#### METROPOLITAN EXPOSITION RECREATION COMMISSION

#### Resolution No. 04-10

For the purpose of approving an agreement with Clarity Visual Systems, Inc. for digital display signage at the Oregon Convention Center, and authorizing the General Manager to execute the agreement.

WHEREAS, the Metropolitan Exposition-Recreation Commission desires to obtain a digital display signage system for the Oregon Convention Center in order to assist visitors find locations and events in the building, and also in order to generate advertising revenue from advertising displayed on the signs; and

WHEREAS, digital display signage systems consist of display screens, computer hardware, and computer software; and

WHEREAS, the Metropolitan Exposition-Recreation Commission has the authority to purchase computer hardware and software after issuance of a Request For Proposals; and

WHEREAS, the Metropolitan Exposition-Recreation Commission has the authority to enter into sponsorship contracts provided that quotes are obtained from three potential sponsors, or good faith efforts to obtain such quotes are documented; and

WHEREAS, the Oregon Convention Center staff issued a Request For Proposals to secure a digital display sign system at the OCC, and included in the RFP a request for sponsorship proposals; and

WHEREAS, four proposers submitted proposals, and

WHEREAS, Clarity Visual Systems, Inc. submitted a proposal to sell a digital display sign system to the Oregon Convention Center at a discounted price, and proposed, among other terms, that MERC regularly show on the sign system an advertisement for Clarity products; and

WHEREAS, the terms proposed by Clarity Visual Systems, Inc. will generate necessary operating revenues for the Oregon Convention Center, and the selection of Clarity Visual Systems, Inc. will enhance these revenue-generating abilities, and;

WHEREAS, the Oregon Convention Center recommends selection of Clarity Visual Systems, Inc. as the most responsive proposer to provide a digital display sign system.

BE IT THEREFORE RESOLVED that the Metropolitan Exposition Recreation Commission approves the agreement, in a form substantially similar to the attached Exhibit A, with Clarity Visual Systems, Inc. and authorizes the General Manager to execute the agreement on behalf of the MERC Commission.

Passed by the Commission on June 23, 2004

Approved as to Form:

Daniel B. Cooper, General Counsel

Lisa Umscheid

Sr. Assistant Counsel

Chair

Secretary/Treasurer

#### MERC STAFF REPORT

**Agenda Item/Issue:** Approval of the Agreement with Clarity Visual System for digital display signage at the Oregon Convention Center and authorizing the General Manager to execute the agreement.

Resolution No.: 04-10

**Date:** June 23, 2004

Presented by: Jeffrey A. Blosser

Background and Analysis: The Oregon Convention Center has been working on getting the sponsorship package approved since the OCC expansion to provide high quality digital signage in 12 different locations throughout the Oregon Convention Center. These signs would provide advertising opportunities and compliment the way finding system throughout the Center. Staff has reviewed four proposals submitted and selected Clarity Visual systems proposal as the most responsive to the Center's needs. The sponsorship package has a value to MERC of \$92,400 reduction of costs for the system and Clarity Visual Systems will get exclusive digital signage in the Center, 10% of advertisements sold on the system, and one 15 second spot in the advertising loop for a five year term. OCC will receive a state of the art digital display system to enhance way-finding and provide advertising revenue to the OCC operation.

Staff has submitted three financial strategies for the MERC Commission to select from which are attached to this report for reference. The revenue from this new system is expected to be over \$300,000 for the five year period from this agreement.

Financial Impact: The Clarity Visual System cost of \$181,250 to either be taken out of fund balance or financed over time per the Commission's direction to staff. Pay back from annual review could be a little over three years.

**Recommendation:** Staff recommends approval of the Agreement with Clarity Visual Systems for digital display signage at OCC, per the attached Agreement to the resolution, and requests the MERC Commission to direct the General Manager to execute the Agreement.

#### leff Blosser

rrom:

Casey Short

Sent:

Wednesday, April 28, 2004 9:33 AM

To:

Jeff Blosser

Cc: Subject: Karen Feher; Kathy Taylor Financing



Lease

Attached is a spreadsheet showing estimated costs of a couple of options for financing the video project you're contemplating. There are scenarios for 3-year financing and 5-year financing, from the Special Districts Association (SDAO) through their capital lease program, and from Key Bank. (If we went with a bank financing, we'd solicit bids from various banks.) The costs include estimated up-front costs for bond counsel and financial advisors, which is why the principal is more than the amount you said the project would cost. In SDAO's case, there are some additional costs they charge (and the banks don't) which raise the principal amount. The timing of payments and the structuring of the debt are just examples - we could adjust some as needed - but this gives you an idea.

