

**ATTACHMENT B**

ABAG PLAN Corporation  
Executive Committee  
July 29, 2010

**ABAG Consultants Working on PLAN/IVOS Implementation**

<u>From</u>	<u>thru</u>	Fred Parkinson \$	Hrs.	Capitalized Directly to IVOS Imp. \$	Hrs.	PLAN charges Not exp'd to IVOS Imp. \$	Hrs.	Mix of IVOS and non-IVOS \$	Hrs.	Share of Mix Attributed to IVOS \$	Hrs.						
Jan-07	Jun-07	\$ 9,130	166.0			\$ -											
Jul-07	Dec-07	\$ 7,865	143.0			\$ 6,156.48	64.0										
Jan-08	Jun-08	\$ 5,803	105.5			\$ 6,156.48	64.0										
Jul-08	Dec-08	Hired 11/3/08				\$ 16,867.07	175.3										
Jan-09	Jun-09							\$ 27,240.63	283.2	\$ 21,084.15	219.2						
Jul-09	Jul-09			\$ 3,270.80	34.0	\$ 865.80	9.0										
Aug-09	Aug-09			\$ 1,250.60	13.0	\$ 384.80	4.0										
Sep-09	Sep-09			\$ 9,427.60	98.0	\$ -	0.0										
Oct-09	Oct-09			\$ 11,159.20	116.0	\$ 4,810.00	50.0										
Nov-09	Nov-09			\$ 12,890.80	134.0	\$ -	0.0										
Dec-09	Dec-09			\$ 7,984.60	83.0	\$ 1,250.60	13.0										
Jan-10	Jan-10			\$ 4,858.10	50.5	\$ -	0.0										
Feb-10	Feb-10			\$ 4,184.70	43.5	\$ 1,346.80	14.0										
Mar-10	Mar-10			\$ 384.80	4.0	\$ 577.20	6.0										
Apr-10	Apr-10			\$ 3,174.60	33.0	\$ 4,136.60	43.0										
May-10	May-10			\$ 3,334.59	33.5	\$ -	0.0										
Jun-10	Jun-10			\$ 4,977.00	50.0	\$ 2,164.50	22.5										
<b>SUBTOTALS</b>										<b>\$ 22,798</b>	<b>414.5</b>	<b>\$ 66,897.39</b>	<b>692.5</b>	<b>\$ 44,716.33</b>	<b>464.8</b>	<b>\$ 21,084.15</b>	<b>219.2</b>

**Estimated Total IVOS implementation expense by contractor**

**\$ 87,981.54 911.7**

Supplier	<b>PARKINSON, FRED L</b>	Site	<b>OAKLAND</b>
Supplier Num	<b>100552</b>	Taxpayer ID	
Invoice Num	<b>267</b>	Type	<b>Standard</b>
Batch Name	<b>KL021307APINV</b>	Date	<b>08-FEB-2007</b>
Voucher		Currency	<b>USD</b>
PO Number		Amount	<b>3,410.00</b>
Receipt Num		Unpaid	<b>0.00</b>
		Release	
		Unapplied	
		Settlement Date	

**Invoice Status**

Paid	<b>Yes</b>
Accounted	<b>Yes</b>
Status	<b>Validated</b>
Approval	<b>Not Required</b>

Description **MISC SVCS 7/1 - 12/31/06 M BEVERLY**

Active Hold	Reason
<input checked="" type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	

**Scheduled Payments**

Curr	Amount	Remaining	Due Date	Held
<input checked="" type="checkbox"/> <b>USD</b>	<b>3,410.00</b>	<b>0.00</b>	<b>08-FEB-2007</b>	<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>

