

# **BEMIDJI CITY COUNCIL**

## ***Work Session Agenda***

**Monday, May 10, 2010**

**City Hall  
Conference Room  
5:30 P.M.**



1. CALL TO ORDER / ROLL CALL
  
2. RFP FOR SOLAR ENERGY – Sustainability Committee
  
3. AWARD BID FOR THE BREC VIDEO DISPLAY SYSTEM
  
4. DISCUSSION REGARDING BREC CHANGE ORDERS WITH LEO A DALY
  
5. ADJOURNMENT

May 6, 2010

Dear Mayor Lehmann and Council Members,

I am writing this letter on behalf of the Bemidji Sustainability Committee. We are recommending the City of Bemidji contract with Bonestroo as an independent consultant to the City's Sustainability Committee. The consultant will be responsible for completing a feasibility study to assess solar energy viability at the South Shore Development in Bemidji.

Three proposals were received by the April 30<sup>th</sup> deadline; Rural Renewable Energy Alliance (RREAL), Conservation Technologies, and Bonestroo. The Request for Proposal stated that the project is expected to cost between \$12,000 and \$15,000. All three proposals were within this range with Conservation Technologies being the lowest (\$13,900), RREAL in the middle (\$14,000), and Bonestroo the highest (\$14,830). Cost was only one factor used for evaluating these proposals, and the Bemidji Sustainability Committee feels that the higher cost is justified by the higher quality of Bonestroo. The Bemidji Sustainability Committee met on Wednesday, May 5<sup>th</sup>, to review the proposals.

Several factors made Bonestroo stand out amongst the other two proposals. Most importantly, Bonestroo was the only consultant firm that specifically described a plan for meeting the May 28<sup>th</sup> deadline to write the Solar Energy Legacy Grant. Recall that the ultimate objective of the consultant is to ascertain the best location for a solar photovoltaic system on the South Shore Development. Once a location is determined, the consultant will apply for a Solar Energy Legacy Grant with the potential to receive \$150,000 to purchase and install the solar photovoltaic system. Bonestroo's work plan, budget, and expressed understanding of the project objectives were much more detailed and thorough than the other two proposals. Another benefit of utilizing Bonestroo is that they are already familiar with the Bemidji area since they have been working on the Quality Neighborhoods Initiative. They have also written many successful grants, including a recent solar photovoltaic grant for the City of Oak Park Heights.

Bemidji Sustainability Committee members were also excited by Bonestroo's qualifications, as they seemed the only consultant firm with a solid background in community development. Note this passage in Bonestroo's proposal:

*"The South Shore Development will add a significant community focus to the Bemidji area with the new Regional Events Center and related development in a master-planned PUD. The City wants to provide a solar photovoltaic (PV) system to help run the pumps for the geothermal heating and cooling system to offset some of the fossil fuels needed for the Events Center. This would also provide a valuable opportunity to highlight alternative energy. The siting of the PV system is as much a community development feature as a technical job. Bonestroo will balance these complementary objectives in developing our recommendations. The South Shore Development offers a number of opportunities and challenges for providing this kind of PV demonstration project. There are real constraints in terms of the structural capacity of various roof elements, ease of connection to the pump system, the size and other specifications for the panels and supporting equipment, and the unfortunate reality of needing to protect against vandalism or other inadvertent damage. However, there will be many visitors to the area at various times of the year, at various times of the day. There is a large new building and site with many locations to potentially locate the PV array. There are many possibilities for making this an educational, even playful, demonstration of the power of the sun to help with large-scale energy uses."*

Bonestroo's approach was also well-thought out:

- *"Understand the community context of the South Shore Development area and the Regional Events Center.*
- *Imagine the project through a visitor's eyes, a student's eyes, a tourist's eyes and others, and consider the possibilities it can bring to the community. Communicate those viewpoints to decision makers.*
- *Approach the design options from an owner's and developer's point of view, understanding the desire to enhance the building and the area, without creating unintended problems.*
- *Analyze the technical aspects well enough to get the system designed and the grant prepared.*
- *Thoroughly learn the grant funding source's objectives, motivations, and preferred style."*

The Bemidji Sustainability Committee thanks you for your time and support. We are working very hard to think long-term about the Bemidji area. If you have any questions or concerns, please don't hesitate to contact me via phone (755-2916) or email (dbahr@bemidjistate.edu).

