



# Skamania County Department of Public Works

Post Office Box 790  
Stevenson, Washington 98648  
Office (509) 427-3910

## REQUEST FOR PROPOSALS COMMUNICATION EQUIPMENT FOR SKAMANIA COUNTY

DATE OF ISSUE: June 13, 2012

CLOSING DATE AND TIME: June 25, 2012, 5:00 p.m.

### PROJECT DESCRIPTION:

Skamania County was awarded a grant from FEMA as an alternate project in lieu of road reconstruction from the result of a landslide on Loop Road in Stevenson, WA.

In consideration of an alternate project, the County looked at ways to improve our abilities to enhance our emergency preparedness and opted to replace an aging communication system.

### SCOPE OF WORK:

In accordance with RCW 39.04.270, the Department of Public Works for Skamania County, Washington, is announcing its intent to purchase communication equipment as indicated in Attachment A.

This is for equipment/materials purchases only; the intent is to have all components supplied by one vendor and installed by Skamania County's contracted service provider. It shall be the responsibility of the vendor to furnish all supplies associated with the components to allow for complete installations.

### INSTRUCTIONS TO VENDORS:

Interested vendors are requested to submit a proposal to provide the specified equipment. Fill in all requested information and note an explanation if order-to-receiving timelines will be in excess of 45 days. Your proposal must be signed by an officer of your company and include the name, address, and telephone number of the vendor. In addition, provide the name of the individual who will represent the vendor and be assigned to work with Skamania County staff.

### SCHEDULE:

Skamania County requires that the successful vendor will order components immediately upon contract issuance (anticipated by July 3, 2012); and that the vendor will diligently pursue acquisition of required components as bid. If a component is delayed for reasons beyond the vendors control, a brief description of the delay shall be provided to Skamania County within 2-working days of their notification. Skamania County will have to right to investigate and may purchase the component through a separate vendor, if available, without penalty. This RFP and the awarded vendor's proposal shall become a part of the contract.

### SELECTION PROCESS:

- 1) Skamania County will select a vendor based on price for the specified equipment.
- 2) Any exception to the specified equipment shall be noted as an exception to the quote. It shall be Skamania County's right to accept or reject non-specified equipment, without penalty.
- 3) The awarded vendor shall demonstrate the ability to work with Skamania County's contractor, Day Wireless Systems, Vancouver, WA.
- 4) Vendors are required to keep their proposal in the format provided.
- 5) Vendors must submit a written proposal by 5:00 p.m., June 25, 2012 to Skamania County Department of Public Works, PO Box 1009, Stevenson, WA 98648-1009. The Courthouse Annex is located at 170 NW Vancouver Ave. in Stevenson. Proposals received after this time will not be accepted.
- 6) Proposals will be opened on June 26, 2012 at 8:00 a.m. in the Courthouse Annex.
- 7) Skamania County will select a vendor with whom to negotiate based on information supplied above. Should negotiations prove unsuccessful; a second vendor will be selected and so forth as necessary. Respondents are requested to keep their proposal brief but complete. For additional information about the project, contact Larry Douglass, (509) 427-3910.

### LIMITATIONS:

The cost of submittal and any related expenses, including travel and presentations shall be entirely the responsibility of the vendor. Skamania County reserves the right to reject any and all proposals.

Bid Item	Quantity	Equipment Specification	Price Each	Total Price
1	3	PL Generator 2241A		\$ -
2	2	PL distribution amplifier Model 2240		\$ -
3	2	Battery Banks 2000AH		\$ -
4	2	27.6VDC Power supplies (42 Amp)		\$ -
5	4	Audio Leveling boards DSL 3000		\$ -
6	1	Hybrid Combiner 4 Port UHF 100 Watt per channel input High isolation 100dB between TX		\$ -
7	3	TM4D intelligent reference GPS timing/frequency standards		\$ -
8	1	5 Port UHF receive multicoupler		\$ -
9	2	UHF 3 port TX combining 4 port RX multicoupler UHF 100Watt integrated package		\$ -
10	3	Equipment rack 19" X 7' Chatham or Equiv.		\$ -
11	1	IX-ACS-163-ACC INTRAPLEX ACS T1 MUX AC RJ48C Intraplex(R) T1 Access Server terminal multiplexer with 60W universal AC power supply. Includes the CM-5RB T1 common module with the MA-215 module adapter, and integral CSU with RJ-48C T1 interface connector. 3 rack units		\$ -
12	1	IX-PSY60AC INTRAPLEX POWER SUPPLY Y-SERIES 60W AC Intraplex Spare or redundant 60W universal AC power supply operates hot, load-sharing and takes over in event of failure of main power supply		\$ -

