



West Visayas State University

(Formerly Iloilo Normal School)
Procurement Division
 Luna St., La Paz, Iloilo City 5000
 Iloilo, Philippines

* Trunkline: (063) (033) 320-0870 loc1103/1104 * Telefax No.: (033) 320-0879
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SUPPLEMENTAL/BID BULLETIN

Project Reference No.	IB No. 2024-02
Name of the Project	<u>Procurement of Medical, Dental and Laboratory Equipment</u>
Location of the Project	WVSU - Main Campus

ADDENDUM NO. 2023-44

November 29, 2023

This **Addendum No. 2023-44** is issued to modify the **Section I. Invitation to Bid, Section III. Bid Data Sheet and Section VII. Technical Specifications.** This shall form an integral part of the Bidding Documents.

I. Section VII. Technical Specifications:

Item No.	Description	Corrections/ Amendments/ Instructions
1.	PORTABLE DENTAL UNIT	PORTABLE DENTAL UNIT
	Please specify brand and model:	Please specify brand and model:
	Quantity/Unit: 2 units	Quantity/Unit: 2 units
	Unit Cost: Php50,000.00	Unit Cost: Php50,000.00
	<i>This is a portable compressor with a foot control and attachment/s utilized in community dental services (scaling and polishing, tooth filling, surgical procedure in the operating room, etc.) wherein highspeed and low-speed handpieces can be attached and run with an equivalent suction system, simulating a set up in the dental chair. Air pressure should be at least 30 psi. enough to cut tooth structures and cut and polish denture resin and metal.</i>	<i>This is a portable compressor with a foot control and attachment/s utilized in community dental services (scaling and polishing, tooth filling, surgical procedure in the operating room, etc.) wherein highspeed and low-speed handpieces can be attached and run with an equivalent suction system, simulating a set up in the dental chair. Air pressure should be at least 30 psi. enough to cut tooth structures and cut and polish denture resin and metal.</i>
	<i>Easy set-up</i>	<i>Easy set-up</i>
	<i>Just plug to an outlet & it's ready to use</i>	<i>Just plug to an outlet & it's ready to use</i>
	<i>Trolley or luggage Type</i>	<i>Trolley or luggage Type</i>
	<i>Has cover</i>	<i>Has cover</i>
	<i>Has wheels</i>	<i>Has wheels</i>
	<i>Retractable handle</i>	<i>Retractable handle</i>
	<i>Built-in Silent type Compressor</i>	<i>Built-in Silent type Compressor</i>
	<i>Pressure gauge</i>	<i>Pressure gauge</i>
	<i>Separate knobs for Adjustment of air & water pressure for handpiece connectors</i>	<i>Separate knobs for Adjustment of air & water pressure for handpiece connectors</i>
	<i>2x Highspeed handpiece connectors</i>	<i>2x Highspeed handpiece connectors</i>
	<i>1x Metal Air & Water Syringe</i>	<i>1x Metal Air & Water Syringe</i>
	<i>1x Saliva Ejector</i>	<i>1x Saliva Ejector</i>
	<i>1x Drain Bottle (bottle where the saliva from the ejector is drained into)</i>	<i>1x Drain Bottle (bottle where the saliva from the ejector is drained into)</i>
	<i>1x Water bottle (where the handpiece connectors and air & water syringe get their water from)</i>	<i>1x Water bottle (where the handpiece connectors and air & water syringe get their water from)</i>
		Warranty 3 years for parts & services
		Preventive maintenance- quarterly
		Free training:
		Dentist: 1-2 days
		Tech 3 days
		Supplier must submit a certification as an authorized or exclusive distributor