Sincerely,

Dave Bahr  
Bemidji Sustainability Committee member

April 30, 2010



Honorable Mayor and City Council  
c/o Kay Murphy  
City of Bemidji  
317 4th Street NW  
Bemidji, MN 56601

Re: South Shore Solar Energy Viability

Honorable Mayor and City Council:

Bonestroo is very pleased to present our proposal to assist Bemidji in assessing the feasibility and location of a solar energy demonstration project in the South Shore Development. Our approach will take into account not just the technical aspects of the project, but also the community development and educational aspects of having this kind of new and interesting technology in a highly visible location in the community. Since the best design is of little use without the funding to make it happen, Bonestroo's track record in successful grant writing is also a key to our proposal.

#### **PROJECT UNDERSTANDING**

The South Shore Development will add a significant community focus to the Bemidji area with the new Regional Events Center and related development in a master-planned PUD. The City wants to provide a solar photovoltaic (PV) system to help run the pumps for the geothermal heating and cooling system to offset some of the fossil fuels needed for the Events Center. This would also provide a valuable opportunity to highlight alternative energy. The siting of the PV system is as much a community development feature as a technical job. Bonestroo will balance these complementary objectives in developing our recommendations.

The South Shore Development offers a number of opportunities and challenges for providing this kind of PV demonstration project. There are real constraints in terms of the structural capacity of various roof elements, ease of connection to the pump system, the size and other specifications for the panels and supporting equipment, and the unfortunate reality of needing to protect against vandalism or other inadvertent damage. However, there will be many visitors to the area at various times of the year, at various times of the day. There is a large new building and site with many locations to potentially locate the PV array. There are many possibilities for making this an educational, even playful, demonstration of the power of the sun to help with large-scale energy uses.

For example, a roof-mounted system may be the most practical in terms of space and security, but a portion of the panels could be ground-mounted in a highly visible location with an interactive display so people can see how the cells work, both with and without the sun. There could be interpretive displays about how the PV and geothermal systems work, both outside and within the Regional Events Center. Another option would be to mount the PV panels above the sidewalk or parking lot in front of Events Center, providing a shaded canopy and an educational opportunity at the same time. We will explore other ideas with key stakeholders and others. Our approach will be to combine an urban designer's sense of place and a science museum curator's sensibilities with the technical rigor of a solar engineer.

## **EXPERIENCE**

Bonestroo is a multi-discipline planning and engineering firm. We have experienced professionals with backgrounds in architecture, community development, urban design, renewable energy, electrical engineering, and structural engineering under one roof. We are currently assisting the City of Bemidji with the Quality Neighborhoods Initiative in cooperation with the Headwaters Regional Development Commission. This collaboration will provide some efficiencies in doing both projects – meetings and site visits could be combined to the benefit of both efforts.

We also have direct recent experience with grants for renewable energy projects. The City of Oak Park Heights, MN recently received an approximately \$80,000 renewable energy (EECBG) grant in response to the grant proposal that Bonestroo prepared on their behalf. This competitive grant, administered by the Minnesota Department of Commerce – Office of Energy Security, includes a solar/photovoltaic project to power street lighting, and lighting for a City Park picnic shelter and ice skating rink warming house. The Oak Park Heights PV project is at a smaller scale, but it shares Bemidji's joint objectives of public education, energy self-sufficiency, and carbon footprint reduction.

## **TECHNICAL QUALIFICATIONS**

As illustrated by our success in obtaining the Oak Park Heights grant, Bonestroo has the knowledge to identify renewable energy funding sources and the skills to prepare a winning grant proposal. In structuring the feasibility study framework for Bemidji's PV development, we will mine public and private funding databases such as the Database of State Incentives for Renewables and Efficiency (DSIRE), and the Clean Tech Resource Center.

Various funding sources bring a range of requirements and constraints. For instance, projects seeking federal ARRA "stimulus" funding must qualify for NEPA "categorical exemption," abide by Davis-Bacon prevailing wage requirements, and conform to "buy American" provisions. In matching up candidate PV development options with potential funding sources, Bonestroo will see that such requirements are considered – and that the project budget estimates are consistent with relevant constraints.