Note Exceptions to Bid Items  
to the End of this Quote

Bid Item	Quantity	Equipment Specification	Price Each	Total Price
13	1	IX-SNC-101S INTRAPLEX SYNCHROCAST3 CNTRL TIMING MOD Intraplex SynchroCast3 module for studio or head end. Provides the timing reference which is encoded and transported with the audio signal. Uses an MA-480 module adapter		\$ -
14	1	IX-MA-480 INTRAPLEX SYNCHROCAST3 MOD ADAPTER Intraplex SynchroCast3 module adapter for use with SNC-101S and SNC-101T, provides the GPS and timing interfaces		\$ -
15	1	IX-SNC-SCS-8 INTRAPLEX SYNCHROCAST3 PRIMARY GPS CABLE Intraplex SynchroCast3 cable kit for connecting a Trak or Spectracom GPS receiver to a single multiplexer. This kit consists of: 3 x 3 ft. 50 Ohm BNC cables, 1 x RJ12-RJ12 cable, 1 x RJ11-RJ11 cable, 1 x DB to RJ adapter (Trak), 1 x DB to RJ adapter (Spectracom), and 1 x BNC FFF adapter		\$ -
16	2	IX-VF-25 INTRAPLEX 4CH 4WIRE EM VOICE Intraplex Four-channel four-wire E&M voice module for T1 systems. Uses MA-305, MA-305B, MA-306, MA-308, MA-308B or MA-309 module adapters		\$ -
17	2	IX-MA-306C ASSY W/MOD CONN RJ45 Module adapter with four-channel voice / E&M interface, RJ-45 connectors. Use with VF-25, VF-25E, VF-27, VF-27E		\$ -
18	1	IX-ACS-163TD-AC INTRAPLEX ACS T1 TIME DELAY MUX RJ8C AC Intraplex Time-Delay T1 Access Server terminal multiplexer with 60W universal AC power supply. Includes the CM-5RTD T1 Time Delay common module with the MA-215 module adapter, and integral CSU with RJ-48C T1 interface connector. 3RU		\$ -

Note Exceptions to Bid Items  
to the End of this Quote

Bid Item	Quantity	Equipment Specification	Price Each	Total Price
19	1	IX-PSY60AC INTRAPLEX POWER SUPPLY Y-SERIES 60W AC Intraplex Spare or redundant 60W universal AC power supply operates hot, load-sharing and takes over in event of failure of main power supply		\$ -
20	1	IX-VF-25 INTRAPLEX 4CH 4WIRE EM VOICE Intraplex Four-channel four-wire E&M voice module for T1 systems. Uses MA-305, MA-305B, MA-306, MA-308, MA-308B or MA-309 module adapters		\$ -
21	1	IX-MA-306C ASSY W/MOD CONN RJ45 Module adapter with four-channel voice / E&M interface, RJ-45 connectors. Use with VF-25, VF-25E, VF-27, VF-27E		\$ -
22	1	IX-DCS-9560TD-A CC TIME DELAY T1 DCSSRVR AC RJ48C Intraplex(R) T1 CrossConnect Server with 60W universal AC power supply, integral CSUs and CM-5RTD with Time Delay function. Includes RJ-48C T1 connectors. 3 rack units		\$ -
23	1	IX-PSY60AC INTRAPLEX POWER SUPPLY Y-SERIES 60W AC Intraplex Spare or redundant 60W universal AC power supply operates hot, load-sharing and takes over in event of failure of main power supply		\$ -
24	1	IX-SNC-101T INTRAPLEX SYNCHROCAST3 TX TIMING MOD Intraplex SynchroCast3 module for transmitter site. Compares the local GPS received signal to the reference timing information from the studio or head end. Uses an MA-480 module adapter		\$ -
25	1	IX-MA-480 INTRAPLEX SYNCHROCAST3 MOD ADAPTER Intraplex SynchroCast3 module adapter for use with SNC-101S and SNC-101T, provides the GPS and timing interfaces		\$ -

