



Wood County Health Department
Community Health Center

**Request for Qualifications (RFQ)
Architectural & Engineering Services**

for

**Feasibility Assessment and Budget Estimate
for a School-Based Health Center**

1. Invitation

Wood County Community Health Center (WCCHC) is soliciting Statements of Qualifications from qualified firms interested in providing Architectural and Engineering (A/E) Services relating to a feasibility assessment and estimated budget to renovate space for a proposed School-Based Health Center. Firms with relevant experience and qualifications are encouraged to submit. The purpose of the RFQ process is to identify the most qualified respondents. WCCHC reserves the right to make the selection based solely on the qualifications submitted without conducting a formal interview process.

This RFQ can be obtained online at www.woodcountyhealth.org or by contacting Lindsey Ruivivar at HealthCenter@woodcountyohio.gov or by calling (419) 728-9968.

An RFQ pre-submittal conference will not be held. Respondents interested in scheduling a site visit to the project location may do so through Lindsey Ruivivar (email: HealthCenter@woodcountyohio.gov) for a mutually agreeable time and date.

2. Responses

Responses to this RFQ shall be submitted in such form and at the location as is provided in this document. Responses must be submitted no later than April 9, 2025 before 5:00PM. No Statement of Qualifications or questions will be accepted beyond the times listed.

No oral interpretations shall be made to any respondent. Requests for an interpretation shall be made in writing to HealthCenter@woodcountyohio.gov and must be received at least seven days prior to the date set for opening of submissions.



3. Project Definition

A. Project Description

WCCHC, in collaboration with Northwood Local Schools, has determined the need to expand access to primary care services. Northwood Local Schools has identified 3,135 square feet of space for the project within the school district administration building at 700 Lemoyne Road, Northwood, Ohio 43619. The RFQ project consists of assessing feasibility for proposed services (outlined below), including: space capacity; security and access control; fire safety; ADA accessibility; electrical, data, water, HVAC and plumbing needs and availability; engineering requirements; and, any applicable code requirements. WCCHC also requires estimated renovation costs to provide the proposed services in the identified space.

Proposed services to be operated in the space include:

- Medical: 2-3 exam rooms, plus 1 lab and 1 nursing station, to provide an estimated 12-14 medical patient visits per day.
- Behavioral Health: 1 room to provide an estimated 6 behavioral health patient visits per day.
- Dental: 5 operatories, plus 1 sterilization room and 1 lab/mechanical room with storage, and pano x-ray machine to provide an estimated 16 dental patient visits per day.

The site is anticipated to operate Monday through Friday and to be staffed with 10 FTE on-site employees. In addition to the above bulleted space requirements, the site will require at least 2 bathrooms, 2 offices, and 1 waiting room with secured access to clinical space. Additionally, a secured doorway will need to be added in the interior building hallway separating access between the health center and the rest of the administration building.

Staff access to the health center is anticipated through the existing west exterior door and public/patient access is anticipated through the existing south exterior door.

See Attachment A – Site plan and drawings.

See Attachment B – Dental equipment specifications.



B. Project Schedule

The schedule is as follows:

Issuance of RFQ – March 26, 2025

Receipt of A/E Consultant Responses – April 9, 2025

Selection of firms for presentations and interviews, if required – April 11, 2025

Selection of A/E Consultant – April 18, 2025

Project feasibility assessment and budget estimate from A/E Consultant – June 6, 2025

4. Architect/Engineer Scope of Services

Upon completion of the selection process, the A/E Scope of Services will be more fully described and negotiated when an A/E team is selected. The refined Scope of Services, together with the A/E fee, will be included in the final executed agreement.

The Architect/Engineer shall provide traditional basic architectural and engineering feasibility and relevant cost projection services taking into account civil, structural, mechanical, plumbing, fire protection and electrical engineering services, and other authorized special services (eg, interior design and landscape design) appropriate to the project. Services will include scope documents for renovation of the proposed space which will help the owner determine if the space can effectively and efficiently support the proposed services, as outlined under section 3A.

5. Selection Process

From a review of the statements of qualifications received, WCCHC intends to evaluate the proposals and possibly invite one or more firms to be interviewed before making a final selection of a firm for the project. WCCHC will notify selected firms of the date and time of any interview. WCCHC reserves the right to select a firm based solely on statements of qualifications received.

The respondent whose selection was based on qualifications will then negotiate with WCCHC on fee and contract conditions. If a reasonable fee cannot be achieved with the respondent of choice, negotiations will proceed with other qualified respondents until a mutually agreed contract can be negotiated.



6. Submittal Requirements

A. Submittal Documents – Format

Submittals, including attachments, must be submitted electronically in pdf format, with “Northwood RFQ” as the subject line, to: HealthCenter@woodcountyohio.gov.

Submittals must be received at or before 5:00PM local time on Wednesday, April 9, 2025.

Late submittals will not be accepted.