## **APPROACH**

Bonestroo's approach to the Bemidji solar energy project and grant proposal submission involves several simple but effective strategies:

- Understand the community context of the South Shore Development area and the Regional Events Center.
- Imagine the project through a visitor's eyes, a student's eyes, a tourist's eyes and others, and consider the possibilities it can bring to the community. Communicate those viewpoints to decision makers.
- Approach the design options from an owner's and developer's point of view, understanding the desire to enhance the building and the area, without creating unintended problems.
- Analyze the technical aspects well enough to get the system designed and the grant prepared.
- Thoroughly learn the grant funding source's objectives, motivations, and preferred style.
- Present the proposed project in the manner requested, clearly identifying how it will further the funding organization's objectives.
- Provide more than the minimum documentation; include rigorous analysis of how the project will reduce greenhouse gas emissions – reducing the grantee's "carbon footprint."

## **SCOPE OF WORK**

Bonestroo proposes the following tasks to accomplish the feasibility study and grant preparation:

### **INITIATION MEETING**

Bonestroo will meet with the Sustainability Committee or others designated for the study, to discuss the project, roles, responsibilities, and schedule, as well as ideas for meeting the community and educational goals for the photovoltaic project.

### **BACKGROUND RESEARCH**

#### SYSTEM ANALYSIS

- Calculate the physical size of the PV panels by comparing typical sun hours in Bemidji, the 20-25 kW system required, and wattage of commercially available PV panels. Recommend options for manufacturer/supplier of PV panels. Present results for fixed mount, single-, and dual-axis tracking systems. Our preliminary estimate is that the PV panel array will be about 1,500 square feet in area.
- Analyze the electrical needs of the PV system, recommending conduit, conductors, equipment locations other than the PV arrays, monitoring, terminations, and existing equipment modifications. The PV panel manufacturer will provide details on the power equipment for the photovoltaic system, such as control panels, inverters, batteries, etc. Assumes City provides power requirements to drive the desired system – no additional study of power requirements. Assumes background information on the building is available from the City, architect, or engineer. No CAD work is assumed.

#### SITE ANALYSIS

- Analyze the site in and around the South Shore Development and the Bemidji Regional Events Center (BREC) for potential locations that would meet requirements of solar access, size, vehicular access, mechanical access and other needs.
- Analyze the site and vicinity for potential development issues that might be opportunities or constraints for the project, such as visibility, accessibility, traffic patterns and volumes, other nearby attractions, pedestrian patterns, sight lines and other issues.

#### STRUCTURAL ANALYSIS

Analyze the roof structure of various locations on the BREC to determine the feasibility of a roof-mounted system, based on available information from the architect and structural engineer for BREC project. Assumes background information on the building is readily available from the City, architect, or engineer.

#### INTERVIEWS

Bonestroo will interview various local and regional institutions, agencies and individuals with a stake or insight into the PV project, such as educational leaders, environmental advocacy groups, electric utility, or others who have ideas or concerns about the project.

#### **PRELIMINARY RECOMMENDATIONS**

Bonestroo will prepare a memorandum summarizing preliminary recommendations for the siting of the PV system based on the above analysis, site visit and meetings.

#### **PRELIMINARY RECOMMENDATIONS MEETING**

Bonestroo will meet with the Sustainability Committee to review findings and discuss the preliminary recommendations.

#### **REVISION AND REFINEMENT**

Based on the above meeting Bonestroo will revise our findings and recommendations and submit a final report to the Sustainability Committee.

#### **GRANT PROPOSAL WRITING**

Bonestroo will prepare one or more grant proposals for the purchase and installation of the PV panels and equipment.

**COST ESTIMATE**

Bonestroo estimates the cost of the scope and task described above as follows:

	<i>Rate</i>	<i>\$144</i>	<i>\$144</i>	<i>\$169</i>	<i>\$144</i>		
<b>Task/Hours</b>	<b>Staff</b>	<b>Carlson</b>	<b>Caswell</b>	<b>Osa</b>	<b>Mueller</b>	<b>Expenses</b>	<b>Cost</b>
Initiation Meeting		12				100	\$ 1,828
System Analysis		2		2	16	300	\$ 3,230
Site Analysis		8	1	1			\$ 1,465
Structural Analysis			2				\$ 288
Interviews		4					\$ 576
Preliminary Memo		4	1	2	1		\$ 1,202
Prelim Meeting		12				100	\$ 1,828
Revision		2		1	1		\$ 601
Grant Writing		1	1	20	1		\$ 3,812
	Hours	45	5	26	19		<b>\$14,330</b>
	Expenses					\$500	\$ <u>500</u>
	<b>TOTAL</b>						<b>\$14,830</b>

**SCHEDULE**

We will begin immediately on the City's authorization and will work diligently to complete the study at the City's direction with target completion of the grant proposal by the May 28 deadline. This will require authorization to proceed immediately upon selection before the contract is finalized, as well as careful coordination of meetings and availability of key people on the Sustainability Committee or others assisting and making decisions on the project.

