

BIDFORM (Technical Specification)

“FOR ENVELOPE 1”

Bid no. : BAC3-PNEI-PR8884
Date : November 18, 2019

Unit : Philippine National Ear Institute

| REQUIRED SPECIFICATIONS | OFFERED SPECIFICATIONS | REFERENCE S (include Supporting documents) | COMMENTS/REMARK S (clarify inclusion/exclusion) | EVALUATION |
|--|------------------------|--|---|------------|
| <p>Specifications :</p> <p>Supply and Delivery of Audiologic Diagnostic Equipment (Rebid)</p> <p>-Auditory Steady State Response Device English Language labels, packaging, operating system, and interface Tabletop or portable unit Power supply: 220-240V, 50-60 Hz Transducers: insert earphones, headphones, bone conduction Protocols: awake, asleep, user-customizable Impedance check 2-channel amplifier Stimulus Parameters: <ul style="list-style-type: none"> - Levels: 0-120 dB HL - Frequency: at least 500-4000 Hz - Masking options available Test Time: 20-30 minutes NOAH Compatible Accessories (must included):</p> | | | | |

Note: Pls. fill-up all applicable columns.

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End-user / Representative

Signature of Representative _____

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| | <ul style="list-style-type: none"> - Transducers: insert earphones, headphones, bone conductor - Foam ear tips, multiple sizes - Electrodes: <ol style="list-style-type: none"> 1. Button electrode cable 2. Disposable button electrodes (25 packs) 3. Reusable gold cupped electrodes (8 pieces) - NuPrep gel (4 tubes) - Ten20 Electrode Paste (2 tubs) - Power cord and module: 220-240V - Automatic voltage regulator - Colored Ink Tank Printer - English language user manual Laptop (must be included): <ul style="list-style-type: none"> - English language operating system, and interface - Windows 10 Operating System included - Latest NOAH Software included - Intel Core i5 or equivalent, 3.00 GHz or better | | | | |

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| | <ul style="list-style-type: none"> - 8 GB RAM - At least 128 GB solid state drive <p>TYMPANOMETER:</p> <ul style="list-style-type: none"> - English language labels, packaging, and interface - Graphical display - Probe tones <ol style="list-style-type: none"> 1. Frequency: 226 KHz and 1,000 KHz 2. Intensity: Between 80-90 dB - Compliance Range: 0 – 3.0 cm³ - Pressure Range: +200 to -400 daPa - Accuracy: within 5% - Test time: 1 second - Ipsilateral Stapedial Reflex Testing <ol style="list-style-type: none"> 1. Frequencies: 500, 1000, 2000, and 4000 hz 2. Output Levels: 80-110 dB 3. Accuracy: within 3% 4. Rise/Fall Times: 5-10 msec 5. Automatic Threshold Determination | | | | |

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| <p>6. Test Time: 3-15 seconds</p> <ul style="list-style-type: none"> - Accessories (must included): <ol style="list-style-type: none"> 1. Prove assembly for 226 and 1,000 kHz 2. Transducer for contralateral testing 3. Test cavity 4. Ear tips, multiple sizes (neonates, children, and adult sizes) 5. Thermal printer with 5 rolls refill 6. Device cleaning kit 7. Power cord and module: 220-240V 8. Automatic voltage regulator 9. English language user manual <p>PEDIATRIC AUDIOMETER:</p> <ul style="list-style-type: none"> - Laptop (2 must be included for each set of machines/ total of 4): <ol style="list-style-type: none"> 1. English language operating system and interface 2. Windows 10 Operating System included 3. Latest NOAH Software included 4. Intel Core i5 or equivalent, 3.00 GHz or better | | | | |

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| <p>5. 8 GB RAM 6. At least 128 GB solid state drive</p> <p>It can be more advanced on the default specifications, but not lower on the prescribed set</p> <ul style="list-style-type: none"> - Portable or tabletop unit - Transducers: headphone, bone conduction, free field - Stimulus <p>Types: pure tone, pulse tone, warble, narrow band noise</p> <ol style="list-style-type: none"> 1. Frequency: 500, 1000, 2000, 3000, 4000 Hz for free field 2. Intensity: 30-80 dB HL for free field <ul style="list-style-type: none"> - Visual Reinforcement Audiometry Box (2 pcs) <ol style="list-style-type: none"> 1. It should have 1 amplifier with atleast 2 speakers 2. Remote controlled (wired or wireless) 3. Visual stimulation (light and movement) - Accessories (must included): <ol style="list-style-type: none"> 1. Free field amplifier/transducer with stand (2 pcs) 2. Power cord and module: 220-240V 3. English language user manual | | | | |

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| <p>Additional Bid Documents to be included in the Technical Components (Envelope 1)</p> <ul style="list-style-type: none"> - Manual: Hard copy of English language manual for Auditory Steady State Response Device <ol style="list-style-type: none"> 1. Tympanometer 2. Free Field Audiometer / Pediatric Audiometer List of service centers: preferably distributor/manufacturer has office/service center in Western Visayas and Davao del Sur - Certificate of Distributorship for: <ol style="list-style-type: none"> 1. Auditory Steady State Response Device 2. Tympanometer 3. Free Field Audiometer / Pediatric Audiometer - FDA registration for: <ol style="list-style-type: none"> 1. Auditory Steady State Response Device 2. Tympanometer 3. Free Field Audiometer / Pediatric Audiometer - ISO or equivalent document of the manufacturer - ISO or equivalent certification for: | | | | |

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| <ul style="list-style-type: none"> - Auditory Steady State Response Device - Tmpanometer - Free Field Audiometer / Pediatric Audiometer - List of offices of the manufacturer: must have office in the USA - or Western Europe AND Asia Pacific, preferably in Southeast Asia <p>Requirement/s if declared Lowest/Single Calculated Bid: Demonstration and Presentation of prototype samples for:</p> <ul style="list-style-type: none"> - Auditory Steady State Response Device - Tympanometer - Free Field Audiometer / Pediatric Audiometer <p>Requirements if awarded Contract:</p> <ul style="list-style-type: none"> - Delivery Period: within 120 days - Delivery Place: Philippine General Hospital and/or National Cochlear Implant Centers in Visayas and Mindanao, official list to follow | | | | |

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| | <ul style="list-style-type: none"> - Warranty Period: 3 years (includes parts and services) - Training: Training for Eight (8) people per deployment site (2 National Cochlear Implant Centers in Visayas and Mindanao, official list to follow); conducted by Clinical Audiologist and/or ENT specialist within the country - Support Services: spare parts and repair services, provision of service unit if for servicing off-site <p>VAT INCLUSIVE</p> | | | | |

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