B. Submittal Content

Each submittal shall be organized in the below manner and each document should be labeled in the file name and include the respondent’s name (ex: Cover Letter_ABC Company.pdf, Firm Description_ABC Company.pdf, Summary of Relevant Projects_ABC Company.pdf).

Document 1: Cover Letter - No more than two pages

- Summarize why the respondent believes itself to be the most qualified;
- Contain the statement that, to the best of the respondent’s abilities, all information contained in the RFQ submittal is complete and accurate;
- Contain a statement granting WCCHC and its representatives’ authorization to contact any previous client of the respondent for purposes of ascertaining an independent evaluation of the respondent’s performance; and
- Be signed by an officer of the principal responding firm.

Document 2: Firm Description – Include a narrative description of the respondent’s firm.

Information should include:

- The respondent’s area(s) of architectural specialization;
- Firm history;
- Location of home and branch offices;
- Prior design experience with projects of similar scale and scope;
- Prior experience working with schools and/or public entities;
- Professional qualifications and relevant experience of the individual(s) who would be assigned to the project; and



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- Brief description of what makes your firm different from the other firms pursuing the project.

Document 3: Summary of Relevant Projects – Provide a summary of no more than 5 relevant projects where the respondent’s firm was the Architect/Engineer. A relevant project is one which best exemplifies your qualifications for this project. Include the following:

- Name of project;
- Type of building;
- Projection location;
- Total project cost;
- Project description;
- Describe the services your firm provided;
- Provide a statement acknowledging if the project was completed on-time and on-budget (if the project is complete at the time of submission);
- Provide illustrative photographs or renderings, if available;
- Provide a name and phone number of a representative who can be contacted for a reference.

C. Modifications and Withdrawal

Respondents may modify their submissions by submitting a new submission at any time prior to the scheduled closing time for receipt of qualifications. The revised submission must state it supersedes and replaced the previous statement of interest. Submissions may be withdrawn by written request if received from the respondent prior to the scheduled closing time for receipt of qualifications.

7. Reservation of Rights

WCCHC reserves the right to reject all firms, decline to proceed with selection of any candidates, to request additional qualifications, and to make inquiries as may be necessary to verify qualifications.

Nothing in this document shall require WCCHC to proceed with design and/or construction services.

WCCHC reserves the sole right to 1. Evaluate the qualifications submitted; 2. Waive any irregularities therein; 3. Reject any or all respondents submitting qualifications, should it



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be deemed in WCCHC's best interest to do so; 4. To make selection based solely on qualifications without an interview process; 5. To negotiate a contract with the firm it believes can best meet the needs of the program.

