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  

- Trade-in of removed equipment  

- Installation of necessary software  

- Programming necessary for voting system hardware and software to link with existing legislative information systems, as appropriate  

- Completion of installation by July 31, 2000  

- Completion of adequate testing by July 31, 2000  

- 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  

- Instruction manuals on operating the system  

- Training of legislative staff  

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

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