For the broadest overview, see the "Summary" sheet that just gives annual payment info for the 4 options. The other sheets contain more detail. Let me know of any questions.

	3 Years		5 Years		
	SDAO	Bank	SDAO	Bank	
Year	Total Payment	Total Payment	<b>Total Payment</b>	Total Payment	
2004-05	50,163	49,906	31,345	31,068	
2005-06	44,227	45,985	26,656	28,083	
2006-07	45,680	45,680	29,374	27,994	
2007-08		•	. 27,346	26,947	
2008-09	. •		25,349	25,908	
TOTAL	140,070	141,571	140,070	140,000	

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#### Jeff Blosser

rom:

Casev Short

Sent:

Tuesday, April 27, 2004 1:00 PM

To:

Jeff Blosser

Cc:

Karen Feher; Kathy Taylor

Subject:

Update,

Per your request to have some numbers run on annual payments for \$140,000 in capital for an OCC Video Display System, Chip Pierce has gotten an estimate from Key Bank, but is running into glitches getting good numbers from the Special Districts Association for their capital lease program. What he's come up with so far from the bank are rates of 3.2% for 36 months and 3.7% for 60 months, with approximate annual payments of \$50,000 and \$31,000, respectively. SDAO will have lower rates, but there are more costs; the only additional costs for a bank loan would be for a legal opinion from bond counsel and Financial Advisor costs. I understand there's no Commission meeting tomorrow, so the urgency may not be as great, but I still hope to have more numbers for you this afternoon or Wednesday morning.

# PURCHASE AGREEMENT FOR DIGITAL VISUAL MESSAGE DISPLAY SYSTEM AT THE OREGON CONVENTION CENTER

This Purchase Agreement is entered into effective	, 2004, by and
between Clarity Visual Systems, Inc., an Oregon corporation	with its principal place of business
at 27350 SW 95th Ave., Suite 3038, Wilsonville, Oregon 970	70-7709 ("Clarity") and the
Metropolitan Exposition-Recreation Commission, an Oregon	government entity, with its
principal place of business at 777 NE Martin Luther King Jun	ior Blvd., Portland, Oregon 97232-
2742 ("MERC").	

#### RECITALS

- A. MERC is a commission of Metro, and is authorized by Chapter 6 of the Metro Code to renovate, maintain, operate, and manage the Oregon Convention Center.
- B. MERC desires to purchase a high-quality digital visual message display system, consisting of computer hardware, software, and display screens, for installation at the Oregon Convention Center.
- C. Clarity sells digital visual message display systems and provides content development services for the production of promotional sequences and informational messages to be presented on such systems.

In consideration of the mutual promises, covenants, and conditions hereinafter contained, the parties agree as follows:

#### **AGREEMENT**

- 1. <u>Term.</u> The term of this agreement shall be five (5) years, commencing on June 24, 2004, and concluding on June 23, 2009, unless terminated as provided in this Agreement.
- 2. Purchase of Digital Visual Message Display System. Clarity shall sell and MERC shall purchase the displays and related equipment, and software license (the "Display System") and the services described on Schedule 1, attached hereto and incorporated by this reference, for the Purchase Price of \$181,250 (the "Purchase Price") for installation and use at the Oregon Convention Center ("OCC") at 777 NE Martin Luther King Junior Blvd. in Portland, Oregon. The software license shall be in the form attached hereto and incorporated by this reference.
- 3. MERC's Payment of Purchase Price.
  - 3.1 <u>First Payment</u>. Upon MERC's execution of this Agreement, MERC shall pay Clarity a payment equal to \$31,250.

- 3.2 <u>Payment Upon Installation</u>. Upon substantial completion of the Display System installation, or on July 31, 2004, whichever is later, MERC shall pay Clarity \$100,000.
- 3.3 Payment Upon Training. Upon substantial completion of training of MERC personnel, or on August 31, 2004, whichever is later, MERC shall pay Clarity the final \$50,000 of the Purchase Price.
- 3.4 <u>Failure to Pay Purchase Price</u>. If MERC fails to pay Clarity any part of the Purchase Price when due, interest shall accrue at the rate of five percent (5%) per annum and be paid to Clarity in addition to the unpaid amount.