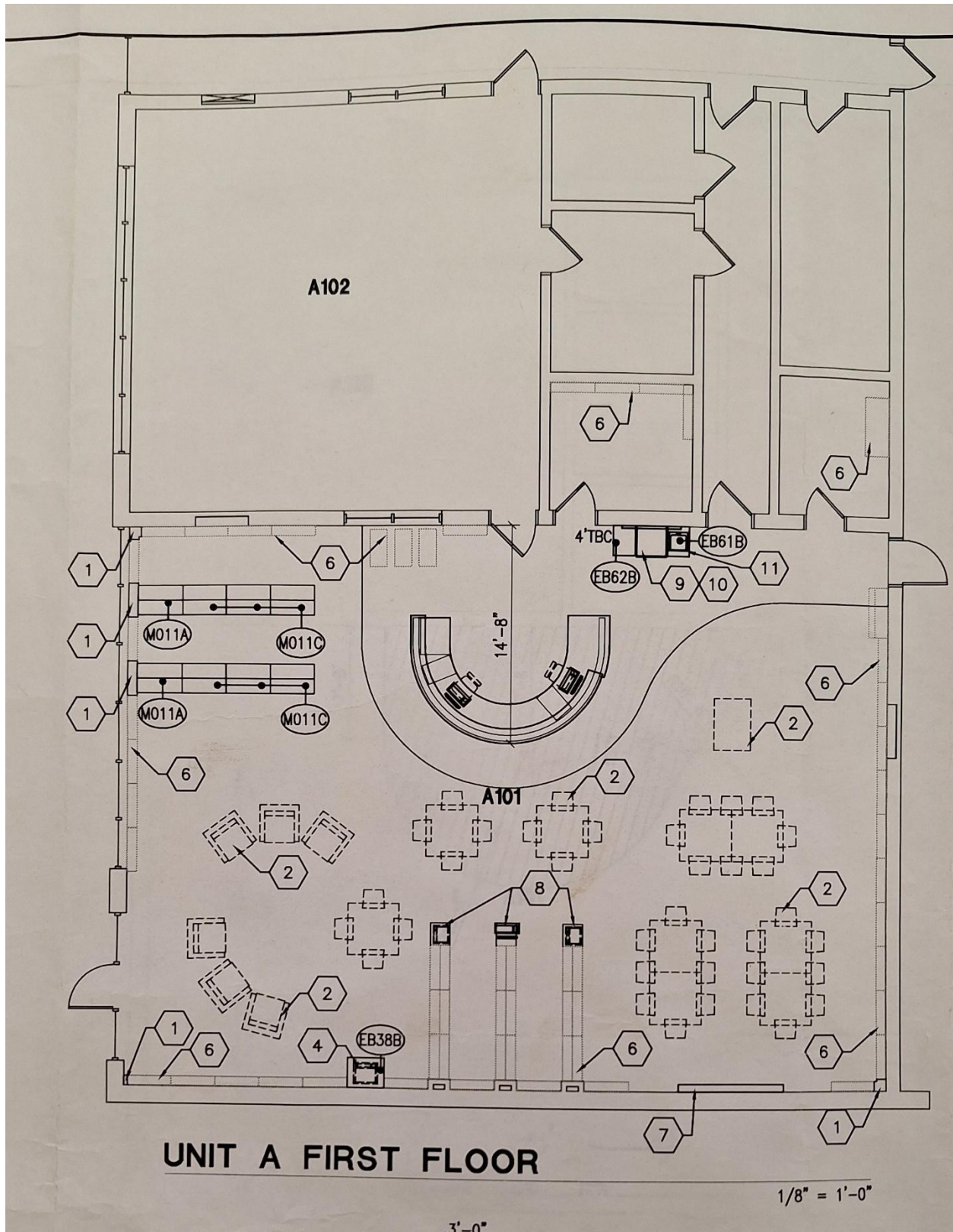
Attachment A – Site plan and drawings

Northwood School-Based Health Center

700 Lemoyne Road, Northwood, Ohio 43619



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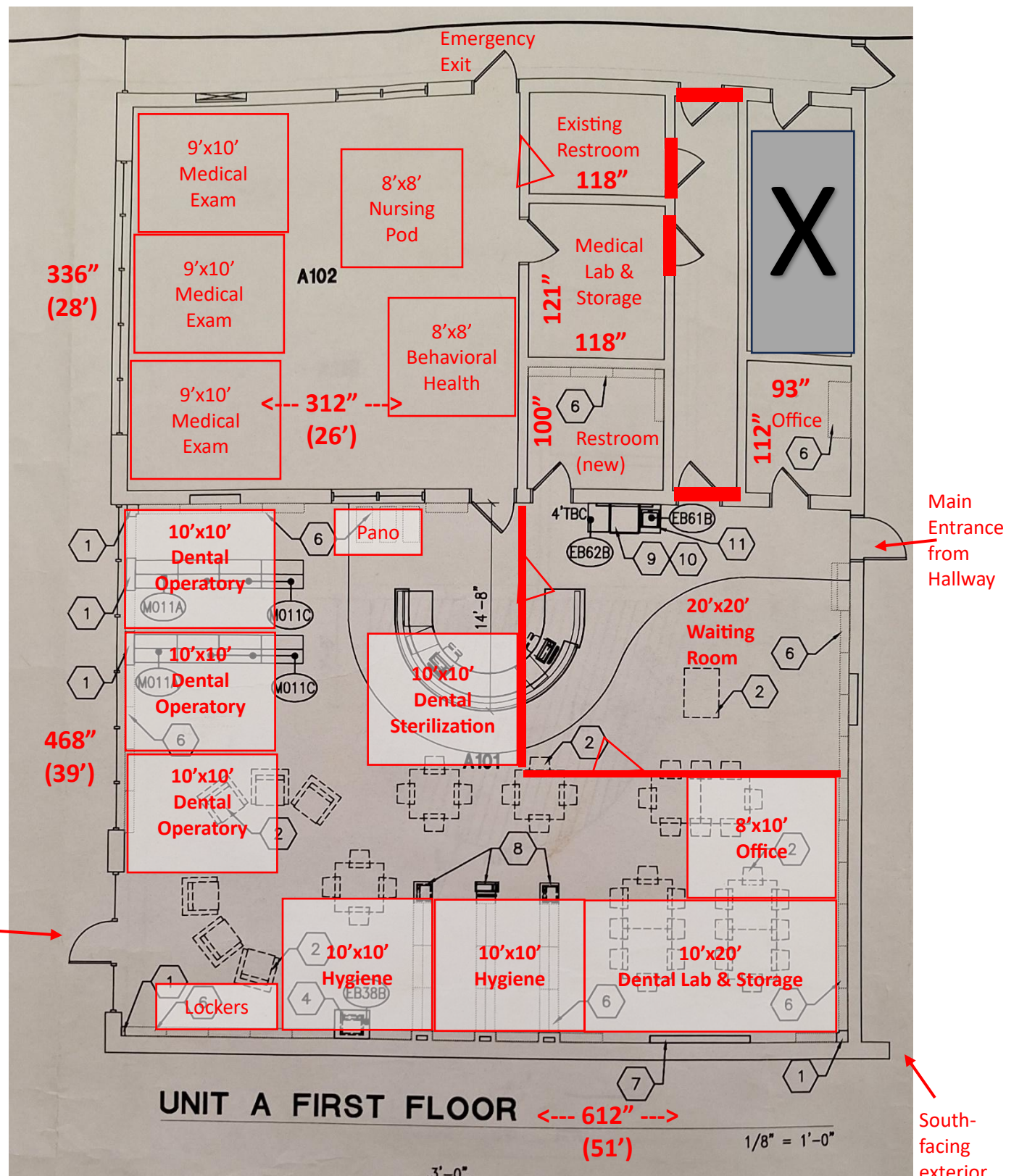
Per room legend

A101: 1,976 SF (10' ceiling height)

A102: 784 SF (10' ceiling height)

Connecting rooms (upper-right) should add up to the remaining 375 SF.