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Item No.	Description	Corrections/ Amendments/ Instructions
2.	PHANTOM HEAD	PHANTOM HEAD
	<i>Please specify brand and model:</i>	<i>Please specify brand and model:</i>
	Quantity/Unit: 4 units	Quantity/Unit: 4 units
	Unit Cost:Php110,000.00	Unit Cost:Php110,000.00
	<i>It is also called "Phantom/ Simulator Heads". It simulates the head and the oral cavity. Simulation is a vital part of learning skills and to develop dexterity in the preclinical level. It can accommodate a complete set of articulated typodont that simulates the teeth, gingiva, and the palate and used as an educational tool for dental students.</i>	Functional It is also called "Phantom/ Simulator Heads" It simulates the head and the oral cavity. Simulation is a vital part of learning skills and to develop dexterity.
	<i>The simulated model allows learners to develop eye and hand coordination, tactile sensation and dexterity. Familiarization of the chair, light and patient positioning and instrument handling is practiced in this simulator.</i>	Environmental Interface The use of artificial teeth/ dental models made of specialize plastic prevented dental students to use human teeth for their skills lab exercises which more often than not are obtained illegally and in unsanitary manner.
	<i>It is made of stainless steel, with silicone face, shaped like human head. Contains parts where artificial teeth / dental models are attached.</i>	Performance The simulated model allows learners to develop eye and hand coordination, tactile sensation and dexterity
	<i>With cheek cover to simulate a live patient used in the preclinical level.</i>	Design It is made of stainless steel, with silicone face, shaped like human head. Contains parts where artificial teeth / dental models are attached. With cheek cover to simulate a live patient used in the preclinical level. With base support Accessories: mannequin, comes with a foot control, 3 way syringe and portable overhead LED light.
	<i>With base support</i>	Warranty 3 years for parts & services
	<i>Accessories simulating a standardized dental chair and patient. (mannequin, tray, foot control, 3-way syringe and an operatory light).</i>	Preventive maintenance- quarterly
	<i>It comes with a dental stool. The foot control and handpiece attachment allow the use of dental drills to perform a procedure and a true operatory light to increase visibility.</i>	Free training:
	<i>Phantom Head Type 1 Advance Articulator with Chair Mount Unit</i>	Dentist: 1-2 days
	<i>Some levels of occlusal and jaw movement functions are possible. The amount of movement depends on the type of articulator attached.</i>	Tech 3 days
	<i>Allows you to adjust how big or how small the jaw opening is and fix it in place (as long as it is within the minimum & maximum limits of the articulator attached to the back of the jaw and the Type 1 advance articulator itself)</i>	Supplier must submit a certification as an authorized or exclusive distributor
	<i>Easy attachment of Jaw models with metal plate mounts using magnets.</i>	
	<i>Upper jaw can be detached easily using the Quick Release button.</i>	
	<i>Can be used with a unique Half mask and water waste pan combination. The half mask is a more economical option to the full mask because it is cheaper & less wasteful to replace when damaged.</i>	
	<i>Half mask is made of thick high-quality material.</i>	
	<i>Has ears.</i>	
	<i>Main components of Nissim Type 1 Advance Articulator are made of durable stainless steel.</i>	
	<i>Has 2 (two) independent lockable ball and joint systems, one at the base of the head and another at the base of the metal rod (torso rod). This offers more range of motion when adjusting the position of both the head and rod (torso rod).</i>	