We look forward to working with you on this exciting project.

Sincerely,

BONESTROO



Philip Carlson, AICP  
 Director of Planning



Breaking new ground since 1897  
206 Beltrami Avenue NW  
Bemidji, MN 56601  
O 218.759.0596  
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May 7, 2010

Bemidji City Council  
317 Fourth Street NW  
Bemidji, MN 56601

**RE: Bemidji Regional Event Center  
1111 Event Center Drive NE  
Bemidji, MN 56601**

Dear Bemidji City Council,

Kraus-Anderson® Construction Company, BAi, Leo A. Daly, and VenuWorks has reviewed the bids that were received on April 22, 2010, for the Electronic Digital Systems.

We are recommending award of contract to the following bidder:

<u>Work Scope</u>	<u>Contractor, City, State</u>
#27.4 – Electronic Digital Systems	Daktronics, Inc. 331 32 <sup>nd</sup> Avenue Brookings, SD 57006

We have attached a bid tabulation sheet that reflects the bids received for the bid division noted above along with the written reviews from Leo A. Daly, BAi, and VenuWorks.

If you have any questions regarding this information, please do not hesitate to contact me at 218-444-6967.

Very truly yours,

KRAUS-ANDERSON® CONSTRUCTION COMPANY

A handwritten signature in black ink, appearing to read 'Gerry Domino', is written over the company name.

Gerry Domino  
Senior Project Manager

Attachments





## Larson, Rachel

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**Subject:** FW: Scoreboard/Video Board Proposal Review

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**From:** Andy Long [mailto:ALong@venuworks.com]  
**Sent:** Wednesday, May 05, 2010 10:23 AM  
**To:** Bob LeBarron; Merrill, Bill; John Chattin; Domino, Gerry  
**Cc:** Parker, Steve; Jackson, Mark; John R. Miller Jr.  
**Subject:** RE: Scoreboard/Video Board Proposal Review

Gents,

Agree with what Bob put forth. Seems that Daktronics is the lowest bid with what we want and in the spirit of time, we should move forward with recommending them and work out the details as soon as possible.

Andy E. Long  
Regional Vice President  
VenuWorks  
4611 Mortensen Road, Suite 111  
Ames, IA 50014  
☎: 515.232.5151  
☎ C: 515.402.2639  
✉: [Along@VenuWorks.com](mailto:Along@VenuWorks.com)

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**From:** Bob LeBarron  
**Sent:** Wednesday, May 05, 2010 8:43 AM  
**To:** 'Merrill, Bill'; 'John Chattin'; 'Domino, Gerry'; Andy Long  
**Cc:** 'Parker, Steve'; 'Jackson, Mark'; 'John R. Miller Jr.'  
**Subject:** RE: Scoreboard/Video Board Proposal Review

Based upon a conversation with Joey Hulsebus, Andy Long and John Chattin on Tuesday, I am comfortable in stating that spending the additional \$73K to have Daktronics supply the Cross Fire software when their proprietary software will provide us the same functionality is an unnecessary expense. I will agree with Bill Merrill and John Chattin that the question of the hoist system and the change in requirements between the base video boards and the larger alternate boards needs to be resolved.

I will allow Andy Long to provide his additional input, but from an overall standpoint it appears Daktronics is fully capable of fulfilling the requirements stated in the RFP at the lowest cost.

Bob LeBarron, CFE  
VenuWorks Executive Director  
Bemidji Regional Event Center  
317 4th Street NW  
Bemidji, MN 56601  
(218) 759-3585  
(218) 759-3590 FAX  
[bob@venuworks.com](mailto:bob@venuworks.com)  
<http://www.bemidjievts.com>

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**From:** Merrill, Bill [mailto:WEMerrill@leoadaly.com]  
**Sent:** Tuesday, May 04, 2010 3:41 PM

**To:** John Chattin; Domino, Gerry  
**Cc:** Parker, Steve; Jackson, Mark; John R. Miller Jr.; bob@venuworks.com  
**Subject:** Scoreboard/Video Board Proposal Review

John and Gerry,

We have reviewed the Scoreboard/Video Board Proposals with the assistance of our A/V Consultant BAI. We only reviewed the information contained in the Daktronics and TS Sports Proposals as those two proposals have the lowest value and the other Proposals received are significantly higher, ANC Sports, and Capturion Network, or are incomplete, Panasonic Enterprise Solutions provided no bid bond or pricing for the Broadcast Video Production.