SAMPLE layout of 3,135 square foot site with rough dimensions



Staffing plan:

1 Operations Manager
1 Primary Care Provider
1 Medical Assistant
1 Behavioral Health Provider
1 Front Desk

1 Dentist
3 Dental Assistants
1 Dental Hygienist

Attachment B – Dental equipment specifications

x-ray unit

4.2 Technical Specifications

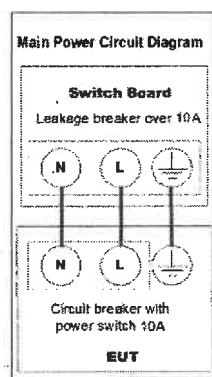
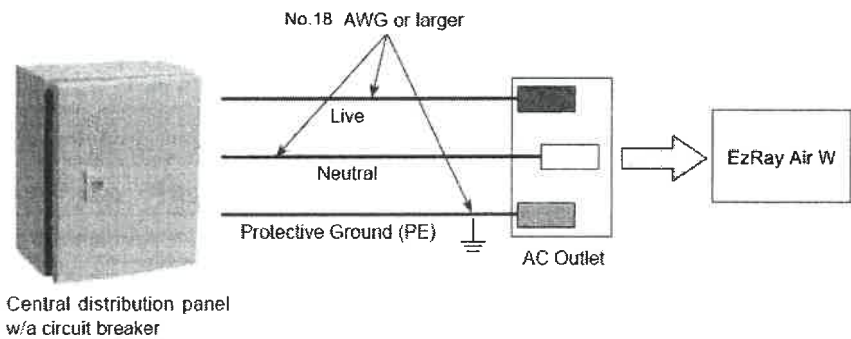
X-ray Generator

Item		Description
High Voltage Generator (Assembly)	Model	DG-S0102V1
	Rated output power	Max. 0.2 kW
	Duty Cycle	1:60 or more (Exposure time: Interval time)
	Cooling Protection	Thermistor $\geq 60^{\circ}\text{C}$
	Inherent Filtration	1.8 mm Al / 65 kV
	Total Filtration	Min. 1.5 mm Al
	Type	Inverter Type
	Tube Voltage	55-65 kV
	Tube Current	1.0-3.0 mA
X-ray Tube	Manufacturer	VATECH Co., Ltd.
	Model	V1-650304 (Stationary Anode type)
	Focal spot size	0.4 mm (IEC 60336)
	Anode heat contents	0.8 kJ
	Maximum Anode Heat Dissipation	200 W
	Target Material	Tungsten
	Target Angle	12.5°
	Inherent Filtration	Min. 1.5 mm Al
	X-ray Coverage	70 mm at SID 200 mm
	Tube Voltage	Max. 65 kV
	Tube Current	Max. 3.0 mA

4.3 Electrical Specifications

Item	Description
Power Supply Voltage	100-240 V ~
Frequency	50/60 Hz (Single phase)
Power Rating	Max. 350 VA
Tube Voltage	65 kV fixed ($\pm 3\%$)
Tube Current	- Option A: 2.5 mA - Option B: 3.0 mA
Accuracy Error	< kVp +10 %, < mA + 20 %, < s + 5 % or 20 ms

- The input line voltage depends on the local electrical distribution system.
- Allowable input voltage fluctuation requirement: $\pm 10\%$
- Mode of operation: Continuous operation with intermittent loading 60 times the exposure time wait before next exposure can begin.



Panoramic X-ray Unit

11. Technical Specifications

Detector Specifications

Item	Description		
	PANO	CEPH (optional)	
Model	Xmaru1501CF	Xmaru2301CF	1210SGA
Detector Type	CMOS photodiode array		Amorphous silicon TFT with a scintillator
Pixel size (μm)	100		127
Active area (mm)	6 x 150.4	5.9 x 230.4	264 x 325
Frame Rate	300 fps	200 fps	240 fph
Sensor size (mm)	175.4 x 86 x 21.6	251.2 x 69 x 27.1	402 x 364 x 32
A/D (bits)	14		

11.3 Electrical Specifications

Item	Description
Power supply voltage	AC 100 - 120 V / 200 - 240 V
	- AC 110 V / 230 V (European Union or The rest countries) - AC 100 V (Japan) - AC 110 V (Taiwan) - AC 120 V (USA / Canada) - AC 220 V (China) - AC 240 V (Australia)
Frequency	50 / 60 Hz (Single)
Power rating	Max.2.0 kVA

- The input line voltage depends on the local electrical distribution system.
- Allowable input voltage fluctuation requirement: ± 10 %.