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Item No.	Description	Corrections/ Amendments/ Instructions
	<p>j. Comes with Chair Mount Unit 2</p> <ul style="list-style-type: none"> Designed to be mounted on most dental chairs Easy and quick attachment of Head to the Chair Mount Unit <p>3 belts on the Chair Mount Unit securely fixes the Head to the dental chair</p>	
	Protective cushion sheet is included for dental chair protection	
	k. Head and Rod unit can easily be moved and mounted on other Nissin (Nissim) mounting units (such as the desk clamp, rail unit, etc)	
	l. Compatible with a wide range of Nissin Jaw Models (with metal plate mounts)	
	m. Must be used with a model with an FE or D type articulator and magnetic plate, but can be used in combination with an FE Adaptor to mount casts & other models without metal plates.	
3.	EDENTULOUS ARTICULATOR	EDENTULOUS ARTICULATOR
	Please specify brand and model:	Please specify brand and model:
	Quantity/Unit: 1 unit	Quantity/Unit: 1 unit
	Unit Cost:Php74,000.00	Unit Cost:Php74,000.00
	<i>This specialized articulator is utilized in Prosthodontics III or Complete Denture in the preclinical level to practice impression taking and other dental procedure.</i>	<i>This specialized articulator is utilized in Prosthodontics III or Complete Denture in the preclinical level to practice impression taking and other dental procedure.</i>
	<i>Clear and proper and accurate simulation of anatomical landmarks such as: palatal rugae, buccal, labial and lingual frenum, palatine fovea, maxillary tuberosity, retromolar pad, border of edentulous ridge, vestibule area, etc</i>	<i>Clear and proper and accurate simulation of anatomical landmarks such as: palatal rugae, buccal, labial and lingual frenum, palatine fovea, maxillary tuberosity, retromolar pad, border of edentulous ridge, vestibule area, etc</i>
	<i>Has a shelf life of at least 5 years</i>	<i>Has a shelf life of at least 5 years</i>
	<i>a. The Edentulous jaw model has a soft type of gingiva which is compatible with a wide variety of impression materials such as alginate and silicone.</i>	<i>a. The Edentulous jaw model has a soft type of gingiva which is compatible with a wide variety of impression materials such as alginate and silicone.</i>
	<i>b. The edentulous model duplicates the mucogingival junction allowing a more clinically accurate practice. Has a sort of "lip" or flap as well.</i>	<i>b. The edentulous model duplicates the mucogingival junction and frenae allowing a more clinically accurate practice. Has a sort of "lip" or flap as well.</i>
	<i>c. Applicable for a wide range of training methods such as:</i>	<i>c. Applicable for a wide range of training methods such as:</i>
	<i>d. preliminary impression, detailed impression, custom tray fabrication, bite plate fabrication, bite taking, artificial teeth arrangement, denture tooth setting.</i>	<i>preliminary impression, detailed impression, custom tray fabrication, bite plate fabrication, bite taking, artificial teeth arrangement, denture tooth setting.</i>
		Warranty 3 years for parts & services
		Preventive maintenance- quarterly
		Free training:
		Dentist: 1-2 days
		Tech 3 days
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Item No.	Description	Corrections/ Amendments/ Instructions
4.	CENTRIFUGAL CASTING MACHINE SET	CENTRIFUGAL CASTING MACHINE SET
	Please specify brand and model:	Please specify brand and model:
	Quantity/Unit: 1 set	Quantity/Unit: 1 set
	Unit Cost:Php150,000.00	Unit Cost:Php150,000.00
	<i>This centrifugal casting machine is indispensable for the production of high-quality oral restorations.</i>	<i>This centrifugal casting machine is indispensable for the production of high-quality oral restorations.</i>
	<i>Durable and reliable, a casting apparatus that easily handles most alloys with high melting points that are used by dentist.</i>	<i>Durable and reliable, a casting apparatus that easily handles most alloys with high melting points that are used by dentist.</i>
	<i>Cast denture frames, inlays, and crown bridges with ease.</i>	<i>Cast denture frames, inlays, and crown bridges with ease.</i>
	<i>The item features a heavy-duty spring and an adjustable balance mechanism and comes with 3 cradles and a pair of tongs.</i>	<i>The item features a heavy-duty spring and an adjustable balance mechanism and comes with 3 cradles and a pair of tongs.</i>
	<i>Indispensable for the production of high-quality oral restorations.</i>	<i>Indispensable for the production of high-quality oral restorations.</i>
	<i>Durable & Reliable</i>	<i>Durable & Reliable</i>
	<i>Easily handles most alloys with high melting points for casting frame, inlay, crown</i>	<i>Easily handles most alloys with high melting points for casting frame, inlay, crown</i>
	<i>Comes with 3 cradles and a pair of tongs.</i>	<i>Comes with 3 cradles and a pair of tongs.</i>
	<i>This item features a heavy-duty spring and an adjustable balance mechanism.</i>	<i>This item features a heavy-duty spring and an adjustable balance mechanism.</i>
		Warranty 3 years for parts & services
		Preventive maintenance- quarterly
		Free training:
		Dentist: 1-2 days
		Tech 3 days
		Supplier must submit a certification as an authorized or exclusive distributor
5.	SURGICAL SET	SURGICAL SET
	Please specify brand and model:	Please specify brand and model:
	Quantity/Unit: 1 set	Quantity/Unit: 1 set
	Unit Cost:Php160,000.00	Unit Cost:Php160,000.00
	<i>It is a set of instruments (26 items) used to extract teeth & perform other surgical procedures in the clinic. It is made of stainless steel, may have sharp edges and can be autoclaved without deterioration.</i>	<i>It is a set of instruments (26 items) used to extract teeth & perform other surgical procedures in the clinic. It is made of stainless steel, may have sharp edges and can be autoclaved without deterioration. The instruments come in different designs, thus have different functions intended to efficiently and carefully lift a tooth out of its socket. While other instruments are used for more complicated procedures that may require making a flap, removing bone and suturing the flap back to its normal position after the surgery. It is expected to stay sharp, and efficiently perform its function for many years.</i>
	<i>The instruments come in different designs, thus have different functions intended to efficiently and carefully lift a tooth out of its socket. While other instruments are used for more complicated procedures that may require making a flap, removing bone and suturing the flap back to its normal position after the surgery. It is expected to stay sharp, and efficiently perform its function for many years.</i>	<i>All items in the surgical set is debrided and cleansed with regular soap and tap water and required to be sterilized in the autoclave. Autoclaving may eventually dull the instruments; however, it comes with a sharpening stone to maintain its sharpness. It can tolerate strong disinfectants without becoming rusty. It is individually designed to perform its function accordingly. The forceps conforms to the anatomy of the teeth to be extracted (universal type).</i>



