



The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at ***wvOASIS.gov***. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at ***WVPurchasing.gov*** with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

## Header 2

## General Information

Contact

Default Values

Discount

Document Information

Procurement Folder: 434710

Procurement Type: Central Contract - Fixed Amt

Vendor ID: 

Legal Name: ORECX LLC

Alias/DBA:

Total Bid: \$22,500.00

Response Date: Response Time: 

SO Doc Code: CRFQ

SO Dept: 0210

SO Doc ID: ISC1800000011

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Solicitation Description: 

Total of Header Attachments: 2



Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	3.1.1 Oreka Total Recording Annual Subscription, or equal	1.00000	EA	\$5,400.000000	\$5,400.00

Comm Code	Manufacturer	Specification	Model #
43222800			

Extended Description : Oreka Total Recording Annual Subscription, or equal 3.1.1 - 3.1.1.13

**Comments:** Oreka TR - Total Recording Annual Subscription.  
 Oreka TR - ANNUAL License (support included).  
 Unit price is \$ 90.00 X 60 licenses for 60 total users. To record up to 60 calls at a time. Total = \$ 5,400.00

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	3.1.2 Support Services	1.00000	EA	\$0.000000	\$0.00

Comm Code	Manufacturer	Specification	Model #
81112201			

Extended Description : Support Services 3.1.2 - 3.1.2.1.6

**Comments:** Support is included with annual licenses.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	3.1.3 Dell PowerEdge T330 Tower Server, or equal	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
43211501			

Extended Description : Hardware 3.1.3 - 3.1.3.1.5

**Comments:** OrecX does not provide hardware. This has been has been stated in our documentation. Customer installs server(s) with operating system (Linux CentOS or Windows) & necessary disk capacity  
 This is a link to our recommended server spec: <http://files.orecx.com/docs/oreka-voip-server-specs.pdf>  
 . For Port mirroring: All traffic requiring recording is port mirrored to the recording server, including signaling and RTP media

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	3.1.4 Implementation Services	1.00000	EA	\$400.000000	\$400.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Implementation Services 3.1.4 - 3.1.4.1

**Comments:** OrecX Implementation Services  
Installation, Configuration &  
testing of recording licenses  
(per server)

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
5	3.1.2.2 Training	2.00000	HOUR	\$250.000000	\$500.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Training 3.1.2.2

**Comments:** OrecX Training.  
90-minute Remote T raining  
Session

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
6	3.1.5 Optional Renewal Year 2 for Support Services	1.00000	EA	\$5,400.000000	\$5,400.00

Comm Code	Manufacturer	Specification	Model #
81112201			

Extended Description : Optional Renewal Year 2

**Comments:** OrecX TR (2nd) second year software support renewal. 60 TR licenses. Includes annual support.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
7	3.1.5 Optional Renewal Year 3 for Support Services	1.00000	EA	\$5,400.000000	\$5,400.00

Comm Code	Manufacturer	Specification	Model #
81112201			

Extended Description : Optional Renewal Year 3

**Comments:** OrecX TR (3rd) third year software support renewal. 60 TR licenses. Includes annual support.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
8	3.1.5 Optional Renewal Year 4 for Support Services	1.00000	EA	\$5,400.000000	\$5,400.00

Comm Code	Manufacturer	Specification	Model #
81112201			

Extended Description : Optional Renewal Year 4

**Comments:** OrecX TR (4th) fourth year software support renewal. 60 TR licenses. Includes annual support.



Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	3.1.1 Oreka Total Recording Annual Subscription, or equal	1.00000	EA	\$5,400.000000	\$5,400.00

Comm Code	Manufacturer	Specification	Model #
43222800			

**Extended Description :** Oreka Total Recording Annual Subscription, or equal 3.1.1 - 3.1.1.13

**Comments:** Oreka TR - Total Recording Annual Subscription.  
Oreka TR - ANNUAL License (support included).  
Unit price is \$ 90.00 X 60 licenses for 60 total users. To record up to 60 calls at a time. Total = \$ 5,400.00

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	3.1.2 Support Services	1.00000	EA	\$0.000000	\$0.00

Comm Code	Manufacturer	Specification	Model #
81112201			

**Extended Description :** Support Services 3.1.2 - 3.1.2.1.6

**Comments:** Support is included with annual licenses.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	3.1.3 Dell PowerEdge T330 Tower Server, or equal	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
43211501			

**Extended Description :** Hardware 3.1.3 - 3.1.3.1.5

**Comments:** OrecX does not provide hardware. This has been has been stated in our documentation. Customer installs server(s) with operating system (Linux CentOS or Windows) & necessary disk capacity  
This is a link to our recommended server spec: <http://files.orecx.com/docs/oreka-voip-server-specs.pdf>  
. For Port mirroring: All traffic requiring recording is port mirrored to the recording server, including signaling and RTP media

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	3.1.4 Implementation Services	1.00000	EA	\$400.000000	\$400.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Implementation Services 3.1.4 - 3.1.4.1

**Comments:** OrecX Implementation Services  
Installation, Configuration &  
testing of recording licenses  
(per server)