This manual contains instructions for installation, operation, care and user service information, for the CORE™ Chair by DentalEZ®.

The CORE Chair is designed to provide trouble-free service when installed, operated and cared for according to the procedures set forth in this manual. To ensure proper installation, carefully read all of the instructions contained in this manual, paying close attention to all warnings, cautions and notes. Before starting installation procedures, please review the Components section on below to become familiar with the CORE Chair. After the CORE Chair is installed, please review the features, operation procedures and care guidelines with the doctor's staff.

This manual should remain in the doctor's office.

Mode of operation:

Intermittent (25 sec. ON - 300 sec. OFF)

Unit Weight - Post Mount: 12 kg (27 lbs.)

Min. Installation Space - 10' x 10' (3m x 3m)

Base Plate Footprint:

39-3/4" x 27-7/8" (101cm x 71cm)

Total Lift Capacity - 450 lbs.

Max. Patient Weight - 300 lbs.

Delivery System Capacity - 125 lbs.

Empty Weight - 300 lbs.

Package Weight - 396.9 lbs.

Shipping Dimensions - 57"L x 32"H x 34"W

Recommended Environmental Conditions

- Temperature range of - 5° C to +40° C
- Relative humidity range of 10% to 100%
- Atmospheric pressure range of 50 to 106 kPa

Specifications

Power Supply

- 115 VAC, 50/60 Hz, as applicable
- 230 VAC, 50/60 Hz, as applicable

Fuse Type M:

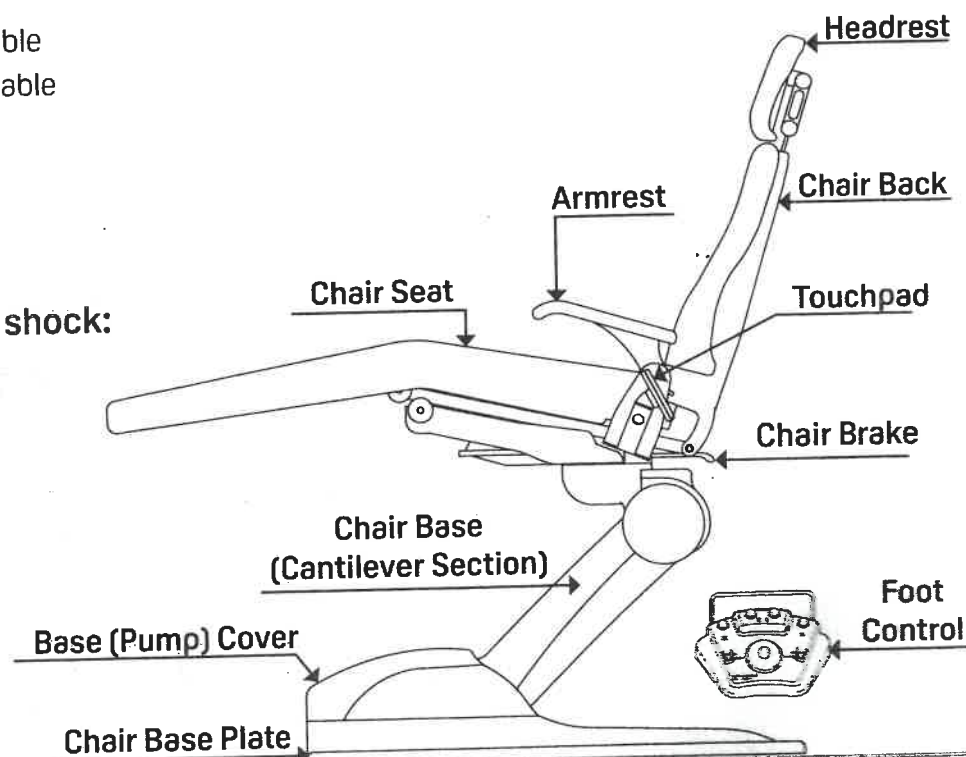
- F1/F2 - 10A, F3 - 100mA
- F1/F2 - 6.3A, F3 - 63mA

Control Voltage - 5VDC

Protection against electric shock:

Class 1 Type B Equipment

Components



This manual contains installation, operation and care instructions, and user service information for the CORE™ Magellan Unit by DentalEZ®.

The CORE delivery system is intended to be used by trained professional dental care personnel as an interface device to connect the dental operator's hand instruments to the appropriate supply utility such as air, water, vacuum, drain and electrical. It functions as a system management device that provides a method of operating the hand instruments from a single control input device.