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Item No.	Description	Corrections/ Amendments/ Instructions
	All items in the surgical set is debrided and cleansed with regular soap and tap water and required to be sterilized in the autoclave. Autoclaving may eventually dull the instruments; however, it comes with a sharpening stone to maintain its sharpness. It can tolerate strong disinfectants without becoming rusty.	The elevators are designed to lift, luxate, loosen and retrieve a tooth from its location. The MPE is designed to deflect & retract a flap and the curette is designed to scoop out tissue. The root tip pick comes in different angles to retrieve fractured or broken root tip.
	It is individually designed to perform its function accordingly. The forceps conforms to the anatomy of the teeth to be extracted. The elevators are designed to lift , luxate, loosen and retrieve a tooth from its location. The MPE is designed to deflect & retract a flap and the curette is designed to scoop out tissue. The root tip pick comes in different angles to retrieve fractured or broken root tip. An anesthetic syringe to carry the local anesthesia and needle and suturing instruments used in complicated procedures.	An aspirating anesthetic syringe to carry the local anesthesia and needle and suturing instruments used in complicated procedures. Material: Stainless steel Rusting Prevention Procedure: Passivated Packing: Individually Packed
	Material: Stainless steel	<ul style="list-style-type: none"> • 7 extracting forceps
	Rusting Prevention Procedure: Passivated	<ul style="list-style-type: none"> • 7 dental elevators
	Ultrasonic Cleaned: Yes	<ul style="list-style-type: none"> • 1 set luxating elevators & sharpening stone
	Dull-Polished: Yes	<ul style="list-style-type: none"> • Scalpel handle
	Tests Performed: Boil Test, Performance Test, Shape Test	<ul style="list-style-type: none"> • Bone file
	Packing: Individually Packed	<ul style="list-style-type: none"> • Surgical curette
	Grade: High	<ul style="list-style-type: none"> • 1 set root tip pick
	Sterility: Non-Sterile	<ul style="list-style-type: none"> • Periosteal elevator
	QC Passed: Yes	<ul style="list-style-type: none"> • Suture scissors
		<ul style="list-style-type: none"> • Needle holder
		<ul style="list-style-type: none"> • Adson tissue forceps
		<ul style="list-style-type: none"> • Aspirating Dental syringe
		Warranty 3 years for parts & services
		Preventive maintenance- quarterly
		Free training:
		Dentist: 1-2 days
		Tech 3 days
		Supplier must submit a certification as an authorized or exclusive distributor
6.	INDUSTRIAL PRESSOR	INDUSTRIAL PRESSOR
	Please specify brand and model:	Please specify brand and model:
	Quantity/Unit: 1 unit	Quantity/Unit: 1 unit
	Unit Cost:Php60,000.00	Unit Cost:Php60,000.00
	An Electric Presser is a dental tool used for pressing and compacting dental materials into molds or forms. It is an essential tool in prosthodontics dental laboratory and The model is necessary press equipment for dental Technicians rooms:	An Electric Presser is a dental tool used for pressing and compacting dental materials into molds or forms. It is an essential tool in prosthodontics dental laboratory and The model is necessary press equipment for dental Technicians rooms:
	It is simple, economical and durable.	It is simple, economical and durable.
	Maximum Pressure: 2t	Maximum Pressure: 2t
	Lifting Height: 80mm	Lifting Height: 80mm
		Warranty 3 years for parts & services
		Preventive maintenance- quarterly
		Free training:
		Dentist: 1-2 days
		Tech 3 days
		Supplier must submit a certification as an authorized or exclusive distributor



