**Prepared by the North Dakota Legislative Council
staff for the Legislative Management Committee
March 8, 2000**

DESCRIPTION OF COMPONENTS OF BIDS
FOR LEGISLATIVE ASSEMBLY VOTING SYSTEMS

With respect to the Invitation to Bid, indicate under the relevant bid the information requested.

BASE BID

Hardware included in bid:

   4 IBM minitower Model 300 GL computers _x_ yes   ___no

      If no, describe make and model of computers in bid:

         4 computers: Make_____ Model _____

   4 Hewlitt Packard LaserJet 4050N series printers _x_ yes   ___no

      If no, describe make and model of printers in bid:

         4 printers: Make_____ Model _____ Print speed (pages/minute) _____

   Wiring as needed _x_ yes   ___no ***Daktronics - except ethernet cabling and jacks***

Software included in bid:

   Windows 98 operating system _x_ yes   ___no ***Daktronics - except DOS app running in DOS box***

   Programming for data base function control, printer control, disk control, and communications to
   and from relevant legislative information systems _x_ yes   ___no

   All software installed with appropriate connections and programming with appropriate links
   to voting system equipment and voting system and legislative information system software
   programs _x_ yes   ___no

ALTERNATE A - DESKTOP DISPLAYS

Hardware included in bid:

   (Clerk's/secretary's control consoles)

      3 15.1-inch color LCD display screens with touchscreen monitors _x_ yes   ___no

         If no, describe display screens _____

   (Speaker's/President's control consoles)

      6 15.1-inch color LCD screens _x_ yes   ___no

         If no, describe display screens _____

   Wiring as needed _x_ yes   ___no

Software included in bid:

   (Clerk's/secretary's control consoles)

      Consoles display:

      Electronically generated names in floor layout _x_ yes   ___no

      Vote indications by color _x_ yes   ___no

      Vote totals _x_ yes   ___no

      Debate timers _x_ yes   ___no

Delayed debate timers _x_ yes   ____no

Time certain debate timers _x_ yes   ____no

Full wall status display text _x_ yes   ____no

Orders of legislative procedure _x_ yes   ____no

Electronically generated names _x_ yes   ____no

Context sensitive menus _x_ yes   ____no

(Speaker's/President's control consoles)

Consoles display:

Electronically generated names in floor layout _x_ yes   ____no

Vote indications by color _x_ yes   ____no

Vote totals _x_ yes   ____no

Request to speak indications _x_ yes   ____no *Daktronics - By seat order and by request order*

Debate timers _x_ yes   ____no

Delayed debate timers _x_ yes   ____no

Time certain debate timers _x_ yes   ____no

Full wall status display text _x_ yes   ____no

All software installed with appropriate connections and programming with appropriate links to voting system equipment and voting system and legislative information system software programs _x_ yes   ____no

List additional features of your displays

Daktronics
- ***Low profile displays approx. 1" at base to minimize cutout in desktop, sloped enclosures with custom brass faceplate.***
- ***Includes updated status display control electronics.***
- ***Includes full Microsoft Access database to provide accurate historical vote results, even as membership changes.***

International Roll-Call
Microphone control, request to speak, show list of member requesting to speak, call to front/summoning, easily identify members not voting.

ALTERNATE B - CHAMBER WIRING AND MEMBERS' VOTING STATIONS

Hardware included in bid:

Wiring from all members' voting stations to multiplexer/demultiplexer units, front desk consoles, and wall displays _x_ yes   ____no

162 voting stations, each of which includes:

Voting switches with LED indicators indicating yea or nay vote _x_ yes   ____no

Page call switch with LED indicator for page call _x_ yes   ____no

Telephone ring indicator _x_ yes   ____no

Request to speak indicator _x_ yes   ____no

Optional call to front indicator _x_ yes   ____no *International Roll-Call - We can use the Request to Speak button by making it blink when called to the front.*

Microphone on/off control _x_ yes   ___no

Indicate dimensions of voting station

Daktronics - 2 ¾ inches high   5 ¼ inches wide   2 ½ inches deep

International Roll-Call - 2 inches high   5 inches wide   3 inches deep - Sample drawings will be submitted and dimensions may change slightly depending on selection.