The CORE delivery system is manufactured to be used with a dental chair that supports a patient in a reclined seated position. Operators will be positioned around the patient's head as required for optimum access for the specific procedure being performed. The delivery unit positions the handpieces for the optimum presentation to the operator.

The Magellan is designed to provide trouble-free service when installed, operated and maintained according to the procedures set forth in this manual.

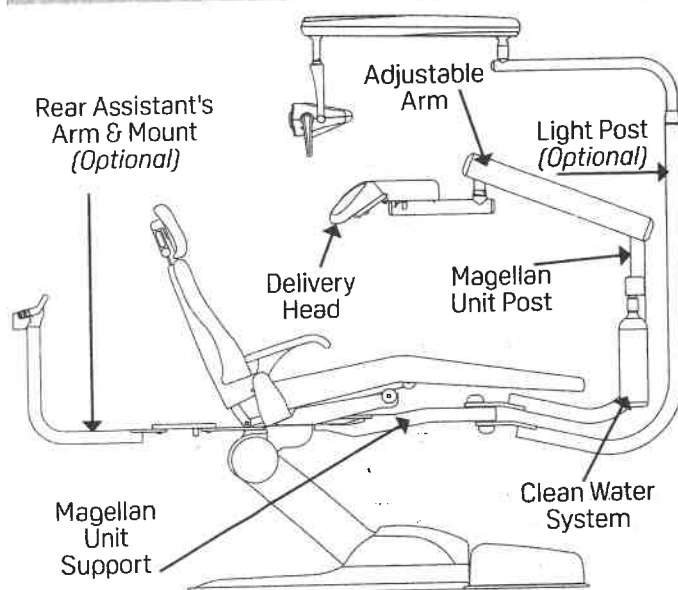
To ensure proper installation, carefully read all of the instructions contained in this manual, paying close attention to all warnings, cautions and notes.

Before starting installation procedures, please review the components illustration below to become familiar with all of the components.

After the CORE delivery system is installed, please review the features, operation procedures, and care guidelines with the doctor's staff.

This manual should remain in the doctor's office.

Components



Specifications

Power Supply

- 115 V, 50/60 Hz., as applicable

Air Pressure - 551.6 kPa (80 PSI) (at regulator in USC)

Water Pressure - 275.8 kPa (40 PSI)
(at regulator in USC or clean water manifold)

Clean Water System - Reservoir Capacity - 2.0 L

Delivery Unit Shipping Weight

CORE Trad. Del. Head & Arms - 11.1 kg (24.5 lbs.)

Magellan Delivery Unit Post - 5.8 kg (13 lbs.)

Magellan Delivery Unit Support - 9 kg (20 lbs.)

Utility Service Center (USC) - 6.8 kg (15 lbs.)

Assistant's Arm - 7.2 kg (16 lbs.)

Light Post (Optional) - 6.8 kg (15 lbs.)

Recommended Environmental Conditions

- Environmental conditions for transport and storage:
 - Relative humidity range within 0% to 95%
 - Transport/storage temp. within -29° C to +74° C
- Environmental conditions for operation:
 - Conditioned Air
 - Atmospheric pressure range within 50 to 105 kPa
 - Operation temperature within +15° C to +27° C

Section I Introduction

over-head Core™ LED Light

This manual contains installation, operation and care instructions and user service information for the Core LED Light operatory light.

 To ensure correct installation, carefully read all the instructions contained in this manual paying close attention to all notes, notices, cautions and warnings.

After the light is installed, please review the operation procedures and care guidelines with the doctor's staff. Then **leave this manual in the doctor's office** for future reference.

The Core LED Light operatory light system is intended to be used by trained professional dental care personnel. The LED light technology provides dull white light with an operatory light arm system allows for smooth movements and optimal positioning. Apart from being infinitely longer lasting (more than 50,000 hours) and with low electrical consumption, dental lights that use LED technology have become the most compact ergonomic devices, with easy installation and transportation.

The Core LED Light allows the dentist to choose the brightness according to the procedure.

The LED's protector is made of resistant and transparent material, protecting it against aerosols. The arm is made of steel with vertical and horizontal movements and has rounded corners. It also has a smooth finish and is easy to clean.

The light structure is made out of steel with a surface treatment using nanotechnology, consisting of a shiny smooth paint and an epoxy base, polymerized in an oven at 250°C, resistant to corrosion and cleaning materials. The head is made from resistant material, with a 620° rotation providing lightness, long life and extensive mobility in all positions.

Specifications

Power Supply: 100 ~ 240V AC, 50/60 Hz.

Operating Amperage: 1.0 max. - .5 min. Amp

Focal Length: 70 cm (27.5")

Color Temperature: 5500° to 6300° Kelvin

Light Intensity: High: 2790 Footcandles
(30,000 Lux)

Medium: 1860 Footcandles
(20,000 Lux)

Low: 930 Footcandles
(10,000 Lux)

Light Pattern: 16.5 cm (6-1/2") x 8.9 cm (3-1/2")

Unit Weight: Post Mount: 12 kg (27 lbs.)