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Item No.	Description	Corrections/ Amendments/ Instructions
7.	HEAVY DUTY WATER BATH	HEAVY DUTY WATER BATH
	<i>Please specify brand and model:</i>	<i>Please specify brand and model:</i>
	<i>Quantity/Unit: 1 unit</i>	<i>Quantity/Unit: 1 unit</i>
	<i>Unit Cost:Php86,000.00</i>	<i>Unit Cost:Php86,000.00</i>
	<i>Dental water baths are used to maintain a consistent water temperature so that wax and dental compound materials can be softened for molding among various other uses. Water temperatures range from 90°F to 160°F. The Water bath housing and pan are made of stainless steel for durability.</i>	<i>Dental water baths are used to maintain a consistent water temperature so that wax and dental compound materials can be softened for molding among various other uses. Water temperatures range from 90°F to 160°F. The Water bath housing and pan are made of stainless steel for durability.</i>
	<i>Capacity: 22 L</i>	<i>Capacity: 22 L</i>
	<i>Power requirements: AC 220 V 50 HZ</i>	<i>Power requirements: AC 220 V 50 HZ</i>
	<i>Power: 1000 W</i>	<i>Power: 1000 W</i>
	<i>Temperature Range: RT+5 - 80°C</i>	<i>Temperature Range: RT+5 - 80°C</i>
	<i>Temperature fluctuation: ±0.2°C</i>	<i>Temperature fluctuation: ±0.2°C</i>
		Warranty 3 years for parts & services
		Preventive maintenance- quarterly
		Free training:
		Dentist: 1-2 days
		Tech 3 days
		Supplier must submit a certification as an authorized or exclusive distributor
8.	HANAU ARTICULATOR	HANAU ARTICULATOR
	<i>Please specify brand and model:</i>	<i>Please specify brand and model:</i>
	<i>Quantity/Unit: 1 unit</i>	<i>Quantity/Unit: 1 unit</i>
	<i>Unit Cost:Php130,000.00</i>	<i>Unit Cost:Php130,000.00</i>
	<i>An articulator is a mechanical hinged device used in dentistry to which plaster casts of the maxillary (upper) and mandibular (lower) jaw are fixed, reproducing some or all the movements of the mandible in relation to the maxilla.</i>	<i>An articulator is a mechanical hinged device used in dentistry to which plaster casts of the maxillary (upper) and mandibular (lower) jaw are fixed, reproducing some or all the movements of the mandible in relation to the maxilla.</i>
	<i>An articulator assists in the accurate fabrication of the biting surfaces of dentures, dental restorations and orthodontic appliances. A Hanau articulator is a semi adjustable type which simulates vertical and horizontal movement of the jaws.</i>	<i>An articulator assists in the accurate fabrication of the biting surfaces of dentures, dental restorations and orthodontic appliances. A Hanau articulator is a semi adjustable type which simulates vertical and horizontal movement of the jaws.</i>
	<i>When used with skill it ensures correct interdigitation of the teeth and an anatomically functional biting plane. This prevents conflicts between among the teeth, muscles and the jaw joints.</i>	<i>When used with skill it ensures correct interdigitation of the teeth and an anatomically functional biting plane. This prevents conflicts between among the teeth, muscles and the jaw joints.</i>
	<i>Lingual access is unobstructed. You'll appreciate its enhanced view when positioning tooth-to-tooth contacts on models and final prostheses.</i>	<i>Lingual access is unobstructed. You'll appreciate its enhanced view when positioning tooth-to-tooth contacts on models and final prostheses.</i>
	<i>Closed tracking fossa and fixed upper member are ideal for fabricating prosthetic appliances.</i>	<i>Closed tracking fossa and fixed upper member are ideal for fabricating prosthetic appliances.</i>
		The settings of the articulator include the lateral or Bennett Progressive Side Shift, Bennett Immediate Side Shift, and Condylar Inclination.
	<i>Progressive side shift: 0-30°</i>	<i>Progressive side shift: 0-30°</i>
	<i>Protrusive angle: -20-+60°</i>	<i>Protrusive angle: -20-+60°</i>
		Warranty 3 years for parts & services
		Preventive maintenance- quarterly
		Free training:
		Dentist: 1-2 days
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Item No.	Description	Corrections/ Amendments/ Instructions
9.	PRE-CLINICAL EDUCATOR SIMULATOR	PRE-CLINICAL EDUCATOR SIMULATOR
	<i>Please specify brand and model:</i>	<i>Please specify brand and model:</i>
	Quantity/Unit: 6 units	Quantity/Unit: 6 units
	Unit Cost:Php150,000.00	Unit Cost:Php150,000.00
	Simulation is a vital part of learning in Restorative Dentistry, Fixed Partial Prosthodontics and Endodontics. This is used as an auxiliary pre-clinical simulator to develop dexterity and skills.	<p>Functional It simulates the head and the oral cavity.-Simulation is a vital part of learning in Restorative Dentistry, Fixed Partial Prosthodontics and Endodontics. This is used as an auxiliary pre-clinical simulator to develop dexterity and skills. The simulated model allows learners to develop eye and hand coordination, tactile sensation and dexterity. Familiarization of the chair, light and patient positioning and instrument handling is practiced in this simulator. It is made of stainless steel, with silicone face, shaped like human head. Contains parts where artificial teeth / dental models are attached. With cheek cover to simulate a live patient used in the preclinical level. With base support Accessories simulating a standardized dental chair and patient. (mannequin, tray, foot control, 3-way syringe and an operator light). It comes with a dental stool. The foot control and handpiece attachment allow the use of dental drills to perform a procedure and a true operator light to increase visibility.</p>
		<p>Performance It is used in conjunction with dental training mannequin, to improve fine motor skills, hand-eye coordination in pre-clinical setting. This is a machine with attachment for low- speed handpiece, which is used to for cavity preparation, tooth reduction and access cavity.</p>
		<p>Environmental Interface This is a machine ran by electricity. Sodium hypochlorite disinfectants maybe used for sanitation. Vacuum cleaner is advised to use in working area due to the presence of plastic dust produce during grinding of dental models. Needs lubrication for maintenance.</p>
		<p>Design It is tabular in design with attachments for high-speed handpiece and phantom heads. Other parts attached with the unit is a bracket table, dental light (LED) and auxiliary chair/ stool. Has an attachment for high speed and low speed handpieces. Compatible with a wide range of Jaw Models (with metal plate mounts) Must be used with a model with an FE or D type articulator and magnetic plate, but can be used in combination with an FE Adaptor to mount casts & other models without metal plates. Some levels of occlusal and jaw movement functions is possible. Head and Rod unit can easily be moved and mounted on other mounting units (such as the desk clamp, rail unit, etc) Compatible with a wide range of Nissin Jaw Models (with metal plate mounts) Must be used with a model with an FE or D type articulator and magnetic plate, but can be used in combination with an FE Adaptor to mount casts & other models without metal plates. Easy attachment of Jaw models with metal plate mounts using magnets. Upper jaw can be detached easily using the Quick Release button. Can be used with a unique Half mask and water waste pan combination. Half mask is made of thick high-quality material. Has ears.</p>
		Warranty 3 years for parts & services
		Preventive maintenance- quarterly
		Free training:
		Dentist: 1-2 days
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Item No.	Description	Corrections/ Amendments/ Instructions
10.	DENTAL CHAIRS COMPLETE ACCESSORIES	DENTAL CHAIRS COMPLETE ACCESSORIES
	<i>Please specify brand and model:</i>	<i>Please specify brand and model:</i>
	Quantity/Unit: 20 units	Quantity/Unit: 20 units
	Unit Cost:Php600,000.00	Unit Cost:Php600,000.00
	<i>EASY-FIX SYSTEM: The dentist's and patient's feet supports are both removable, providing easier cleaning. The Easy-fix System also allows the removal of both back and head rest.</i>	WITH DENTAL COMPRESSOR WITH TRANSFORMER FOR 20 CHAIRS
	<i>TRENDELENBURG POSITION: S 500 chair is equipped with synchronized movement of seat and back.</i>	A motorized cushioned steel chair that will allow patients to sit comfortably and clinicians to work efficiently during clinical treatment.
	<i>AUTOMATIC ARM CHAIR: When "return to zero" position is activated, the arm chair goes automatically down, meaning freedom of movement to the patient and to the Dentistry professional</i>	The automatic movements, and sensor halogen lighting technology provides greater durability and visibility.
	<i>HEAD REST: Bi-articulable, removable, anatomical with anterior, posterior, longitudinal and height movements. Easy to use. Provides comfort for patients, with direct visualization of the quadrants of the mouth. Allows treatment of hand capped patients, dental-pediatrics and others.</i>	The chair can carry up to 200kg patient weight, seat him comfortably.
	<i>SAFETY ANTICRUSHING SYSTEM: With safety system that interrupts chair base movement when finding any obstacle</i>	All clinicians are trained to use the chair in different positions to optimize accessibility and visibility of the working area (inside the mouth) while the patient is comfortably seated.
	<i>INTEGRATED FOOT CONTROL : S 500 features an embedded command foot lever, based on the "joystick" model; thinking of the professionals' usability, the chair movement commands are simply and intuitively operated.</i>	Regular maintenance of chair parts by a trained dental technician is important.
	<i>MOVEMENTS LOCK SYSTEM: Locking system of functions and movements of the chair, which allows total safety when performing procedures.</i>	The chair is expected to be in full function with regular cleaning and oiling by a trained dental technician. Its superior quality and function may be affected by inappropriate use of a disinfectant that can cause oxidation and alter its surface It 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 instructor.
	<i>CHIP BLOWER FOOT CONTROL: System to activate the air and water functions of handpieces</i>	Ergonomic design increase efficiency EASY-FIX SYSTEM: The dentist's and patient's feet support are both removable, providing easier cleaning. The Easy-fix System also allows the removal of both back and head rest.
	<ul style="list-style-type: none"> • DELIVERY UNIT <ul style="list-style-type: none"> - Delivery unit with pneumatic arm - AMBIDEXTROUS CAPABLE • - Flexible, removable and autoclavable hand piece support, protecting them from impact <ul style="list-style-type: none"> - PAD control with a LED negatoscope - Pneumatic lock activation - Allows up to 5 working terminals (ST + terminals). - Support tray <p>Available in the pneumatic FLEX and upper hoses model</p>	TRENDELENBURG POSITION: equipped with synchronized movement of seat and back.



