

West Visayas State University

(Formerly Iloilo Normal School)

Bids and Awards Committee Secretariat Office/ Procurement Section
Luna St., La Paz, Iloilo City 5000

lloilo, Philippines

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PHI-18939-2-QM

SUPPLEMENTAL/BID BULLETIN

Project Reference No. IB No. 20-12-35

Name of the Project Procurement of Various Dental Equipment (Re-

bidding)

Location of the Project WVSU - Main Campus

ADDENDUM NO. 2020-18

December 16, 2020

This Addendum No. 2020-18 is issued to modify the Section I. Invitation to Bid, Section VI. Schedule of Requirements, Section VII. Technical Specifications, Price Schedule for Goods Offered from Within Philippines and Price Schedule for Goods Offered from Abroad. This shall form an integral part of the Bidding Documents.

I. Section VII. Technical Specifications:

Item No.	Description		Correction/ Mod	ification/ Instruction	
	Stationery Dental Unit with		Stationery Dental Unit with		
<i>1</i> .	Prosthodontics, with Heavy Duty		Prosthodontics, w	Prosthodontics, with Heavy Duty	
	Compressor		Compressor Qty/ Unit: 10 sets Brand: (pls. indicate brand) Model: (pls. specify model)		
	Qty/ Unit: 10 sets				
	Brand: (pls. indicate	brand)			
	Model: (pls. specify i	model)			
	Technical Specifications	:	Technical Specifications	:	
	Power Supply	220V with automatic voltage regulator	Power Supply	220V with automatic voltage regulator	
	Backrest movement range	Movable from 0 to 90 degrees	Backrest movement range	Movable from 0 to 90 degrees	
	Arm rest	Movable & adjustable	Arm rest	Movable & adjustable	
	2-hole handpiece adaptor for low speed 2-hole handpiece adaptor for high speed		2-hole handpiece adaptor for low speed		
			2-hole handpiece adaptor for high speed		
	Foot control Ma	ulti-function design	Foot control	Multi-function design	
	 2 Dental compressors: Silent type, oil-free compressor 5 Hp; 15 liters tank capacity and 3 pistons 220 V 		 2 Dental compressors: 5-7.5 Hp; at least 25 liters tank capacity and 3 pistons cylinders/unit 220 V With fitting for drainage 		
	Accessories:		Accessories:		
	 Dentist's stool small receptacle/tray adjustable arms flexible light holder Cuspidor with filter, drainage hose and attachment Receptacle Holder 		 Dentist's stool - standard with stainless steel frame small receptacle/tray adjustable arms flexible light holder Cuspidor with filter, drainage hose and attachment Receptacle Holder 		
	• Cup holder	• Cup holder			
	• Saliva ejector		• Saliva ejector		



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Item No.	Description		Correction	on/ Modification/ Instruction
	OTHER REQUIREMENTS:		OTHER REQU	IREMENTS:
	 Functional A stationary dental unit is rudimentary in design. It has a dental light to illuminate the oral cavity and a spittoon and cup holder for rinsing. A small tray with adjustable arm is attached where instruments are placed. It will be used for preclinical exercises. There should be foot control for handpieces. 		 Functional A stationary dental unit is rudimentary in design. It has a dental light to illuminate the oral cavity and a spittoon and cup holder for rinsing. A small tray with adjustable arm is attached where instruments are placed. It will be used for preclinical exercises. There should be foot control for handpieces. 	
	OTHER REQ	QUIREMENTS:	OTHER REQ	QUIREMENTS:
	Performance In Prosthodontics, mouth impressions on live patient are a competency exercise. Thus, a basic and simple dental unit is needed. When making complete denture as a pre-clinical requirement, several procedures require patient appointment that needs basic dental set up. Environmental Interface The unit must be placed near a wash basin or sink. The disadvantage of this unit is that disinfection and waste disposal is not properly implemented. Other Terms and Conditions: Delivery 90 days Warranty 3 years for parts & services Preventive maintenance- quarterly Free Training: Dentist: 1-2 days Tech 3 days Supplier should include in the submission a certificate of dealership or exclusivity from manufacturer or dealer local or abroad of the item/s offered.		Performance In Prosthodontics, mouth impressions on live patient are a competency exercise. Thus, a basic and simple dental unit is needed. When making complete denture as a pre-clinical requirement, several procedures require patient appointment that needs basic dental set up. Environmental Interface The unit must be placed near a wash basin or sink. The disadvantage of this unit is that disinfection and waste disposal is not properly implemented. Other Terms and Conditions: Delivery 90 days Warranty 3 years for parts & services Preventive maintenance- quarterly Free Training: Dentist: 1-2 days Tech 3 days Supplier should include in the submission a certificate of dealership or exclusivity from manufacturer or dealer local or abroad of the item/s offered.	
	Bidders should include/ submit brochures indicating brand and model offered.		Bidders should include/ submit brochures indicating brand and model offered.	
2.	Fully Motorized Dental Chair, with Full Accessories, with Heavy Duty Compressor		•	rized Dental Chair, with sories, with Heavy Duty r
	Qty/ Unit: 20 se	ts	Qty/ Unit: 20 sets Brand: (pls. indicate brand) Model: (pls. specify model)	
	Brand: (pls. i	indicate brand)		
	Model: (pls. s	specify model)		
	Technical Sp	ecifications:	Technical Specifications:	
	Power Supply	220V with automatic voltage regulator	Power Supply	220V with automatic voltage regulator
	Automatic movements	4 to 5 working positions	Automatic movements	4 to 5 working positions
	Headrest lock system	Bi-articulated	Headrest lock system	Bi-articulated-can be adjusted for adult & pediatric patients
	Armrest	with lateral movements	Armrest	with lateral or vertical movements
	Lighting	Sensor halogen wide illumination; light is sensor operated with high and low illumination	Lighting	Sensor halogen wide illumination; light is sensor operated with high and low illumination