#### 4. Additional Consideration.

- 4.1 Clarity Advertising On The Display System. In addition to the paying Clarity the Purchase Price, MERC shall regularly show, on a schedule to be determined by MERC, a 15-second advertisement for Clarity along with other scheduled displays. Clarity may supply a new version of that advertisement from time to time. When required by event-related needs, if appropriate and agreed to by Clarity in advance, MERC may temporarily and briefly omit the Clarity advertisement.
- Royalty On Net Advertising Revenue. In addition to paying Clarity the Purchase Price, MERC shall also pay Clarity ten percent (10%) of all net revenues actually received by MERC during the term of this agreement for sales of advertisements shown on the Display System ("Royalty" or "Royalties"). "Net revenues" shall mean cash actually received by MERC from advertisers, paid to MERC for the specific purpose of purchasing display time on the Display System, minus any sales commissions paid by MERC to any third party for the sale of the advertisements, minus any fees paid by MERC to Clarity for content development work on the advertisement (if applicable). MERC shall pay these Royalties within 30 days after the end of each calendar quarter, based upon revenues from the sales of advertisements actually received during that calendar quarter, along with a written report showing the sales and revenues from advertising for that quarter, and the calculation of the Royalties.
- 5. <u>Installation</u>. Clarity will supervise the installation of the Display System at OCC at dates and times in the June 24 through July 15, 2004 time period mutually agreed by the parties, using its usual and customary installation methods. MERC shall provide all physical labor and, if necessary, lift equipment necessary for installation, along with materials necessary to attach the Display System to the building structure. The cost of this installation supervision is included in the Purchase Price. MERC shall also be responsible, at its expense, for preparing the site and rendering it suitable for installation, including the removal of any existing signage or displays and any other obstacles, waste

or debris. MERC shall also be responsible, at its expense, for providing the necessary power, telephone lines, and network cabling required to operation the Display System. MERC will house/locate all Digital Media Controller PCs necessary to operate the Display System in a single, appropriate, centralized location in the OCC.

# 6. <u>Clarity's Guarantee of Availability of Labor, System Enhancements And Upgrades, And Parts.</u>

- 6.1 Continued Support For Display System For Term Of Agreement. Clarity represents that the Display System components will continue to be part of Clarity's product line for the term of this Agreement. Clarity agrees that it shall continue to support the Display System throughout the term of this Agreement at a level sufficient to allow MERC to operate the system in first-class working order. At no cost to MERC, Clarity shall provide MERC with any system enhancements or software upgrades necessary to maintain the system at a fully operational level throughout the term of this Agreement.
- System Maintenance. For the term of this Agreement, MERC shall use Clarity 6.2 for all maintenance work that it chooses not to perform itself, and shall purchase from Clarity all replacement lamps and other replacement parts, as necessary to maintain the Display System in first-class working order. Clarity shall bill MERC for such work and replacement parts on a time and materials basis at the rates and prices stated in the attached Schedule 2. The rates and prices stated on Schedule 2 shall not increase in any year during the term of this Agreement by more than the lesser of Clarity's actual price or rate increase, or any increase in the Consumer Price Index for Urban Consumers ("CPI-U") (an average of January to June and July to December) for the Western Region, all items (1982 to 1984 = 100), published by the Bureau of Labor Statistics, U.S. Department of Labor. Clarity shall perform all such maintenance work in a competent and professional manner. Clarity shall provide maintenance labor, when requested by MERC, within two business days after notification from MERC. Clarity shall use its best efforts to provide maintenance labor on weekends or after standard business hours.
- 6.3 Royalty Reduction. If Clarity fails to repair the Display System or to supply requested parts within two business days after being notified by MERC of maintenance or repair needs, MERC may deduct from any Royalties due to Clarity one hundred percent (100%) of the advertising revenue lost by MERC because the Display System, or any part thereof, could not display advertising, but such Royalty reduction shall not exceed three months' Royalties.
- 7. Advertising Content. During the term of this Agreement, MERC shall either itself create and manage all content to be displayed on the Display System, or it will contract exclusively with Clarity to provide those services, in which event Clarity shall charge MERC the rates set forth in Schedule 3. The rates and prices stated on Schedule 3 shall not increase in any year during the term of this Agreement by more than the lesser of Clarity's actual price or rate increase, or any increase in the Consumer Price Index for

Urban Consumers ("CPI-U") (an average of January to June and July to December) for the Western Region, all items (1982 to 1984 = 100), published by the Bureau of Labor Statistics, U.S. Department of Labor. Clarity shall perform any such content development and management work in a competent and professional manner.