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Item No.	Description	Corrections/ Amendments/ Instructions
	<ul style="list-style-type: none"> • WATER UNIT • Water unit for odontological use, for auxiliary work such as water supply for waste collection and spitting and sucking activation; ambidextrous (for right- and left-handed). • Attached to the chair, with electronic control panel which activates the following functions: Water in the bowl, water in the cup holder and water heating of the triple syringe (optional). <ul style="list-style-type: none"> ○ Set structure built with steel body covered with high impact polystyrene, high brightness fl at paint-epoxy based polymerized in a heater at 250°C with phosphatized treatment, corrosion and • cleaning materials resistant. Round bowl's cuspidor, with 253 mm diameter, removable, providing a perfect disinfection. <p>Upper part of the unit with suitable location for the best spitting position, 180° foldable bowl providing total patient comfort.</p>	<ul style="list-style-type: none"> • AUTOMATIC ARM CHAIR: When "return to zero" position is activated, the arm chair goes automatically down, meaning freedom of movement to the patient and to the Dentistry professional • HEAD REST: Bi-articulable, removable, anatomical with anterior, posterior, longitudinal and height movements. Easy to use. Provides comfort for patients, with direct visualization of the quadrants of the mouth. Allows treatment of handicapped patients, dental-pediatrics and others.
	<ul style="list-style-type: none"> • Hoses are smooth, rounded, soft and flexible, without grooves or striations. Sucking hoses with quick coupler which easily connect and disconnect without the need for tools. • Water flux regulating system allowing fine-tuning in the bowl and the cup holder water flux. • Double system for water supply (network/reservoir) optional. • Master valve (key for water cut) optional. • Tips support, with wide horizontal movement providing greater ergonomics. Automatic selection of tips through sensitive pneumatic valves, allowing lightness in its trigger. Frontal catcher of easy access, facilitating the movement of the articulated arm (available in the models of units with reach arm). 	<ul style="list-style-type: none"> • SAFETY ANTICRUSHING SYSTEM: With safety system that interrupts chair base movement when finding any obstacle • INTEGRATED FOOT CONTROLS: features an embedded command foot lever, based on the "joystick" model; thinking of the professionals' usability, the chair movement commands are simply and intuitively operated. • MOVEMENTS LOCK SYSTEM: Locking system of functions and movements of the chair, which allows total safety when performing procedures. • CHIP BLOWER FOOT CONTROL: System to activate the air and water functions of handpieces
	<ul style="list-style-type: none"> • Programmable timer for water triggering in the cup holder and in the spitting bowl by a time interval set by the professional, providing bigger water savings at the office. • Drain for solids retention, triple syringe (optional), swivel nozzle, removable and autoclavable syringe. • Suctors with automatic triggering, easy to use, that provide an excellent operational performance, allow professionals a better visualization of the surgical field and reduce the risk of contamination by aerosol and greater patient comfort. 	<p>Delivery Unit:</p> <ul style="list-style-type: none"> • Delivery unit with pneumatic arm <ul style="list-style-type: none"> ○ AMBIDEXTROUS CAPABLE - Flexible, removable and autoclavable hand piece support, protecting them from impact ○ PAD control with a LED negatoscope ○ Pneumatic lock activation ○ Allows up to 5 working terminal positions (ST + terminals). ○ Support tray ○ Available in the pneumatic FLEX and upper hoses model