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Item No.	Description	Correction/ Modification/ Instruction
	2-hole handpiece adaptor for low speed	2-hole handpiece adaptor for low speed
	2-hole handpiece adaptor for high speed	2-hole handpiece adaptor for high speed
	Foot controls with multi-function feature for hand pieces, light activation, & seat & backrest movement, & other dental chair functions	Foot controls with multi-function feature for hand pieces, light activation, & seat & backrest movement, & other dental chair functions
	CHAIR:	CHAIR:
	Ambidextrous serves both right and left handed	Preferably Ambidextrous serves both right and left handed operator
	Fully motorized chair power	Fully motorized chair power
	Gear type motor	Gear type motor
	Fixed foot switch type for the functions of dental chair	Fixed foot switch type for the functions of dental chair
	Chair with seamless upholstery and plastic cover	Chair with seamless upholstery and plastic cover
	Fixed armrest	Fixed armrest
	Articulated Armrest	Articulated Armrest
	DELIVERY UNIT/ TRAY:	DELIVERY UNIT/ TRAY:
	Hanging Type with pneumatic arm movement air break switch for up and down adjustment	Hanging Type with pneumatic arm movement air break switch for up and down adjustment
	1 Three-way Syringe Terminal	1 Three-way Syringe Terminal
	1 Low Speed Terminal (2 Holes)	1 Low Speed Terminal (2 Holes)
	1 High Speed Terminal (2 Holes)	1 High Speed Terminal (2 Holes)
	1 X-Ray Viewer	1 X-Ray Viewer
	1 Accessory Tray	1 Accessory Tray with full adjustable vertical & horizontal movements
	1 Clean Water System Bottle	1 Clean Water System Bottle
	WATER UNIT/ CUPSIDOR:	WATER UNIT/ CUSPIDOR:
	Porcelain Bowl Switch Type	Porcelain Bowl Switch Type
	Cup Filler Switch Type	Cup Filler Switch Type
	1 Saliva Ejector	1 Saliva Ejector
	1 Hivac Suction	1 Hivac Suction
	Sensor water for cuspidor & cupfiller	Sensor water control for cuspidor & cupfiller that can be controlled by the operator from the accessory tray
	DENTAL LIGHT:	DENTAL LIGHT:
	12V Halogen Type	12V Halogen Type
	Activation through Foot Control switch of the	High & low illumination that can be controlled from
	Dental Chair	the accessory tray
	STOOL:	STOOL: Standard stool upholstery with plastic cover;;
	Standard stool upholstery with plastic cover	stainless frame with rollers
	ACCESSORIES:	ACCESSORIES:
	Receptacle holder	Receptacle holder
	 Automatic activation of water flow to cuspidor & cup holder 	Automatic activation of water flow to cuspidor & cup holder
	220-mm diameter round ceramic or porcelain cuspidor with attachments to drainage	220-mm diameter round ceramic or porcelain cuspidor with attachments to drainage
	• 90 degrees movement of cuspidor	• 90 degrees movement of cuspidor