Note Exceptions to Bid Items  
to the End of this Quote

Bid Item	Quantity	Equipment Specification	Price Each	Total Price
26	1	IX-SNC-SCS-8 INTRAPLEX SYNCHROCAST3 PRIMARY GPS CABLE Intraplex SynchroCast3 cable kit for connecting a Trak or Spectracom GPS receiver to a single multiplexer. This kit consists of: 3 x 3 ft. 50 Ohm BNC cables, 1 x RJ12-RJ12 cable, 1 x RJ11-RJ11 cable, 1 x DB to RJ adapter (Trak), 1 x DB to RJ adapter (Spectracom), and 1 x BNC FFF adapter		\$ -
27	1	IX-VF-25 INTRAPLEX 4CH 4WIRE EM VOICE Intraplex Four-channel four-wire E&M voice module for T1 systems. Uses MA-305, MA-305B, MA-306, MA-308, MA-308B or MA-309 module adapters		\$ -
28	1	IX-MA-306C ASSY W/MOD CONN RJ45 Module adapter with four-channel voice / E&M interface, RJ-45 connectors. Use with VF-25, VF-25E, VF-27, VF-27E		\$ -
29	1	INTRAPLEX ACS T1 TIME DELAY MUX RJ8C AC Intraplex Time-Delay T1 Access Server terminal multiplexer with 60W universal AC power supply. Includes the CM-5RTD T1 Time Delay common module with the MA-215 module adapter, and integral CSU with RJ-48C T1 interface connector. 3RU		\$ -
30	1	IX-PSY60AC INTRAPLEX POWER SUPPLY Y-SERIES 60W AC Intraplex Spare or redundant 60W universal AC power supply operates hot, load-sharing and takes over in event of failure of main power supply		\$ -
31	1	IX-SNC-101T INTRAPLEX SYNCHROCAST3 TX TIMING MOD Intraplex SynchroCast3 module for transmitter site. Compares the local GPS received signal to the reference timing information from the studio or head end. Uses an MA-480 module adapter		\$ -

Note Exceptions to Bid Items  
to the End of this Quote

Bid Item	Quantity	Equipment Specification	Price Each	Total Price
32	1	IX-MA-480 INTRAPLEX SYNCHROCAST3 MOD ADAPTER Intraplex SynchroCast3 module adapter for use with SNC-101S and SNC-101T, provides the GPS and timing interfaces		\$ -
33	1	IX-SNC-SCS-8 INTRAPLEX SYNCHROCAST3 PRIMARY GPS CABLE Intraplex SynchroCast3 cable kit for connecting a Trak or Spectracom GPS receiver to a single multiplexer. This kit consists of: 3 x 3 ft. 50 Ohm BNC cables, 1 x RJ12-RJ12 cable, 1 x RJ11-RJ11 cable, 1 x DB to RJ adapter (Trak), 1 x DB to RJ adapter (Spectracom), and 1 x BNC FFF adapter		\$ -
34	1	IX-VF-25 INTRAPLEX 4CH 4WIRE EM VOICE Intraplex Four-channel four-wire E&M voice module for T1 systems. Uses MA-305, MA-305B, MA-306, MA-308, MA-308B or MA-309 module adapters		\$ -
35	1	IX-MA-306C ASSY W/MOD CONN RJ45 Module adapter with four-channel voice / E&M interface, RJ-45 connectors. Use with VF-25, VF-25E, VF-27, VF-27E		\$ -
36	4	IX-CM-30 NETXPRESS LX IP COMMON MODULE NetXpress LX IP Common Module. Can also be used to convert Intraplex T1/E1 systems for use on IP networks. Requires an MA-230 IP module adapter		\$ -
37	4	IX-MA-230 NETXPRESS LX IP MODULE ADAPTER NetXpress LX IP Module adapter, used with the CM-30 IP common module		\$ -
38	1	IX-VF-25 INTRAPLEX 4CH 4WIRE EM VOICE Intraplex Four-channel four-wire E&M voice module for T1 systems. Uses MA-305, MA-305B, MA-306, MA-308, MA-308B or MA-309 module adapters		\$ -
39	1	IX-MA-306C ASSY W/MOD CONN RJ45 Module adapter with four-channel voice / E&M interface, RJ-45 connectors. Use with VF-25, VF-25E, VF-27, VF-27E		\$ -