**Actual Payments**

Paid By	Paid On
<b>70087 - Check</b>	<b>15-FEB-2007</b>

Payment Overview

View Receipt

View PO

Supplier

Invoices

*For period preceding 1/1/07  
Not counted in Jan - Jun '07*



Supplier **PARKINSON, FRED L** Site **OAKLAND**  
 Supplier Num **100552** Taxpayer ID  
 Invoice Num **279** Type **Standard** Date **12-JUL-2007**  
 Batch Name **KL063007APINVZ** Currency **USD** Amount **3,547.50**  
 Voucher Unpaid **0.00**  
 PO Number Release Unapplied  
 Receipt Num Settlement Date

Invoice Status

Paid **Yes**  
 Accounted **Yes**  
 Status **Validated**  
 Approval **Not Required**

Description **JUNE 2007 SVCS M BEVERLY**

Active-Hold	Reason
<input checked="" type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	

Scheduled Payments

Curr	Amount	Remaining	Due Date	Held
<input checked="" type="checkbox"/> USD	<b>3,547.50</b>	<b>0.00</b>	<b>12-JUL-2007</b>	<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>

Actual Payments

Paid By	Paid On
<b>70870 - Check</b>	<b>12-JUL-2007</b>

Payment Overview View Receipt View PO Supplier Invoices

$$\$3,547.50 \div \$55/\text{hr} \Rightarrow 64.5 \text{ Hours}$$



Supplier	<b>PARKINSON, FRED L</b>	Site	<b>OAKLAND</b>
Supplier Num	<b>100552</b>	Taxpayer ID	
Invoice Num	<b>283</b>	Type	<b>Standard</b>
Batch Name	<b>KL103107APINV</b>	Currency	<b>USD</b>
Voucher		Amount	<b>3,190.00</b>
PO Number		Unpaid	<b>0.00</b>
Receipt Num		Release	
		Unapplied	
		Settlement Date	

Invoice Status

Paid	<b>Yes</b>
Accounted	<b>Yes</b>
Status	<b>Validated</b>
Approval	<b>Not Required</b>

Description **JUL - SEP 07 SVCS M BEVERLY**

Active Hold	Reason
<input checked="" type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	

Scheduled Payments

Curr	Amount	Remaining	Due Date	Held
<input checked="" type="checkbox"/> USD	<b>3,190.00</b>	<b>0.00</b>	<b>25-OCT-2007</b>	<input type="checkbox"/>
<input type="checkbox"/>				<input type="checkbox"/>
<input type="checkbox"/>				<input type="checkbox"/>

Actual Payments

Paid By	Paid On
<b>71485 - Check</b>	<b>01-NOV-2007</b>

Payment Overview

View Receipt

View PO

Supplier

Invoices

$$\$3,190 \div \$55/\text{hr.} \Rightarrow 58 \text{ Hours}$$



Supplier **PARKINSON, FRED L**

Site **OAKLAND**

Supplier Num **100552**

Taxpayer ID

Invoice Num **287**

Type **Standard**

Date **25-OCT-2007**

Batch Name **KL103107APINV**

Currency **USD**

Amount **440.00**

Voucher

Unpaid **0.00**

PO Number

Release

Unapplied

Receipt Num

Settlement Date

**Invoice Status**

Paid **Yes**

Accounted **Yes**

Status **Validated**

Approval **Not Required**

Description **JUL - SEP 07 SVCS J CHAN**

Active Hold

Reason

**Scheduled Payments**

**Actual Payments**

Curr	Amount	Remaining	Due Date
<input checked="" type="checkbox"/> USD	440.00	0.00	25-OCT-2007
<input type="checkbox"/>			
<input type="checkbox"/>			

Held	Paid By	Paid On
<input type="checkbox"/>	71485 - Check	01-NOV-2007
<input type="checkbox"/>		
<input type="checkbox"/>		