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Item		
No.	Description	Correction/ Modification/ Instruction
		Dental compressor:
	1 Dental compressor:	• 2 units 7.5 Hp with a tank capacity of at least
	 Silent type, oil-less compressor 	300 liters; 3 pistons cylinders/unit; 220 V
	• 15 Hp with a tank capacity of 360 liters	Or
	• 220 V	• 3 units 5 hp; at least 25 liters tank capacity and 3
	220 7	pistons cylinders/unit; 220 V
		With fitting for drainage
	OTHER REQUIREMENTS:	OTHER REQUIREMENTS:
	Design	Design
	Comes in different colors; it is robust and easy to	Comes in different colors; it is robust and easy to
	clean. It is ambidextrous with equal ease when used by a right or left-handed clinician or clinical	clean. It is ambidextrous with equal ease when used by a right or left-handed clinician or clinical
	instructor.	instructor.
	Functional	Functional
	• A motorized cushioned steel chair that will	• A motorized cushioned steel chair that will
	allow patients to sit comfortably and	allow patients to sit comfortably and
	clinicians to work efficiently during clinical	clinicians to work efficiently during clinical
	treatment.	treatment.
	• The automatic movements, and sensor	• The automatic movements, and sensor
	halogen lighting technology provides	halogen lighting technology provides greater
	greater durability and visibility.	durability and visibility.
	Performance Performance	Performance
	• The chair can carry up to 200kg patient weight,	• The chair can carry up to 200kg patient weight,
	seat him comfortably.	seat him comfortably.
	• All clinicians are trained to use the chair in	• All clinicians are trained to use the chair in
	different positions to optimize accessibility and	different positions to optimize accessibility and
	visibility of the working area (inside the mouth)	visibility of the working area (inside the mouth)
	while the patient is comfortably seated.	while the patient is comfortably seated.
	Environmental Interface	Environmental Interface
	• The chair is expected to be in full function	The chair is expected to be in full function
	with regular cleaning and oiling by a	with regular cleaning and oiling by a trained dental technician.
	trained dental technician.	
	• Its superior quality and function may be	Its superior quality and function may be affected by inappropriate use of a
	affected by inappropriate use of a	affected by inappropriate use of a
	disinfectant that can cause oxidation and alter its surface	disinfectant that can cause oxidation and alter its surface
	Other Terms and Conditions	· ·
	 Delivery 90 days 	Other Terms and Conditions
	• Warranty 3 years for parts & services	Delivery 90 days
	 Preventive maintenance- quarterly 	Warranty 3 years for parts & services
	• Free training:	Preventive maintenance- quarterly
	Dentist: 1-2 days	Free training:
	Technician: 3 days	Dentist: 1-2 days
	Supplier should include in the submission a	Technician: 3 days
	certificate of dealership or exclusivity from	Supplier should include in the submission a certificate
	manufacturer or dealer local or abroad of the	of dealership or exclusivity from manufacturer or
	item/s offered.	dealer local or abroad of the item/s offered.
	Others:	Others:
	Bidders should include/ submit brochures	Bidders should include/ submit brochures
	indicating brand and model offered.	indicating brand and model offered.



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Item	Description		Correction	/ Modification/ Instruction
No.	3. Dental X-Ray Machine, Periapical		3. Dental X-1	Ray Machine, Periapical
	Qty/ Unit: 1 unit		Qty/ Unit: 1 unit	
	Brand: (pls. indica	te brand)	Brand: (pls. indicate brand)	
	Model: (pls. specif	y model)	Model: (pls. specify model) Technical Specifications:	
	Technical Specific	•		
	Features:	Can be adjusted to short and long cone techniques	Features:	Preferably digital with soft touch-controlled panel & remote controlled power button Can be adjusted to short and long cone techniques
	Head angle (turning)	360 level turning angle of head	Head angle (turning)	360 level turning angle of head
	Head angle (rounding)	At least 270 rounding angle of head	Head angle (rounding)	At least 270 rounding angle of head
	Exposure time:	0.2 to 4 sec.	Exposure time:	0.2 to 4 sec.
	Mobile scissor	With 180 rotation, light	Mobile scissor	With 180 rotation, light &
	arm:	& precise movements	arm:	precise movements
	Arms:	Able to stand stable in the air, can spin & turn	Arms:	Able to stand stable in the air, can spin & turn
	Accessories:		Accessories:	
	 With patient's stool With developing box & lead apron With automatic voltage regulator (AVR) With high voltage generator: 70kV Pantograph Extensor Timer 		 With patient's stool, stainless steel frame With developing box & lead apron With automatic voltage regulator (AVR) With high voltage generator: 70kV Timer located at the control panel Life span of at least 6 years 	
	• Life span of at least 6 years OTHER REQUIREMENTS:		OTHER REQUIR	REMENTS:
	 Design The machine is so designed to produce images that will aid in evaluation of detailed tooth parts and supporting structures, in order to come up with an accurate diagnosis after clinical examination and history taking. Easy to manipulate and stored accordingly. Light material with high degree of insulation 		will aid in eva supporting stru accurate diagn history taking. • Easy to manipu • Light material	so designed to produce images that luation of detailed tooth parts and ctures, in order to come up with an osis after clinical examination and that and stored accordingly. With high degree of insulation
	 Functional The machine consists of the X-ray tube, which is made of the anode and cathode, the power supply and timer. It is used to produce and demonstrate detailed images of the tooth and supporting structures by using an x-ray film (of different sizes) that is developed and fixed. It teaches the student on the various bisecting and paralleling techniques and angulation in order to assess a particular area in the dentition and facial region 		made of the supply and tim It is used to pimages of the using an x-radeveloped and It teaches the and paralleling	produce and demonstrate detailed tooth and supporting structures by y film (of different sizes) that is fixed. student on the various bisecting ag techniques and angulation in s a particular area in the dentition