Note Exceptions to Bid Items  
to the End of this Quote

Bid Item	Quantity	Equipment Specification	Price Each	Total Price
40	1	IX-SNC-101T INTRAPLEX SYNCHROCAST3 TX TIMING MOD Intraplex SynchroCast3 module for transmitter site. Compares the local GPS received signal to the reference timing information from the studio or head end. Uses an MA-480 module adapter		\$ -
41	1	IX-MA-480 INTRAPLEX SYNCHROCAST3 MOD ADAPTER Intraplex SynchroCast3 module adapter for use with SNC-101S and SNC-101T, provides the GPS and timing interfaces		\$ -
42	1	IX-SNC-SCS-9 INTRAPLEX SYNCHROCAST3 ADD-ON GPS CABLE Intraplex SynchroCast3 cable kit for connecting an additional multiplexer to an existing multiplexer/GPS installation. This kit consists of: 4 x 3 ft. 50 Ohm BNC cables, 3 x RJ12-RJ12 cable, 2 x BNC FFF adapter, and 1 x RJ-11 splitter		\$ -
43	1	IX-ACS-163-24C INTRAPLEX ACS T1 MUX 24VDC RJ48C Intraplex(R) T1 Access Server terminal multiplexer with 50W, 24 VDC power supply. Includes the CM-5RB T1 common module with the MA-215 module adapter, and integral CSU with RJ-48C T1 interface connector. 3RU		\$ -
44	1	IX-DCS-9560TD-24 TIME DELAY T1 DCSSRVR 24VDC RJ48C Intraplex(R) T1 CrossConnect Server with 50W DC 24 volt power supply and CM-5RTD with Time Delay function. Includes RJ-48C T1 connectors. 3 rack units		\$ -
45	1	IX-ACS-163TD-24C INTRAPLEX ACS T1 TIME DELAY MUX 24VDC RJ48C Intraplex Time-Delay T1 Access Server terminal multiplexer with 50W 24V DC power supply. Includes the CM-5RTD T1 Time Delay common module with the MA-215 module adapter, and integral CSU with RJ-48C T1 interface connector. 3RU		\$ -

Note Exceptions to Bid Items  
to the End of this Quote



Bid Item	Quantity	Equipment Specification	Price Each	Total Price
46	1	IX-PSY5024 INTRAPLEX POWER SUPPLY Y-SERIES 24V DC Intraplex Spare or redundant 50W 24 Volt power supply operates hot, load-sharing and takes over in event of failure of main power supply		\$ -
47	1	IX-ACS-163-48C INTRAPLEX ACS T1 MUX 48VDC RJ48C Intraplex(R) T1 Access Server terminal multiplexer with 50W, 48 VDC power supply. Includes the CM-5RB T1 common module with the MA-215 module adapter, and integral CSU with RJ-48C T1 interface connector. 3RU		\$ -
48	1	IX-DCS-9560TD-48 TIME DELAY T1 DCSSRVR 48VDC RJ48C Intraplex(R) T1 CrossConnect Server with 50W DC 48 volt power supply and CM-5RTD with Time Delay function. Includes RJ-48C T1 connectors. 3 rack units		\$ -
49	1	IX-ACS-163TD-48C INTRAPLEX ACS T1 TIME DELAY MUX 48VDC RJ8C Intraplex Time-Delay T1 Access Server terminal multiplexer with 50W 48V DC power supply. Includes the CM-5RTD T1 Time Delay common module with the MA-215 module adapter, and integral CSU with RJ-48C T1 interface connector. 3RU		\$ -
50	1	IX-PSY5048 INTRAPLEX POWER SUPPLY Y-SERIES 48V DC Intraplex Spare or redundant 50W 48 Volt power supply operates hot, load-sharing and takes over in event of failure of main power supply		\$ -
51	1	IX-CM-5RB INTRAPLEX T1 LINE REDUNDANT COMMON MODULE Intraplex T1 common module with capability for line and module redundancy. Uses MA-215, MA-216, or MA-217B module adapter. For Line Redundancy uses MA-235-1 and MA-235-2		\$ -