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Item No.	Description	Corrections/ Amendments/ Instructions
	<ul style="list-style-type: none"> • <i>High power suctor with low voltage individual electric triggering provides lightness and precision during triggering (optional).</i> • <i>Translucent water reservoirs (for syringe and spray tips) and chlorinated water (for Bio-System).</i> • <i>Bio-System: disinfection system, which provides the internal hose and terminals cleaning through liquid bactericide, preventing risk of cross contamination.</i> 	<p>WATER UNIT Water unit for odontological use, for auxiliary work such as water supply for waste collection and spitting and sucking activation; ambidextrous (for right- and left-handed). Attached to the chair, with electronic control panel which activates the following functions: Water in the bowl, water in the cup holder and water heating of the triple syringe (optional). Set structure built with steel body covered with high impact polystyrene, high brightness flat paint-epoxy based polymerized in a heater at 250°C with phosphatized treatment, corrosion and cleaning materials resistant. Round bowl’s cuspidor, with 253 mm diameter, removable, providing a perfect disinfection.</p>
	<ul style="list-style-type: none"> • DENTAL LIGHT • LED LIGHTING TECHNOLOGY: Provides greater durability of the light source - over of 50,000h - lasts about 1,000 times longer than the conventional halogen lamps. • ORBITAL MOVEMENT: Allows different lighting angles in the operative field 5 LEDs - with lighting intensity at 35, 25 and 15 000 and orange led 5thousand lux Lux. (3X2 LEDS) <i>NEW DESIGN: Robust and easy to clean.</i> <i>RECTANGULAR LIGHT BEAM: Ideal size with wide illumination of the operative field. Minimizes the need for constant repositioning of light beam.</i> <i>SENSOR LIGHT: Touchless adjustment of light intensity and on/off switch.</i> REMOVABLE AND AUTOCLAVABLE HOLDERS: <i>Ergonomic design and easy removal</i> FRONT PROTECTION COVER: Removable, it is made of a durable and transparent material. • POSITIONING OF HOLDERS: System that allows multiple positions of the holders • <i>With intra-oral camera</i> • <i>With high speed hand - piece</i> 	<p>Porcelain bowl. Upper part of the unit with suitable location for the best spitting position, 180° foldable bowl providing total patient comfort.</p> <p>Hoses are smooth, rounded, soft and flexible, without grooves or striations. Sucking hoses with quick coupler which easily connect and disconnect without the need for tools.</p> <p>Water flux regulating system allowing fine-tuning in the bowl and the cup holder water flux.</p> <p>Double system for water supply (network/reservoir).</p> <p>Tips support, with wide horizontal movement providing greater ergonomics. Automatic selection of tips through sensitive pneumatic valves, allowing lightness in its trigger. Easy access of part facilitating the movement of the articulated arm (available in the models of units with reach arm).</p> <p>Programmable timer for water flow in the cup holder and in the spitting bowl by a time interval set by the operator, providing bigger water savings at the office.</p> <p>Drain/filter for solids retention, triple syringe, swivel nozzle, removable and autoclavable syringe.</p> <p>Suction with automatic triggering, easy to use, that provide an excellent operational performance, allow operator a better visualization of the surgical field and reduce the risk of contamination by aerosol and greater patient comfort.</p> <p>High power suction with low voltage individual electric triggering provides lightness and precision during triggering.</p> <p>Translucent water reservoirs (for syringe and spray tips) and chlorinated water (for Bio-System).</p> <p>Bio-System: disinfection system, which provides the internal hose and terminals cleaning through liquid bactericide, preventing risk of cross contamination.</p>