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Item No.	Description	Correction/ Modification/ Instruction
	 Performance The machine is primarily used by preclinical students in Roentology to as an introduction to the use of dental imaging in dentistry. It is used during initial evaluation in the following disciplines: Oral Surgery, Periodontology, Endodontics, Dental Implantology, Prosthodontics, Orthodontic-Pediatric). 	 Performance The machine is primarily used by preclinical students in Roentology to as an introduction to the use of dental imaging in dentistry. It is used during initial evaluation in the following disciplines: Oral Surgery, Periodontology, Endodontics, Dental Implantology, Prosthodontics, Orthodontic-Pediatric).
	 Environmental Interface The machine emits hazardous radiation thus, it is enclosed in a room lined with lead or with 4 inches thick of solid walls. Appropriate disinfectant is used to clean the machine. Dose specifications must be followed to prevent unnecessary exposure of the bone marrow, thyroid, gonad etc. Exposure and dose can be reduced by considering factors like patient selection, use of intraoral high-speed image film, intensifying screens and calibrating the focal spot-to-film distance, and use of leaded aprons and collars. The machine walls and door are routinely checked by a trained dental technician for leakage 	 Environmental Interface The machine emits hazardous radiation thus, it is enclosed in a room lined with lead or with 4 inches thick of solid walls. Appropriate disinfectant is used to clean the machine. Dose specifications must be followed to prevent unnecessary exposure of the bone marrow, thyroid, gonad etc. Exposure and dose can be reduced by considering factors like patient selection, use of intraoral high-speed image film, intensifying screens and calibrating the focal spot-to-film distance, and use of leaded aprons and collars. The machine walls and door are routinely checked by a trained dental technician for leakage
	Other Term and Conditions Delivery 90 days Warranty 3 years for parts & services Preventive maintenance- quarterly Free training: Dentist: 1-2 days Technician: 3 days Supplier should include in the submission a certificate of dealership or exclusivity from manufacturer or dealer local or abroad of the item/s offered.	Other Term and Conditions Delivery 90 days Warranty 3 years for parts & services Preventive maintenance- quarterly Free training: Dentist: 1-2 days Technician: 3 days Supplier should include in the submission a certificate of dealership or exclusivity from manufacturer or dealer local or abroad of the item/s offered.
	Others: Bidders should include/ submit brochures	Others: Bidders should include/ submit brochures
	indicating brand and model offered.	indicating brand and model offered.