Software included in bid:

All software installed with appropriate connections and programming with appropriate links to voting system equipment and voting system and legislative information system software programs _x_ yes   ___no *Daktronics - Desk wiring is significantly reduced.*

ALTERNATE B1 - CHAMBER WIRING AND MEMBERS' VOTING STATIONS (WITH AUDIO CAPABILITY)

Hardware included in bid:

Wiring from all members' voting stations to multiplexer/demultiplexer units, front desk consoles, and wall displays _x_ yes   ___no

162 voting stations, each of which includes:

Voting switches with LED indicators indicating yea or nay vote _x_ yes   ___no

Page call switch with LED indicator for page call _x_ yes   ___no

Telephone ring indicator _x_ yes   ___no

Request to speak indicator _x_ yes   ___no

Optional call to front indicator _x_ yes   ___no *International Roll-Call - We can use the Request to Speak button by making it blink when called to the front*

Microphone on/off control _x_ yes   ___no

Space and arrangement for sound system speaker _x_ yes   ___no *Daktronics - Amplifier at each speaker.*

Indicate dimensions of voting station

Daktronics - 3 ¾ inches high   7 inches wide   3 ½ inches deep

International Roll-Call - 4 ½ inches high   9 ½ inches wide   3 ½ inches deep - Sample drawings will be submitted and dimensions may change slightly depending on the selection

Software included in bid:

All software installed with appropriate connections and programming with appropriate links to voting system equipment and voting system and legislative information system software programs _x_ yes   ___no

ALTERNATE C - WALL VOTE DISPLAYS

Hardware included in bid:

4 wall vote displays _x_ yes   ___no

Each display has these features:

Tricolor LED matrix display _x_ yes   ___no

Display of at least three colors _x_ yes   ___no

Display of members' names _x_ yes   ___no

Multicolors indicate presence, absence, no vote, "yea" or "nay" vote _x_ yes   ___no

Viewing angle of 140 degrees horizontal and vertical _x_yes   ___no

Ability to display text other than members' names _x_yes   ___no

Entire display refreshes within ¾ second _x_yes   ___no

Woodwork to fit new displays in old display spaces _x_yes   ___no

Software included in bid:

Provides automatic loading of names _x_yes   ___no

Automatic highlighting of name of person speaking _x_yes   ___no **Daktronics - Provided mic controls generate this information**

Capability to display text other than members' names _x_yes   ___no

All software installed with appropriate connections and programming with appropriate links to voting system equipment and voting system and legislative information system software programs _x_yes   ___no

List additional features of your displays

Daktronics - See Attachment A

International Roll-Call - List members requesting to speak, debate timer, time of day clock, display committee schedules, member speaking

ALTERNATE D - CAMERA COVERAGE INTERLINK

Bid includes labor and materials to interlink the voting system and sound system for semiautomatic video coverage of the chamber ___yes   ___no

Daktronics checked yes

International Roll-Call - No bid (Specs of cameras)

ALTERNATE D1 - CAMERA COVERAGE EQUIPMENT

Hardware included in this bid:

6 cameras ___yes   ___no

Daktronics checked yes

International Roll-Call - No bid (Need camera specs)

Wiring as needed ___yes   ___no

Daktronics checked yes

International Roll-Call - No bid (Need camera specs)

Software included in this bid:

Recognition by presiding officer causes cameras to pan and focus on recognized

member _x_yes   ___no

One camera in each chamber focuses on person at front desk who is speaking ___yes   ___no

Daktronics checked yes

International Roll-Call - No bid (Camera specs)

All software installed with appropriate connections and programming with appropriate links to voting system equipment and voting system and legislative information system software programs _x_yes   ___no

GENERAL REQUIREMENTS

Each bid includes:

Installation of replacement equipment _x_ yes   ___no

Trade-in of removed equipment _x_ yes   ___no

Installation of necessary software _x_ yes   ___no

Programming necessary for voting system hardware and software to link with existing legislative informa-tion systems, as appropriate _x_ yes   ___no

Completion of installation by July 31, 2000 _x_ yes   ___no

Completion of adequate testing by July 31, 2000 _x_ yes   ___no

Acceptance of responsibility that any failure of legislative information systems to obtain information from the voting systems is attributed to equipment or software installed under the bid and is the responsibility of the bidder to remedy within 48 hours at no cost to the state of North Dakota _x_ yes   ___no

Instruction manuals on operating the system _x_ yes   ___no

Training of legislative staff _x_ yes   ___no

100 percent parts and labor warranty of equipment and software until December 31, 2001, with options to renew as determined necessary _x_ yes   ___no