- 8. <u>Shipping Costs.</u> The Purchase Price includes delivery of the Display System to the OCC.
- 9. <u>Title/Risk of Loss</u>. Title to the Display System delivered hereunder shall pass to MERC upon substantial completion of the Installation.

#### 10. Limited Warranty/Limitations on Liability.

- 10.1 Limited Warranty. Clarity warrants to MERC that the Display System hardware listed in Schedule 1 (the "Product"), if properly used and serviced, will perform substantially in accordance with the product data sheet and users manual, and will be free from defects in material and workmanship for one year following date of shipment. This warranty does not apply to lamps (see following section for lamp warranty) and other consumable parts, or to any other elements of the Display System.
- 10.2 <u>Warranty On Lamps And Consumable Parts</u>. The main illumination lamp is considered a consumable and is warranted against failure for 30 days from the date of Installation. The replacement of all consumable parts is MERC's responsibility.
- Clarity's Liability. If any Product fails to conform to the written warranty, Clarity's exclusive liability and MERC's exclusive remedy will be, at Clarity's option, to repair, replace or credit MERC's account with an amount equal to the price paid for any such defective Product returned by MERC during the warranty period, provided that: (a) MERC promptly notifies Clarity in writing that such Product failed to conform, furnishes an explanation of any alleged deficiency and obtains from Clarity a return authorizations; and (b) Clarity reasonably determines that claimed deficiencies actually exist and were not caused by accident, misuse, neglect, alteration, improper installation, repair or improper testing. Clarity will have a reasonable time to make repairs, to replace Products or to credit MERC's account.
- 10.4 <u>Limitations</u>. The foregoing written warranty is in lieu of all other warranties, express or implied. Clarity neither assumes nor authorizes any other person to assume any other liabilities in connection with the sales or use of any product without limitation. Clarity disclaims all other warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose, or any warranty for any component of the Display System other than the Product.

- 10.5 <u>Limitation On Damages</u>. In no event will Clarity be liable to MERC or any other party for procurement costs, loss of use, or for any other incidental, consequential, indirect or special damages, however caused, or for punitive or exemplary damages. Clarity's liability shall be limited to actual direct damages not in excess of amounts paid to Clarity by MERC for the Product. This limitation will apply to all claims, including, without limitation, warranty, contract, tort (including negligence), strict liability or otherwise. Nothing in this paragraph, however, shall limit Clarity's obligation to indemnify MERC, as provided in paragraph 11 of this Agreement.
- 11. <u>Indemnification</u>. Clarity shall indemnify and hold MERC, its agents, employees, and elected and appointed officials harmless from any and all claims, demands, damages, actions, losses and expenses, including attorney's fees, arising out of or in any way connected with its performance of this Agreement, or with any patent infringement or copyright claims arising out of the use of the Display System by MERC.
- 12. <u>Right to Withhold Payments</u>. MERC shall have the right to reasonably withhold from payments due to Clarity such reasonable sums as necessary, in MERC's sole opinion, to protect MERC against any loss, damage, or claim which may result from Clarity's performance or failure to perform under this Agreement.
- 13. Default. Clarity shall be in default of this Agreement if Clarity fails to perform any of the obligations imposed by this Agreement, materially breaches any provision of this Agreement, dissolves or ceases doing business as a going concern or becomes insolvent or bankrupt, including, but not limited to, failing to continue to support the Display System or failing to provide, when requested by MERC, adequate maintenance services to keep the system operating in first-class condition. If any such default occurs, Clarity shall have five (5) business days to cure the breach after receipt of notice of default. In the event that Clarity fails to cure the default within the time period specified in this paragraph, MERC may have one or more of the following remedies, in its reasonable discretion: (1) Terminate this Agreement by giving Clarity written notice of such termination; (2) Pursue any other remedies available to MERC either at law or equity. No single or partial exercise of a right or remedy shall preclude any other or further exercise of a right or remedy; and (3) MERC may withhold and apply, without the necessity of resorting to any legal action to any claim it may have against Clarity all sums, including but not limited to advertising royalties, that may be in the possession of MERC.