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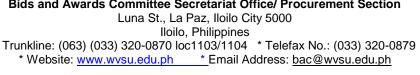
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Item No.	Description		Correct	ion/ Modification/ Instruction
4.	TMJ X-ray Machine		Digital Dental Panoramic- Cephalometric - TMJ X-ray Machine	
			Qty/ Unit: 1 unit	
	Brand: (pls. i	indicate brand)	Brand: (pls.	indicate brand)
	1			specify model)
	Technical Sp		Technical Specifications:	
	Power supply:	220 V Automatic voltage regulator included	Power supply:	220 V Automatic voltage regulator included
	Focal spot:	0.5 mm	Focal spot:	0.5 mm
	Gray scale:	14 bit	Gray scale:	14 bit
	Scan time:	average 10.1 to 13.5 seconds for Pano and 12.9 seconds for Cephalometric	Scan time:	average 10.1 to 13.5 seconds for Pano and 12.9 seconds for Cephalometric
	Sensor type:	CMOS	Sensor type:	CMOS
	Generator:	Voltage: 50-90 kVp / Current: 4-10 mA	Generator:	Voltage: 50-90 kVp / Current: 4-10 mA
	With at least 2 cephalometric	? built-in sensor for panoramic and	With at least 2 built-in sensor for panoramic and cephalometric	
	Inclusion:		Inclusion:	
	• PC with speci	fications to run both 2D softwares	PC with specifications to run both 2D softwares	
	• 22" LED Mon	nitor and Printer	• 22" LED Monitor and Printer	
	3,000 watts automatic voltage regulator with time delay		• 3,000 watts automatic voltage regulator with time delay	
	• One (1) piece	Lead Apron	• Two (2) pieces Lead Apron	
	• 40 pieces spec	cial photopapers	• 100 pieces s	pecial photopapers
		al acetate for CEPH tracing	• 100 pieces special acetate for CEPH tracing	
	• licensed software that Dentists can educate patients on why certain procedures are necessary and how these procedures will be done (e.g. Implants, Prosthodontics, Endodontics, etc.); free upgrades and no expirations		• licensed software that Dentists can educate patients on why certain procedures are necessary and how these procedures will be done (e.g. Implants, Prosthodontics, Endodontics, etc.); free upgrades and no expirations	
	• With free two	(2) new softwares for animation	• With free two (2) new softwares for animation	
	OTHER REQU	IREMENTS:	OTHER REQ	UIREMENTS:
	history taking and diagnosis It can be used consultation, and after treat Scans cepha orthodontic di Can perform radiograph or radiograph Performance It is a fully a modes that a	lometric and must be ideal for agnosis.	history takin and diagnos. It can be us consultation after treatme Scans cephadiagnosis. Can perforadiograph radiograph Performance It is a full modes that	alometric and must be ideal for orthodontic







PHI-18939-2-QM

Item No.	Description	Correction/ Modification/ Instruction
110.	Digital imaging:	Digital imaging:
	• panoramic,	• panoramic,
	• cephalometric	• cephalometric
	• TMJ	• TMJ
	• bitewing,	• bitewing,
	• orthogonal exposures/view	• orthogonal exposures/view
	• can take hand and palm radiograph	• can take hand and palm radiograph
	• Can take sinus radiograph both PA and lateral.	• Can take sinus radiograph both PA and lateral.
	Stored images can be viewed or manipulated	Stored images can be viewed or manipulated
	anywhere within the practice network.	anywhere within the practice network.
	Environmental Interface	Environmental Interface
	 The machine emits hazardous radiation thus, it is enclosed in a room lined with lead or with 4 inches thick of solid walls. Allows easy access for Pano/Ceph functions without dropping sensor having two dedicated sensors can also prolong the lifespan of the CMOS sensors. The machine should be in full function with regular maintenance and calibration by a trained x-ray technician. It may react or malfunction with incorrect wiring, accidents like fall and may break 	 The machine emits hazardous radiation thus, it is enclosed in a room lined with lead or with 4 inches thick of solid walls. Allows easy access for Pano/Ceph functions without dropping sensor having two dedicated sensors can also prolong the lifespan of the CMOS sensors. The machine should be in full function with regular maintenance and calibration by a trained x-ray technician. It may react or malfunction with incorrect wiring, accidents like fall and may break
	 Other Terms and Conditions Delivery 90 days Warranty 3 years for parts & services Preventive Free training on basic use, trouble shooting, & software manipulation Dentist: 1-2 days Technician: 3 days Supplier should include in the submission a certificate of dealership or exclusivity from manufacturer or dealer local or abroad of the item/s offered. 	 Other Terms and Conditions Delivery 90 days Warranty 3 years for parts & services Preventive Free training on basic use, trouble shooting, & software manipulation Dentist: 1-2 days Technician: 3 days Supplier should include in the submission a certificate of dealership or exclusivity from manufacturer or dealer local or abroad of the item/s offered.
	Others:	Others:
	Bidders should include/ submit brochures	Bidders should include/ submit brochures
	indicating brand and model offered.	indicating brand and model offered.
	Nothing Follows	Nothing Follows

II. Section I. Invitation to Bid, Section VI. Schedule of Requirements, Price Schedule for Goods Offered from Within Philippines and Price_Schedule for Goods Offered from Abroad

Item No.	Description	Correction/ Modification/ Instruction
4.	Digital Dental Panoramic-Celaphometric- TMJ X-ray Machine	Digital Dental Panoramic-Cephalometric- TMJ X-ray Machine
	Nothing Follows	Nothing Follows

Attachment: as stated.

For guidance and information of all concerned.

JULIUS B. UNDAR

Chairperson, Bids and Awards Committee