Based on our review we offer the following comments.

**Daktronics**

Base Bid for the smaller center hung scoreboard/video board - \$ 519,268, it does not include the 5 year warranty which is broken out separately

Add for 5 year warranty	<u>- \$ 52,926</u>
Total for Base Bid board package and 5 yr warranty	\$ 572,194
Larger center hung video board – base bid	\$ 519,268
Add for upsizing to larger center hung board (Alt #12)	\$ 190,612
5 year warranty for larger board	<u>\$ 77,204</u>
Total for Larger Board and 5 year warranty	\$ 787,084
Marquee Video Board (to site but not installed) (Alt #13)	\$ 91,341
Broadcast Production and Cabling (Alt #14)	\$ 165,153
Total for Base Board Package, Marquee, and Production Items	\$ 828,688
Total for larger board (Alt #12), Marquee and Production Items	\$ 1,043,578

Note: That the Daktronics proposal provides their proprietary control software which is not the Cross Fire Software utilized. Many facilities operate on the Daktronics software, including some other board manufacturers. However, if the Cross Fire software is required it would add \$73,268. The back up controller and second touch screen proposed are Voluntary Alternates which are not required. The stand alone production intercom in Alt #14 is not required as the production intercom system specified in Section 274116 can be extended to the video control room. It would need additional belt packs and headset to accommodate the additional connectivity.

**TS Sports**

Base Bid for smaller center hung scoreboard/video board	\$ 737,056.45 (includes 5 year warranty)
Larger center video board	
Base Bid Board Price	\$ 737,056.45
Add for Larger Center Hung video board (Alt # 12)	<u>\$ 152,872.80 (includes 5 year warranty)</u>
Total for larger board	\$ 889,929.25
Marquee Video Board (Alt #13)	\$ 173,013
Broadcast Video Production (Alt #14) discussion by BAI there is production	no price (in review of the proposal and follow up equipment Included in their base
bid. A value was given to BAI but this information is	

Proposal, and would be a post-bid clarification. A list provided with the attached BAI letter because it does not include the Cross Fire software because that is what TS

not available from review of the of the equipment has been appear to be complete. It Sports provides).

Total for Base Board Package, Marquee production equipment if needed, see note above)

\$ 910,069.45 (without add for

Total for larger center hung video board, marquee equipment if needed )

\$ 1,062,422 (without add for production

Production Equipment – As described above the TS Sports bid does not provide a price for Alternate #14, although their claim is that it is included in their base price and some equipment is listed. Review of the proposed equipment is requested of the video production staff, as the quality of the equipment varies. I cannot comment on the impact of TS Sports failure to provide an Alternate #14 price, so the values can be compared, and whether this causes the Proposal to be non-responsive. For the smaller center hung board Daktronics is lower, even if the operator requires the Click Effects, Cross Fire and Blaze software. For the larger board the TS Sports is lower if the Crossfire software is required and the production equipment issue is resolved.

In addition to the items above, the center hung scoreboard hoisting system should be verified as an industry standard permanent arena hoisting system, as appropriate for mounting on the winch deck provided.

Both Proposals, with associated work, electrical, structural rigging member additions, dependent upon the supplier, and the marquee structure, would appear to fit within the allocated budget, but we do not have complete costs for the related items.

In order for a recommendation to be made, we need the review of the Production equipment by the video production staff, the proprietary Daktronics vs. Click Effects software resolved, and an Owner/CM decision on the TS Sports lack of a proper Alternate # 14 price.

Please let me know if you need additional information or when additional evaluation comments are available.