### 14. <u>Insurance</u>.

- 14.1 Clarity shall purchase and maintain at Clarity's expense, the following types of insurance covering the Clarity, its employees and agents:
  - 14.1.1 Broad form comprehensive general liability insurance covering personal injury, property damage, and bodily injury with automatic coverage for premises and operation and product liability shall be a minimum of

- \$1,000,000 per occurrence. The policy must be endorsed with contractual liability coverage. MERC, its elected and appointed officials, departments, employees and agents shall be named as an ADDITIONAL INSURED.
- 14.1.2 Automobile bodily injury and property damage liability insurance. Insurance coverage shall be a minimum of \$1,000,000 per occurrence.

  MERC, its elected and appointed officials, departments, employees, and agents shall be named as an ADDITIONAL INSURED. Notice of any material change or policy cancellation shall be provided to MERC thirty (30) days prior to the change.
- This insurance as well as all workers' compensation coverage for compliance with ORS 656.017 must cover Clarity's operations under this Agreement, whether such operations be by Clarity or by any subcontractor or anyone directly or indirectly employed by either of them.
- 14.3 Clarity shall provide MERC with a certificate of insurance complying with this article and naming MERC as an additional insured within fifteen (15) days of execution of this Agreement or twenty-four (24) hours before services under this Agreement commence, whichever date is earlier.
- Complete Agreement. This Agreement constitutes the entire Agreement of the parties with respect to the subject matter hereof, and supersedes all prior oral and written agreements and understandings relating thereto. No representation, condition, understanding, statement of intent or agreement of any kind, oral or written, shall be binding upon the parties unless set forth or specifically incorporated herein.
- Modifications. This agreement may only be modified or amended by a written instrument signed by an authorized representative of each party. Any acquiescence in any performance at variance with the provisions of this Agreement or any failure to exercise any right, or enforce any obligation hereunder, by either party shall not be construed as a modification or amendment. Any purchase order issued by MERC shall be deemed subject to the terms of this Agreement whether or not such purchase order specifically references this Agreement.
- 17. <u>Assignment</u>. Neither party may assign any of its rights or obligations pursuant to this Agreement without the prior written consent of the other party.
- 18. <u>Jurisdiction and Governing Law</u>. The parties agree that all disputes in any way relating to, arising under, connected with or incident to this Agreement shall be litigated, if at all, solely and exclusively in the Circuit Court located in Portland, and, if necessary, their respective corresponding appellate courts. The parties further agree to forebear

from filing a claim in any other country or jurisdiction and expressly submit themselves to the personal jurisdiction of the State of Oregon. The performance and construction of this Agreement shall be governed by the substantive laws of the State of Oregon without regard to conflict of law provision.

- 19. <u>Binding Effect</u>. This Agreement shall be binding upon and shall inure to the benefit of the parties hereto, their respective successors and permitted assigns.
- **Force Majeure.** Neither party shall be liable for any delay or failure to perform which is caused by strikes, riots, insurrection, fires, floods, storms, earthquakes, acts of God, war, governmental action, labor conditions, or other causes beyond its reasonable control. The failure by MERC to make any payment required under this Agreement shall not be excused under this force majeure provision.
- 21. No Waiver. The delay or failure of either party at any time or times to require performance of any provision hereof shall in no manner affect or constitute a waiver of such party's right at a later time to enforce such provision. No delay or failure of either party in exercising any right hereunder shall constitute a waiver of such right or any other rights hereunder.
- 22. Severability. In the event that one or more of the provisions contained in this Agreement shall for any reason be held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provisions contained in this Agreement.
- 23. Attorney Fees. If a suit, action or other proceeding of any nature whatsoever (including any contested matter or adversary proceeding under the U.S. Bankruptcy Code) is instituted in connection with any controversy arising out of this Agreement or to interpret or enforce any rights hereunder, the prevailing party shall be entitled to recover its attorneys', paralegals', accountants' and other experts' fees, and all other fees, costs and expenses actually incurred in connection therewith, including the value of time expended by in-house counsel, as determined by the judge at trial or on appeal or review, in addition to all other amounts provided by law. The prevailing party shall also be entitled to recover its post-judgment attorney fees and all other fees, costs and expenses incurred in attempting to collect on the judgment.