Classifications



Medical - General Medical Equipment
Certified as to electrical shock, fire
and mechanical hazards only in
accordance with AAMI ES 60601-1 (2012)
& CAN/CSA-C22.2 No. 60601-1 (2014).

- Type of protection against electric shock: Type B Class 1 Equipment
- Degree of protection against the ingress of water: IPX 0
- Equipment not suitable for use in the presence of a flammable anesthetic mixture with air or with oxygen or nitrous oxide.
- Mode of operation: Continuous
- Environmental conditions recommended ranges for:
Transport and Storage:
 - Temperature range of - 12° C to + 50° C
 - Relative humidity range of 10% to 100%
 - Atmospheric pressure range of 500 to 1060 kPaNormal Use:
 - Temperature range of + 10° C to + 40° C
 - Relative humidity range of 30% to 75%
 - Atmospheric pressure range of 700 to 1060 kPa

3 Description of the product | 3.10 Symbols on the nameplate of the type 4882 power supply

Connected loads

Supply voltage	100 to 240 V AC, 47 to 63 Hz
Output voltage	36 V DC
Power	120 W
Current	3.34 A

Requirements

Class of protection	II with functional earthing
Protection class	IP 40

Ambient conditions

Permissible ambient temperature range	5°C to +40°C / 41°F to 104°F
Permissible up to a maximum relative humidity of	80 %
Permissible up to	3,000 m / 9843 feet altitude

Transportation and storage conditions

Ambient temperature	-20°C to +70°C / -4°F to 158°F
Relative humidity	5% to 95%
Air pressure	700 hPa to 1060 hPa

3.10 Symbols on the nameplate of the type 4882 power supply

The nameplate is located on the underside of the device.

Certification

Icon	Meaning
	TÜV Rheinland mark
	UL mark for components for USA/Canada
	CE mark

Product characteristics

Icon	Meaning
	Manufacturer
Type	Device type
REF	Material number
INPUT:	Input data: voltage, frequency, current



CAUTION!

This equipment may cause radio interference or may disrupt the operation of nearby equipment. It may be necessary to take mitigation measures such as re-orienting or relocating the unit or shielding the location.



WARNING!
(Failure to comply may result in personnel injury and/or equipment damage.)

Use only the supplied power cord or equivalent

Do not disassemble the unit. There are no user serviceable parts inside.



WARNING!
(Failure to comply may result in personnel injury and/or equipment damage.)

Keep unit covered to reduce airborne contaminants

Do not place fingers or hands in the ultrasonic tank while in operation.

Operation for long periods of time will cause the cleaning solution to get very hot. To avoid scalding, do not place hands in the solution or spill any onto you. Be careful when removing an item from the tank as it may also be hot.

Do not use flammable liquids with Biosonic® units.

VII. Order Information

Unit and accessories

Cat. No	Description	Contents
UC300	100, Unit (100V, 50/60Hz)	1
	115, Unit (115V, 50/60Hz)	1
	230, Unit (230V, 50/60Hz)	1
	230CE, Unit (230V, 50/60Hz)	1
	240, Unit (240V, 50/60Hz)	1
UC310	Large FingerGuard™ Instrument Basket	1
UC311	Twin FingerGuard Instrument Basket	1
UC325	Cassette Basket for IMS Cassettes	1
UC330	Two Beaker Holder	1
UC335	Basket Section Inserts	2
UC340	Replacement Cover	1
UC350	Replacement Drain Filters	3
UC355	Drain Hose	1
UC53	600 ml Beaker with Cover	1

Tank Solutions:

Cat. No	Description	Contents
UC30	General Purpose Solution in MeterDose® Dispensing Bottle	16 oz. (473 ml)
UC31	General Purpose Cleaner + Super Rust Inhibitor	20 Single Dose Packets (15 ml)
UC32	Enzymatic Ultrasonic Cleaner Concentrate in MeterDose Dispensing Bottle	8 oz. (236 ml)
UC34	Plaster & Stone Remover Powder Concentrate in Jar	1.85lbs. (840 g)
UC38	Germicidal Ultrasonic Cleaning Concentrate in MeterDose Dispensing Bottle	8 oz. (236 ml)
UC39	Cement Remover Concentrate in MeterDose Dispensing Bottle	16 oz. (473 ml)
UC42	Germicidal Ultrasonic Cleaning Concentrate in MeterDose Dispensing Bottle	16 oz. (473 ml)

VIII. Unit Specifications

Tank capacity:	3.8 gallons (14.4 liters)
Use capacity:	3.0 gallons (11.4 liters)
Overall dimensions:	19" x 12 x 12.25" (48.3 x 30.5 x 31.1 cm)
Tank dimensions:	14" x 9" x 6.75" (35.6 x 22.9 x 17.2 cm)
Power:	300 watts max
Operating frequency:	40 kHz
100-115V Fuse	7A/250V Slow Blow 3 AG
230-240V Fuse	T2.5A/250V, 5x20 mm

IX. Maintenance

A. Cleaning

All components should be cleaned each day by wiping with a soft cloth moistened with a commercially available mineral deposit remover followed by cleaning with isopropyl alcohol or a mild disinfectant.