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Item No.	Description	Corrections/ Amendments/ Instructions
	•	<p>DENTAL LIGHT</p> <p>LED LIGHTING TECHNOLOGY: Provides greater durability of the light source - over of 50.000h - lasts about 1,000 times longer than the conventional halogen lamps.</p> <p>ORBITAL MOVEMENT: Allows different lighting angles in the operative field</p> <p>5 LEDs - with lighting intensity at 35, 25 and 15 000 and orange led 5thousand lux Lux. (3X2 LEDS)</p>
	•	<p>NEW DESIGN: Robust and easy to clean.</p> <p>RECTANGULAR LIGHT BEAM: Ideal size with wide illumination of the operative field. Minimizes the need for constant repositioning of light beam.</p> <p>SENSOR LIGHT: Touchless adjustment of light intensity and on/off switch.</p> <p>REMOVABLE AND AUTOCLAVABLE HOLDERS: Ergonomic design and easy removal</p> <p>FRONT PROTECTION COVER: Removable, it is made of a durable and transparent material.</p>
	•	<p>POSITIONING OF HOLDERS: System that allows multiple positions of the holders With x-ray viewer With intra-oral camera</p> <p>With high-speed, low-speed handpiece and scaler</p> <p>With AVR (automatic voltage regulator)</p>
	•	<i>Warranty 3 years for parts & services</i>
	•	<i>Preventive maintenance- quarterly</i>
	•	<i>Free training:</i>
	•	<i>Dentist: 1-2 days</i>
	•	<i>Tech 3 days</i>
	•	<i>Supplier must submit a certification as an authorized or exclusive distributor</i>



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Item No.	Description	Corrections/ Amendments/ Instructions
11.	PERIAPICAL DIGITAL MANUAL	PERIAPICAL DIGITAL MANUAL
	<i>Please specify brand and model:</i>	<i>Please specify brand and model:</i>
	<i>Quantity/Unit: 1 unit</i>	<i>Quantity/Unit: 1 unit</i>
	<i>Unit Cost:Php150,000.00</i>	<i>Unit Cost:Php150,000.00</i>
	<ul style="list-style-type: none"> • Complete Set 	The machine consists of the X-ray tube, which is made of the anode and cathode, the power supply and timer.
	Warranty: 1 year for all equipment	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.
		The machine is primarily used by preclinical students in Roentology to as an introduction to the use of dental imaging in dentistry. It is a machine required in majority of clinical cases performed in the six (6) clinical departments. It is used during initial evaluation in the following disciplines: Oral Surgery, Periodontology, Endodontics, Dental Implantology, Prosthodontics, Orthodontic-Pediatric.).
		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
		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.
		<ul style="list-style-type: none"> • can be adjusted to short and long cone techniques • 360 level turning angle of head • at least 270 rounding angle of head • 0.2 to 4 sec exposure time • Mobile scissor arm with 180 rotation, • Light & precise movements • Arms able to stand stable in the air, can spin & turn • Light material with high degree of insulation • With patient's stool • With developing box & lead apron • With automatic voltage regulator (AVR) • With high voltage generator • Life span of at least 6 years



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Item No.	Description	Corrections/ Amendments/ Instructions
		<i>Warranty 3 years for parts & services</i>
		<i>Preventive maintenance- quarterly</i>
		<i>Free training:</i>
		<i>Dentist: 1-2 days</i>
		<i>Tech 3 days</i>
		<i>Supplier must submit a certification as an authorized or exclusive distributor</i>
	----Nothing Follows----	----Nothing Follows----

II. Section I. Invitation to Bid:

Item No.	Description	Corrections/ Amendments/ Instructions
2.	The <u>West Visayas State University</u> now invites bids for the above Procurement Project. Delivery of the Goods is required by <u>60 calendar days</u> . Bidders should have completed, within <u>2 years</u> from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).	The <u>West Visayas State University</u> now invites bids for the above Procurement Project. Delivery of the Goods is required by <u>90 calendar days</u> . Bidders should have completed, within <u>5 years</u> from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).

III. Section III. Bid Data Sheet:

ITB Clause	Description	Corrections/ Amendments/ Instructions
5.3	For this purpose, contracts similar to the Project shall be: a. <u>Procurement of Medical, Dental and Laboratory Equipment or equivalent thereof.</u> b. Completed within <u>2 years</u> prior to the deadline for the submission and receipt of bids.	For this purpose, contracts similar to the Project shall be: c. <u>Procurement of Medical, Dental and Laboratory Equipment or equivalent thereof.</u> d. Completed within <u>5 years</u> prior to the deadline for the submission and receipt of bids.

For guidance and information of all concerned.

JULIUS B. UNДАР
 Chairperson, Bids and Awards Committee