CLARITY VISUAL SYSTEMS, INC.	METROPOLITAN EXPOSITION- RECREATION COMMISSION			
Ву:	Ву:			
Title:	_ Title:			
Date:	Date:			

#### Schedule 1



Clarity has designed a digital signage network for MERC which consists of a combination of large screen high-resolution flat panel displays, along with the required computers and networking infrastructure to facilitate centralized control from MERC's administrative offices.

Clarity shall supply the following hardware:

- A total of 42 Clarity "Leopard" displays. A minimum of twenty-one (21) displays shall be new (not used or refurbished) displays\*
- 5 Clarity "Digital Media Controllers"
- > 21 Clarity "Long Distance Courier" video networking controllers
- > 1 On-hand space parts inventory

\*Any used displays will be taken from Clarity's current Dealer Demo inventory, and will be sent through Clarity's production quality assurance process and refurbished to their original factory specifications prior to deployment.

In connection with the hardware, Clarity will also provide:

A license to use Clarity's "SignSuite" software on the 5 "Digital Media Controllers," a copy attached to the Agreement.

Once the hardware and software are installed, Clarity will also provide the following services:

- > Up to 10 days of on-site installation supervision and assistance as required to get the system up and running and fully functional.
- > Pre-configuration and testing for al PCs and video networking controllers.
- > Up to 12 hours of on-site training for our SignSuite sequencing/scheduling/playback software.

## Schedule 2



The following is a non-binding estimate of the maintenance costs for the first five years for the Display System Clarity is selling to MERC.

Year 1:		None
Year 2:	Maintenance/replacement parts	\$5,000
Year 3:	Maintenance/replacement parts	\$5,000 \$14,000
Year 4:	Maintenance/replacement parts	\$5,000
Year 5:	Maintenance/replacement parts	\$5,000 \$14,000

## Schedule 2



# Labor Rates

Part #:	Description:	Price:
SG-001	Travel	\$500/day + Out-of-Pocket Travel Expenses
SG-002	Needs Analysis	\$1,000/day (billable in ½ day increments, plus Travel)
SG-003	System Design Documentation	\$125/hour + Travel
SG-004	Installation and Maintenance Services	\$1,000/day (billable in ½ day increments, plus Travel)
SG-005	On-Site Product & Software Training	\$1,000/day (billable in ½ day increments, plus Travel)
SG-006	Custom Services	Contract Solutions Group for a quote