CAUTION!

Do not use petroleum based solvents, iodophors or phenolic based products. (Iodophors and phenolics can stain the surface of the unit.) Clean up all liquid spills immediately. Rust deposits on tank can be cleaned/removed with a commercially available stainless steel cleaner.

B. Stainless Steel Cleaning

Allowable:

- Wash with a clean cloth or rag soaked with warm water and mild soap or liquid dish detergent.

- Always clean in the direction of the original polish lines.
- Always rinse well with clear water (2 or 3 times) after cleaning. Wipe dry completely.
- Specialized household stainless steel cleaner may also be used.

Do Not Use:

- Steel or stainless steel wool or scrapers to remove stubborn debris.
- Harsh or abrasive cleaners.
- Do not let dirt accumulate.

Avoid:

- Cleaners that contain bleach.
- Products that contain chloride, fluoride, iodide, or bromide.

Chemicals harmful to use in the tank:

Acetophenone	Aluminum Chloride
Aluminum Fluoride	Aluminum Sulphate
Aluminum Bifluoride	Ammonium Chloride
Ammonium Hydroxide	Amyl Chloride
Antimony trichloride	Aqua Regia
Bromine	Calcium Bisulfate
Calcium Bisulfite	Calcium Hypochloride
Chloracetic Acid	Chloric Acid
Chlorine Anhydrous	Copper Chloride
Copper Fluoborate	Ethyl Chloride
Ferric Chloride	Ferrous Chloride
Ferris Sulfate	Fluoboric Acid
Flourine	Hydrobromic Acid
Hydrochloric Acid	Hydrocyanic Acid
Hydrofluoric Acid	Hydrofluosilicic Acid
Iodoform	Mercuric Chloride
Muriatic Acid	Phosphoric (crude)
Sodium Hypochlorite	Potassium Chloride
Stannic Chloride	Stannous Chloride
Sulfuric Acid	Zinc Chloride

C. Inspecting the Power Cord

Periodically check the power cord for damage and see that the connectors at both ends of the cord are fully seated.

D. Changing the Fuse

- Remove the power cord from the wall outlet first and then from the power cord receptacle on the rear of the unit.
- The fuse compartment is located directly next to the power cord receptacle. To access, take a small, flat-headed screwdriver to the tab on the fuse holder. Apply slight pressure to release the fuse holder (**Fig. 17**).
- Gently remove the fuse from the fuse holder.

Electrical supply

Line voltage	100 to 240 VAC
Mains frequency	50 or 60 Hz
Power consumption	41 VA
Overvoltage category	II
Mains voltage fluctuation	±10 %

Compressed Air

Compressed air	0.4 to 0.6 MPa
Compressed air consumption	Approximately 50 NL/min
Air requirements	Dry, oil free, dirt free, uncontaminated in accordance with EN ISO 7494-2

Operating environment

Temperature	15 to 40°C (59 to 104°F)
Humidity	25 to 90 %
Degree of soiling	2
Permissible to a maximum	2000 m above sea level (6560 feet altitude)

Transportation and storage conditions

Storage temperature	0 to 25°C (32 to 77°F)
Transport temperature	-18 to 40°C (-0 to 104°F)
Rel. humidity	5 to 95 % non-condensing
Air pressure	700 to 1060 hPa

3.4 Scope of delivery**Note**

The package includes the articles listed below. If any of these articles is missing, please contact the supplier immediately so that the missing article can be delivered.

13. Specifications

Electrical Voltage	Continuous (100-240 VAC)
Current	1.0 Amperes, Maximum
Phase	Single
Frequency	50/60 Hertz
Water Pressure	20 to 40 psig (138 to 275 kPa)
Water Temperature	< 25°C (77°F)
Water Flow Rate	Minimum Setting (CCW) < 15 ml/min Maximum Setting (CW) > 55 ml/min
Weight	4.4 lbs (2 Kg)
Dimensions	Height: 3.7 in (9.398 cm) Width: 6.9 in (17.526 cm) Depth: 10.7 in (27.178 cm) Handpiece Cable length: 6.5 ft (2.0 M) Auxiliary Footswitch Cable length: 6 ft (1.8 M) Water Supply Line length: 8 ft (2.4 M)
Footswitch	Protection Class IPX1. Not for operating theatres.
Remote Communication	Frequency: 2.4 GHz Power: < 1mW
Operating Environment	Temperature: 15 to 40 Deg Celsius (59 to 104 Deg Fahrenheit) Relative Humidity: 30% to 75% (non-condensing)
Transport and Storage Conditions	Temperature: 40 to 70 Deg. Celsius (-40 to 158 Deg. Fahrenheit) Relative Humidity: 10% to 95% (non-condensing) Atmospheric Pressure: 500 to 1060 hPa