LUCAS BAC Secretariat Chairman Laoag City Hall Laoag City Ilocos Norte Philippines 2900 63-77-7720001 Ext.217 jovyplucas@gmail.com		

#### Description

Qty. Unit of Issue ITEM DESCRIPTION  
 1 unit DIGITAL X-RAY MACHINE, DIGITAL MOBILE UNIT  
 Driving Type: Motor Driven (Rear-wheel drive)  
 Maximum Driving Speed: Approx. 5 km/h  
 Maximum Speed of inch mover & Duration while Tube  
 Positioning: 50 mm/s (2 inch/s), max 10 seconds per trial  
 Maximum driving gradient: Approx. 10 degrees  
 Telescopic Tube Stand type or as per manufacturer's specifications  
 Focal Spot Vertical Movement: Max. 1,390 mm (600~1990mm focus from floor)  
 Focal Spot Transverse Movement: Max. 560mm  
 Column Rotation: Approx. ±325°  
 Tube Rotation by Tube Axis: -30 degrees ~ +90 degrees  
 Tube Rotation by Tube Arm Axis: ±180 degrees  
 Collimator Rotation: ±120 degrees or as per manufacturer's specifications  
 Collimator must have LED Light, Line Laser and Tape Measure  
 Remote Control: Ready-exposure or Collimator Lamp-laser  
 With dead-man type driving handle & exposure switch  
 With front safety bumper & brake  
 With spring loaded front wheel

With status LED indicators  
With automatic power saving mode  
Input Power Rating: 100-240VAC, 4-9 A. max, 50-60 Hz  
X-RAY SOURCE  
Output rating of at least 30 kW  
kV Range: 40 -125 kV, 1 kV step  
mA Range: 10 - 500 mA  
mAs Range: must be within 0.1 - 500 mAs  
Exposure Time: 0.001 - 10 seconds  
Focal Spot Size (Small / Large): 0.6 / 1.2mm  
Anode Heat Content: At least 140 kHU  
DIGITAL FLAT PANEL DETECTOR  
Active Pixel Area / Matrix: At least 14 x 17 inch  
Pixel Pitch: 140um to 150um  
Limiting Resolution: 3.3 lp/mm to 3.6 Ip/mm  
Must have Cesium Iodide Scintillator  
Energy range of 40 - 150 kVp  
A/D Conversion: 16-bits  
Interface: Ethernet / WIFI(802.11ac)  
Weight (including battery): Not more than 4kg  
IMAGING WORKSTATION  
With at least 17 inch High Resolution IR/LCD Touch Screen  
With display resolution of 1280 x 1024 pixels  
CPU must be Intel Core i3  
Memory must be at least 4GB  
Storage: Must have at least 120 GB Solid State Drive (SSD)  
for Operating system and at least 1 TB SATA Hard drive  
or External Drive for Data Storage  
Can store more than 20,000 images  
CD/DVD: 8X Max Slim-line DVD+/-RW With Wireless LAN  
Connectivity, CD/DVD Image Burning, and User Programmable  
APR OR With Wireless LAN Connectivity, USB port and  
user programmable  
user programmable  
IMAGING SOFTWARE  
Windows based graphic user interface  
Must have multi-image display and selection  
Must have multi worklist and multi study selection  
With auto display layout changing function  
Default anatomic program of more than 700  
Support DICOM Worklist SCU, DICOM Storage SCU  
and transfer function  
Must have the following post processing parameters  
\* Noise Reduction parameter (de-noise parameter): 10 level  
\* Global contrast Parameter: 10 level  
\* Detail contrast Parameter: 10 level  
\* Edge enhancement parameter: 5 level E  
\* Edge enhancement frequency parameter: 5 level  
\* Dynamic range compression parameter: 10 level  
With ROI: Default 8 ROI support  
Image functions: Horizontal flip, vertical flip, rotate clockwise,  
rotate counter clockwise, inverse (black or white)  
With ruler distance tool and angle measurement tool  
With tool for image zoom in and out  
With image pan and magnify  
With image crop/cut function  
With image recovery to recover original image  
With image bright/contrast control  
Must be DICOM 3.0 compatible  
OTHERS  
Must be supplied with radiation protection for personnel:  
2 units Lead gown, 1 unit thyroid shield, and  
1 set gonadal shield  
Terms of Reference  
1. Must have a track record and shall submit Certificate  
of Satisfactory Performance for the installation of Digital  
Mobile Xrays from at least three government sites within  
the past three (3) years. Certificate issued must be signed  
by the Authorized Officer of the Department or Section  
with contact number.  
2. Must have a track record and shall submit Certificate  
of Satisfactory Performance for the installation of Digital  
Stationary Xrays from at least three government sites  
within the past three (3) years. Certificate issued must be

signed by the Authorized Officer of the Department or Section with contact number.

**Line Items**

Item No.	Product/Service Name	Description	Quantity	UOM	Budget (PHP)
1	Digital X-Ray Machine	for use of the Laoag City General Hospital	1	Unit	6,100,000.00

**Pre-bid Conference**

Date	Time	Venue
07/09/2022	2:00:00 PM	CONFERENCE ROOM, LAOAG CITY HALL, ILOCOS NORTE

**Other Information**

Republic of the Philippines  
Province of Ilocos Norte  
BIDS AND AWARDS COMMITTEE  
CITY OF LAOAG

**INVITATION TO BID**

The LAOAG CITY, through the Government Appropriation Act – Consignment intends to apply the sum of Six Million One Hundred Pesos (Php.6,100,000.00) being the Approved Budget for the Contract (ABC) to payments under the Solicitation No. 2022-117J. Bids received in excess of the ABC shall be automatically rejected at bid opening. The LAOAG CITY now invites bids for the Supply and delivery 1 unit Digital X-Ray Machine for use at the Laoag City General Hospital.

A complete set of Bidding Documents may be purchased by interested Bidders on September 7 – September 21, 2022 from the address below and upon payment of a nonrefundable fee for the Bidding Documents in the amount of P10,000.00.

The LAOAG CITY will hold a Pre-Bid Conference on September 7, 2022 at City Conference Room, City Hall Annex, Laoag City, which shall be open only to all interested parties who have purchased the Bidding Documents.

Bids must be delivered to the address below on or September 21, 2022, 2:00PM. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITB. Bid opening shall be on September 21, 2022, 2:00 PM at City Conference Room, City Hall Annex, Laoag City. Bids will be opened in the presence of the Bidders' representatives who choose to attend at the address below. Late bids shall not be accepted.

The LAOAG CITY reserves the right to accept or reject any bid, to annul the bidding process, and to reject all bids at any time prior to contract award, without thereby incurring any liability to the affected bidder or bidders.

For further information, please refer to:

CONTACT PERSON:  
JOVYLYN P. LUCAS  
BAC Secretariat Chairman  
City Budget Office  
Brgy. 10 A.G. Tupaz St., Laoag City  
Tel. No. (077) 772-001; Local #: 217

APPROVED:

ATTY. ROXANNE LEE I. CASTRO  
City Administrator  
BAC Chairman

**Created by** JOVYLYN P LUCAS

**Date Created** 30/08/2022

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