### Leopard (VN-3820-VA)

Effective March 2004
Prices And Part Numbers
Are Subject To Change

#### Field Replaceable Unit List

	r Description	List Price	Exchange Cost	Reimbursem
ackadino	ind Accessories			
70-0032	Users Manual	\$3		
70-0033	Service Manual	\$3		<del></del>
81-0001	External AC Power Cable - U.S. 120V, 3 meter	\$32		
75-0011	External VGA Cable - 15 pin, 3 meter	\$38	3	
55-0005	Remote Control	· \$41		
50-0501	Complete Accessory Kit	\$298		
990-0132	Wall Mounting Bracket Set And Bolts	\$115		
onsumable	Paris 1997 1997 1997 1997 1997 1997 1997 199			
9-0007	Pleated Air Fitter	\$28	A-100 Sept. 15 (2.50 Company)	
1-0068	Polarization Beam Splitter (PBS)	\$267		\$25
0-0063	100W Lamp With Oval Connector - for all Leopard serial numbers that do not end with -C (for all Leopards sold prior to Aug 2003 and some sold after that date)	\$605		
0-0173	100W Lamp With Rectangular Connector - for all Leopard serial numbers that end with -C (for some Leopards sold after Aug 2003)	. \$605		
0-0157	Box Of 50 Pleated Air Filters	\$1,100		
ins to the		Land the second and the second		
0-0073 0-0118	Lamp Cooling Fan PBS Cooling Fan Kit	\$33	<u> </u>	\$38
		\$30	<u> </u>	\$25
temal Cabl				
0-0080	Internal Cable Kit (all serviceable cables used Inside the display)	\$103		4
175-0081	AC Input to Switch Cable	\$13		\$50
175-0082	AC Ground Cable	\$13		\$50
175-0083	LCD Data Cable	\$40	<u>:</u>	\$13
175-0084 175-0085	Interlock Harness DC Power Cable	\$17	ļ <u>-</u>	\$50
175-0085	Ballast Control Cable	\$13	<del></del>	\$15
175-0087	AC Input to Power Module Cable	\$18 \$17	<del></del>	\$25
175-0088	Ballast Power Cable	· \$18	-	\$50 \$25
		· 418	the distance of the same of th	
riches and				
-0148	AC Input Socket .	\$15		\$50
-0149	AC Power Loop-Thru Socket .	\$13		\$50
-0069 .	AC Power Switch	\$17		\$50
-0071 .	Lamp Door Interlock Switch	\$17	T	\$50
wer Module	and Ballast			
-0065	Power Module	\$308	\$229	\$25
-0066	Lamp Ballast Module With Oval Connector - for all Leopard serial numbers that do not end with -C (for all Leopards sold prior to Aug 2003 and some sold after that date).	\$721	\$396	\$25
-0502	Lamp Ballast Module With Rectangular Connector - for all Leopard serial numbers that end with -C (for some Leopards sold after Aug 2003)	\$721	\$396	\$25
ctronics				01-13-15-15-15-15-15-15-15-15-15-15-15-15-15-
				C42031300
0064 0070	Electronics Module IR Sensor Board With Cable	\$728	\$313	. \$50
0070	IIK Sensor Board With Cable	\$47		\$25
een .				20 STATE OF THE PARTY
0003	Screen Latch, Male (mounted on chassis)	\$13		\$13
0013	Screen Latch, Female (mounted on screen)	\$19		\$25
0072	High Gain (Standard Contrast) UCS Screen Assembly (SCN-3820-AG)	\$995		\$13
ics 1				
0061	Sharp Optical Engine - Originally in product with serial numbers CooCococc and CooCococc. This engine has a label on it with the part number 3797007800. 990-0087 can not be used as a substitute unless all adjacent displays have the same optical engine. If the 990-0087 is substituted, the	\$3,597	\$1,667	\$50
	display must have firmware revision B or higher.	Į	j	-
1-0068	display must have firmware revision B or higher. Polarization Beam Splitter (PBS)	\$267		. \$25
01-0068 0-0033	display must have firmware revision B or higher. Polarization Beam Splitter (PBS) LCD Interconnect Board	\$267 \$37		\$25 \$25
01-0068 '0-0033 '0-0067	display must have firmware revision B or higher. Polarization Beam Splitter (PBS) LCD Interconnect Board Thermal Switch	\$37 \$20		\$25 \$25 \$15
01-0068 '0-0033 '0-0067 '0-0068	display must have firmware revision B or higher, Polarization Beam Spitter (PBS) LCD Interconnect Board Thermal Switch Thermal Sensor Board	\$37 \$20 \$73		\$25
01-0068 70-0033 10-0067 10-0068 10-0073	display must have firmware revision B or higher, Polarization Beam Splitter (PBS) LCD interconnect Board Thermal Switch Thermal Sensor Board Lamp Cooling Fan	\$37 \$20 \$73 \$33		\$25 \$15 \$15 \$38
01-0068 0-0033 0-0067 0-0068 0-0073 0-0118	display must have firmware revision B or higher. Polarization Beam Splitter (PBS) LCD Interconnect Board Thermal Switch Thermal Sensor Board Lamp Cooling Fan PBS Cooling Fan füt	\$37 \$20 \$73	-	\$25 \$15 \$15
01-0068 '0-0033 0-0067 0-0068 0-0073 0-0118	display must have firmware revision B or higher.  Polarization Beam Splitter (PBS) LCD Interconnect Board Thermal Switch Thermal Sensor Board Lamp Cooling Fan PBS Cooling Fan Kit NEC Optical Engine - Originally in product with serial numbers Cool-bococ, Cood-Coococ and Cooch-ACcococ, This engine has a label on it with the part number 3797011100. 990-0081 can not be used as a substitute unless all adjacent displays have the same optical engine.	\$37 \$20 \$73 \$33 \$30 \$3,597	\$1,667	\$25 \$15 \$15 \$38 \$25 \$50