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
5	3.1.2.2 Training	2.00000	HOUR	\$250.000000	\$500.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Training 3.1.2.2

**Comments:** OrecX Training.  
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6	3.1.5 Optional Renewal Year 2 for Support Services	1.00000	EA	\$5,400.000000	\$5,400.00

Comm Code	Manufacturer	Specification	Model #
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Extended Description : Optional Renewal Year 2

**Comments:** OrecX TR (2nd) second year software support renewal. 60 TR licenses. Includes annual support.

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7	3.1.5 Optional Renewal Year 3 for Support Services	1.00000	EA	\$5,400.000000	\$5,400.00

Comm Code	Manufacturer	Specification	Model #
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Extended Description : Optional Renewal Year 3

**Comments:** OrecX TR (3rd) third year software support renewal. 60 TR licenses. Includes annual support.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
8	3.1.5 Optional Renewal Year 4 for Support Services	1.00000	EA	\$5,400.000000	\$5,400.00

Comm Code	Manufacturer	Specification	Model #
81112201			

Extended Description : Optional Renewal Year 4

**Comments:** OrecX TR (4th) fourth year software support renewal. 60 TR licenses. Includes annual support.

# Oreka TR

## SERVER REQUIREMENTS



**OS :** Linux (Centos 7), any Windows . 64-bit.

**Hard Drive :** High-speed HD (7200 RPM or faster).  
Recommend two HDs for over 300 concurrent calls.

**Storage :** Count 1.6 KBytes/second of recorded audio (GSM format...our default storage format).  
*For example, 500GB of disk space stores approximately 100,000 hours of audio.*

**Virtualization :** Yes.

**\*\* Recommendations based on concurrent call levels \*\***

Concurrent Calls:	Up to 100	Up to 350	Up to 800	Up to 1,200	Up to 1,600	Up to 2,000
<b>CPU Cores :</b>	Dual-core	Quad-core	8-core	12-core	16-core	20-core
<b>L2 Cache :</b>	4MB	8MB	12MB	16MB	20MB	24MB
<b>RAM :</b>	4GB	8GB	8GB	16GB	16GB	16GB

**Codecs :** G.711, G.729A, G.723.1, G.722, iLBC, GSM6.10, Speex, Opus, AMR, AMR-WB

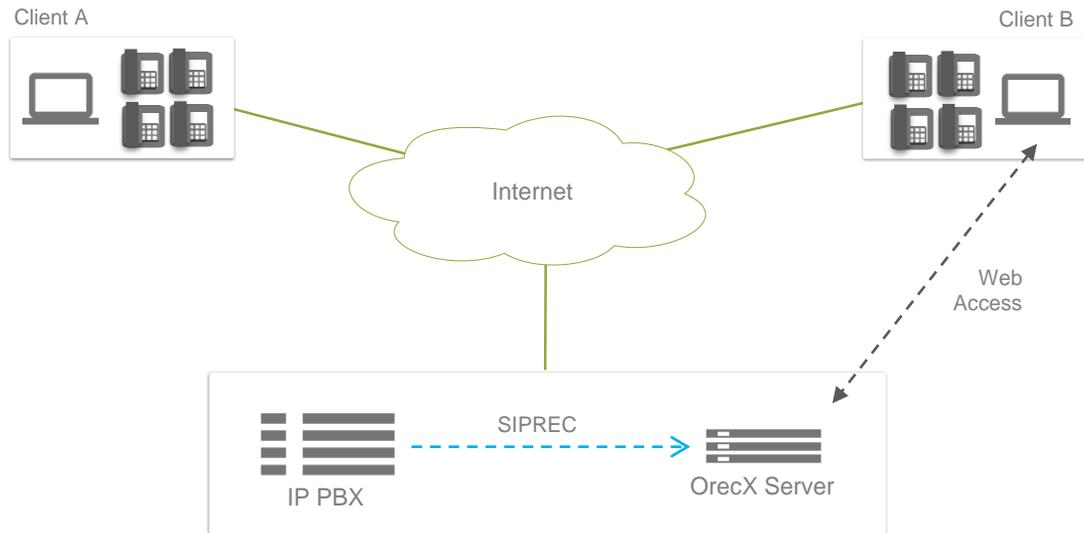
**Protocols :** SIP, SIPREC, H.323, DMCC, Cisco BIB or Skinny, MGCP, IAX2, Alcatel UA/NOE, Nortel UNISTIM, Siemens HFA

### Technical Assumptions for trial and/or production:

- Customer installs server(s) with operating system (Linux CentOS or Windows) & necessary disk capacity
- for Port Mirror: All traffic requiring recording is port mirrored to the recording server, including signaling and RTP media: <http://files.orecx.com/docs/oreka-port-mirror-span.pdf>
- for SIPREC: OrecX recorder must be provisioned on the telephony platform and full TCP/IP connectivity between telephony and recording platforms must be secured
- Link to more detail on a trial: <http://files.orecx.com/docs/oreka-pilot-requirements.pdf>

# Popular Deployment Architectures

## SIPREC Architecture



## Port Mirror Architecture

