

VA262-16-Q-0832

SECTION B – STATEMENT OF WORK (SOW)

1. Background:

The VASDHS audiology clinic has a requirement for hearing aid analyzers.

2. Supplies/Services:

The hearing aid analyzers shall be completely new. They shall not be used, refurbished, or in any other form, including substitutions. Contractor shall not add or substitute any component(s) without prior approval from the CO.

Salient characteristics required of new hearing aid analyzers:

- 2.1** Equipment must be a fully binaural fitting system,
- 2.2** Must verify binaurally – both on the ears and test box,
- 2.3** Must have options to not use putty for couplings,
- 2.4** Must be capable of testing as a pair,
- 2.5** Must verify whether or not band is being delivered, and must have a bandwidth of at least 16kHz,
- 2.6** Must provide accurate results of at least 1/3 of an octave, up to 12.5kHz,
- 2.7** Must be compatible with existing Speechmap ® software,
- 2.8** Must be a programmable electrical medical system,
- 2.9** Must provide real ear measurement,
- 2.10** Must include a graphical display unit that provides a graphical S11 display, help, unified controls for most binaural testing, and menus,
- 2.11** Must include at least three (3) loud speakers,
- 2.12** Must include connections for two (2) reference microphones,
- 2.13** Must include one (1) binaural coupler microphone,
- 2.14** Must include battery pill substitutes,
- 2.15** Must include the following accessories: cable to connect the test box to the display unit, a binaural coupler microphone to measure the sound level produced in the standard coupler, test box reference microphones for controlling the signal from loud speakers, 0.4cc wideband couplers that are attached to the binaural coupler microphone, AA-1 2cc coupler, HA-2 2cc coupler, hearing instrument stabilizer attached to the 0.4cc couplers, ear mold substitutes (tubing).

(End of Section B)