01-0068 '0-0033 00-0067 0-0068 0-0073 0-0118 087	display must have firmware revision B or higher. Polarization Beam Splitter (PBS) LCD interconnect Board Thermal Switch Thermal Sensor Board Lamp Cooling Fan PBS Cooling Fan Kit NEC Optical Engine - Originally in product with serial numbers Cool-booox, Cood-Coocox and Cood-IACocoox. This engine has a label on it with the part number 3797011100. 990-0081 can not be used as a substitute unless all adjacent displays have the same optical engine. Polarization Beam Splitter (PBS)	\$37 \$20 \$73 \$33 \$30 \$3,597	\$1,667	\$25 \$15 \$15 \$38 \$25 \$50
01-0068 0-0033 0-0067 0-0068 0-0073 0-0118 0-0073 1-0068 0-0067	display must have firmware revision B or higher.  Polarization Beam Splitter (PBS) LCD interconnect Board Thermal Switch Thermal Sensor Board Lamp Cooling Fan PBS Cooling Fan Kit NEC Optical Engine - Originally in product with serial numbers Cool-booox, Cool-Cooxo and Cool-IACooxoo. This engine has a label on it with the part number 3797011100. 990-0061 can not be used as a substitute unless all adjacent displays have the same optical engine. Polarization Beam Splitter (PBS) Thermal Switch	\$37 \$20 \$73 \$33 \$30 \$3,597	\$1,667	\$25 \$15 \$15 \$38 \$25 \$50 \$25
01-0068 10-0033 10-0067 10-0068 10-0073 10-0073 10-0068 10-0067 10-0068	display must have firmware revision B or higher.  Polarization Beam Splitter (PBS) LCD Interconnect Board  Thermal Switch Thermal Sensor Board  Lamp Cooling Fan PBS Cooling Fan Kit NEC Optical Engine - Originally in product with serial numbers Cool-boooc, Cood-Coococ and Cooch-ACcoococ. This engine has a label on it with the part number 3797011100. 990-0061 can not be used as a substitute unless all adjacent displays have the same optical engine. Polarization Beam Splitter (PBS) Thermal Switch Thermal Sensor Board	\$37 \$20 \$73 \$33 \$30 \$3,597 \$267 \$20 \$73	\$1,667	\$25 \$15 \$15: \$38 \$25 \$50 \$50 \$25 \$15 \$15
01-0068 '0-0033 0-0067 0-0068 0-0073 0-0118 087 1-0068 0-0067 0-0068 0-0068	display must have firmware revision B or higher. Polarization Beam Splitter (PBS) LCD Interconnect Board Thermal Switch Thermal Sensor Board Lamp Cooling Fan PBS Cooling Fan Kit NEC Optical Engine - Originally in product with serial numbers Cool-booox, Cood-Cooox and Cood-IACxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	\$37 \$20 \$73 \$33 \$30 \$3,597 \$267 \$20 \$73 \$33	\$1,667	\$25 \$15 \$15 \$38 \$25 \$50 \$25 \$15 \$15 \$38
01-0068 0-0033 0-0067 0-0068 0-0073 0-0118 087 1-0068 1-0067 1-0068 1-0073 1-0118	display must have firmware revision B or higher.  Polarization Beam Splitter (PBS) LCD Interconnect Board  Thermal Switch Thermal Sensor Board  Lamp Cooling Fan PBS Cooling Fan Kit NEC Optical Engine - Originally in product with serial numbers Cool-boooc, Cood-Coococ and Cooch-ACcoococ. This engine has a label on it with the part number 3797011100. 990-0061 can not be used as a substitute unless all adjacent displays have the same optical engine. Polarization Beam Splitter (PBS) Thermal Switch Thermal Sensor Board	\$37 \$20 \$73 \$33 \$30 \$3,597 \$267 \$20 \$73	\$1,567	\$25 \$15 \$15: \$38 \$25 \$50 \$50 \$25 \$15 \$15

<sup>1 -</sup> Flat rate labor reimbursement only applies warranty repairs made by a Qualified Service Technician representing a Clarity Reseller Partner on displays purchased on or after February 01, 2003.

The display warranty is one 1 year from the date of shipment. The warranty on parts is 90 days from the date of shipment.



# **Content Services Rates**

Part #:	Description:	Price:
CS-001	Production Rates:  • Adobe™ Photoshop™  • Adobe™ Illustrator™	\$75/hour
CS-002	<ul> <li>Construct a dynamic element:</li> <li>Macromedia® Shockwave® and Flash™</li> <li>Digital video files</li> </ul>	\$125/hour
CS-003	Show Production: Position completed production art, select timing, construct and test transition effects and develop site schedules.	\$75/hour
CS-004	Content Management: Preflighting and testing of completed content elements and remote site updates.	Call for quote: (503) 570-0700
CS-005	Programming: Application specific coding for SignSuite's API to facilitate external control of Schedule and Station modules.	\$150/hour

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