**William E. Merrill, AIA**  
Vice President, Director of Sports & Assembly

**LEO A DALY** PLANNING ARCHITECTURE ENGINEERING INTERIORS  
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*EXCELLENCE BEYOND EXPECTATIONS*



May 3, 2010

Bill Merrill  
Leo A. Daly  
2925 Briar Drive, Suite 500  
Houston, TX 77042-3446

Re: BREC Section 274200 Electronic Digital Systems Bid Review

Bill,

We have reviewed the bids submitted by Daktronics and TS Sports and offer the following comments:

1. TS Sports

- A. Base Bid – \$737,056.45
- B. Alternate #12 - \$152,872.80
- C. Alternate #13 - \$173,013.00
- D. Alternate #14 – No bid was included on the bid form. However I have been informed by TS Sports that the fee for this alternate was inadvertently included in their Base Bid in the amount of \$152,785.00.
- E. An equipment list associated with Alternate #14 has been supplied by TS Sports. This equipment list has been attached for review by the owner's representatives.
- F. TS Sports bid tabulation includes a 5 year warranty for all video displays.

2. Daktronics

- A. Base Bid - \$519,268.00
- B. Alternate #12 - \$190,162.00
- C. Alternate #13 – \$91,341.00
- D. Alternate #14 - \$165,153.00 Equipment list associated with Alternate #14 has been included in Daktronics bid tabulation. Note: The separate and stand alone production intercom system listed in Alternate 14 is not needed. The production intercom system currently specified in Section 274116 can be extended to the video control room. Additional belt packs and headset would have to be acquired to accommodate the additional connectivity. The



owner's representatives should review the Alternate 14 equipment list to insure that it meets their needs and standards.

- E. Daktronics bid tabulation includes a 2 year warranty for all video displays. Should the owner elect to incorporate the 5 year warranty into this system the Base Bid would increase by \$52,926.00. If Alternate 12 is taken then the up charge will be \$77,204.00.
- F. Daktronics base bid does not include the specified video control system. 60%-65% of industry professionals consider the Click Effects Crossfire and Blaze system to be industry standards. The Daktronics control system is proprietary and these same industry professionals indicate that it's cumbersome to operate. Adding an additional \$73,268.00 to Daktronics base bid (to meet the published specification) would increase their bid to \$592,536.00.

We take no objection other than the comments listed above to the bids presented for our review.

Feel free to contact me should you have any questions or concerns.

Regards,

John R. Miller Jr.  
Principal

Part #	Description	Qty.
Crossfire - Single	ClickEffects SDI Single Channel Crossfire	1
Blaze	Click Effects Fascia Board Controller	1
SG-2B/N	Burst Electronics Black Generator	1
AG-MX70	Panasonic 8-Input Video Mixer	1
EVF-4CQ	Everfocus Color Video Quad Processor	2
Rainier 4a	Avitech 4 Input Multi-View Processor	1
MSG42VIDMON	Brand TBA 42" Color LCD Composite Video Monitor	1
XL2	Canon XL2, 3CCD Chip Camera	3
ZC3DV	Libec Rear Lens Control	2
LS-55	Libec Tripod System	2
ANQRXLH	Anton Bauer Gold Mount Bracket (QRDSR)	3
MISC	Anton Bauer Tandem 70 On-Camera Power Supply	2
Dionic 90	Gold-Mount Battery	2
Sport40	BUF Technology 40 GB Hard Disc Replay System	1
VS4X1	Burst Electronics Four Input Routing Switcher	1
RM-4	Rack Mount for Burst VS4X1 Switcher	1
MSG15VIDMON	Brand TBA 15" Color LCD Composite Video Monitor	1
EVF-4CQ	Everfocus Color Video Quad Processor	1
SRDVM700US	JVC Mini DV/DVD Recorder/Player Combo with 250GB HDD	1
OMX-7015	Ocean Matrix 1X5X5 Composite Video Distribution Amplifier	3
PC-100	Anchor Audio PortaCom Power Console	1
BP-200	Porta Com 2 Channel Belt Pack	8
H-200S	Anchor PortaCom Single Ear Headset	8
MIX-5S	Whirlwind Stereo Audio Mixer	1
RM-2	Fostex Rack Mount Stereo Speakers	1
MDV-DSK	Middle Atlantic Professional Rack Table	3
WRK-44SA-27	Middle Atlantic 44 space 27" Stand Alone Rack	1
CBS-WRK-27	Middle Atlantic Skirted Wheelbase	1
SPN-44-312	Middle Atlantic Pair of Side Panels for MRK-4431 and WRK-44-32	1
MW-VT	Middle Atlantic Vented Top for WRK, MRK, VRK, VMRK Racks	1
MSGSHIP	MSG Shipping Charges	1
MSGCABLE	Miscellaneous, Cables, Connectors & Hardware	1
MSGLABOR	Installation, Travel & Training	1
MSGTRAINING	On-Site 1st Event Support	1