Note Exceptions to Bid Items  
to the End of this Quote

Bid Item	Quantity	Equipment Specification	Price Each	Total Price
52	1	IX-CM-5R-TD INTRAPLEX T1 TIME DELAY REDUNDANT COMMON MODULE Intraplex T1 common module with variable time delay and capability for line and module redundancy. Uses MA-215, MA-216 or MA-217B module adapter. For Line Redundancy uses MA-235-1 and MA-235-2		\$ -
53	1	IX-MA-215 INTRAPLEX NTWK INT T1 100W CSU RJ48C Intraplex T1 (100 ohm) or E1 (120 ohm) interface with integral CSU, RJ-48C connector, external timing and remote control interface		\$ -
54	1	IX-CM-95 INTRAPLEX T1 DCS COMMON MODULE Intraplex T1 DCS processor module used in DCS-9500, DCS-9530, DCS-9560 and DCS-9565 systems. Uses MA-251A (for 3RU systems) or MA-252A (for 1RU systems) module adapters		\$ -
55	1	IX-DCS-6A INTRAPLEX T1 DCS SWITCH MODULE Intraplex T1 DCS control module used in DCS-9500, DCS-9530, DCS-9560 and DCS-9565 systems. Uses an MA-255 family module adapter		\$ -
56	1	IX-MA-251A INTRAPLEX MOD ADAPT CM-95/CM-95E 3RU Intraplex Module adapter for 3RU DCS (external timing, remote control and external inputs), DB-15 connectors		\$ -
57	1	IX-MA-255C-1 INTRAPLEX DCS MA RJ48C PORT 1,2,3 Intraplex Module adapter providing three T1 or E1 interfaces with integral CSUs, RJ-48C connectors for Lines 1, 2 and 3		\$ -
58	1	IX-MA-255C-2 INTRAPLEX DCS MA RJ48C PORT 4,5,6 Intraplex Module adapter providing three T1 or E1 interfaces with integral CSUs, RJ-48C connectors for Lines 4, 5 and 6		\$ -

Note Exceptions to Bid Items  
to the End of this Quote

Bid Item	Quantity	Equipment Specification	Price Each	Total Price
59	1	IX-SNC-101S INTRAPLEX SYNCHROCAST3 CNTRL TIMING MOD Intraplex SynchroCast3 module for studio or head end. Provides the timing reference which is encoded and transported with the audio signal. Uses an MA-480 module adapter		\$ -
60	1	IX-SNC-101T INTRAPLEX SYNCHROCAST3 TX TIMING MOD Intraplex SynchroCast3 module for transmitter site. Compares the local GPS received signal to the reference timing information from the studio or head end. Uses an MA-480 module adapter		\$ -
61	1	IX-MA-480 INTRAPLEX SYNCHROCAST3 MOD ADAPTER Intraplex SynchroCast3 module adapter for use with SNC-101S and SNC-101T, provides the GPS and timing interfaces		\$ -
62	1	IX-VF-25 INTRAPLEX 4CH 4WIRE EM VOICE Intraplex Four-channel four-wire E&M voice module for T1 systems. Uses MA-305, MA-305B, MA-306, MA-308, MA-308B or MA-309 module adapters		\$ -
63	1	IX-MA-306C ASSY W/MOD CONN RJ45 Module adapter with four-channel voice / E&M interface, RJ-45 connectors. Use with VF-25, VF-25E, VF-27, VF-27E		\$ -
64	1	IX-PSY60AC INTRAPLEX POWER SUPPLY Y-SERIES 60W AC Intraplex Spare or redundant 60W universal AC power supply operates hot, load-sharing and takes over in event of failure of main power supply		\$ -
			Sub-total	\$ -
			tax	\$ -
			Total	\$ -

Note Exceptions to Bid Items  
to the End of this Quote