Payment  e view

View Receipt

View PO

Supplier

Invoices

$$\$440 \div \$55/\text{hr.} \Rightarrow 8 \text{ Hours}$$



Supplier	<b>PARKINSON, FRED L</b>	Site	<b>OAKLAND</b>
Supplier Num	<b>100552</b>	Taxpayer ID	
Invoice Num	<b>290</b>	Type	<b>Standard</b>
Batch Name	<b>KL032008APINV</b>	Date	<b>12-MAR-2008</b>
Voucher		Currency	<b>USD</b>
PO Number		Amount	<b>4,235.00</b>
Receipt Num		Unpaid	<b>0.00</b>
		Release	
		Unapplied	
		Settlement Date	

**Invoice Status**

Paid	<b>Yes</b>
Accounted	<b>Yes</b>
Status	<b>Validated</b>
Approval	<b>Not Required</b>

Description **10/1 - 12/31/07 SVCS M BEVERLY**

Active Hold	Reason
<input checked="" type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	

**Scheduled Payments**

Curr	Amount	Remaining	Due Date
<input checked="" type="checkbox"/> <b>USD</b>	<b>4,235.00</b>	<b>0.00</b>	<b>12-MAR-2008</b>
<input type="checkbox"/>			
<input type="checkbox"/>			

**Actual Payments**

Held	Paid By	Paid On
<input type="checkbox"/>	<b>72218 - Check</b>	<b>20-MAR-2008</b>
<input type="checkbox"/>		
<input type="checkbox"/>		

Payment Overview

View Receipt

View PO

Supplier

Invoices

$$\$4,235 \div \$55/\text{HR} \Rightarrow 77 \text{ Hours}$$



Supplier **PARKINSON, FRED L**

Site **OAKLAND**

Supplier Num **100552**

Taxpayer ID

Invoice Num **296**

Type **Standard**

Date **03-JUN-2008**

Batch Name **KL053108APINVZ**

Currency **USD**

Amount **3,327.50**

Voucher

Unpaid **0.00**

PO Number

Release

Unapplied

Receipt Num

Settlement Date

**Invoice Status**

Paid **Yes**  
 Accounted **Yes**  
 Status **Validated**  
 Approval **Not Required**

Description **JAN - MAR 08 SVCS M BEVERLY**

Active Hold	Reason
<input checked="" type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	

**Scheduled Payments**

**Actual Payments**

Curr	Amount	Remaining	Due Date	Held
<input checked="" type="checkbox"/> USD	<b>3,327.50</b>	<b>0.00</b>	<b>03-JUN-2008</b>	<input type="checkbox"/>
<input type="checkbox"/>				<input type="checkbox"/>
<input type="checkbox"/>				<input type="checkbox"/>

Paid By	Paid On
<b>72690 - Check</b>	<b>11-JUN-2008</b>

Payment Overview

View Receipt

View PO

Supplier

Invoices

$$\$3,327.50 \div \$55/\text{hr.} \Rightarrow 60.5 \text{ Hours}$$



Supplier	<b>PARKINSON, FRED L</b>	Site	<b>OAKLAND</b>
Supplier Num	<b>100552</b>	Taxpayer ID	
Invoice Num	<b>300</b>	Type	<b>Standard</b>
Batch Name	<b>KL091708APINV</b>	Date	<b>10-SEP-2008</b>
Voucher		Currency	<b>USD</b>
PO Number		Amount	<b>1,856.25</b>
Receipt Num		Unpaid	<b>0.00</b>
		Release	
		Unapplied	
		Settlement Date	

**Invoice Status**

Paid	<b>Yes</b>
Accounted	<b>Yes</b>
Status	<b>Validated</b>
Approval	<b>Not Required</b>

Description **APRIL 1 - JUNE 30, 2008 SVCS M BEV**

Active Hold	Reason
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	

**Scheduled Payments**

Curr	Amount	Remaining	Due Date
<input checked="" type="checkbox"/> <b>USD</b>	<b>1,856.25</b>	<b>0.00</b>	<b>10-SEP-2008</b>
<input type="checkbox"/>			
<input type="checkbox"/>			

**Actual Payments**

Held	Paid By	Paid On
<input type="checkbox"/>	<b>73224 - Check</b>	<b>18-SEP-2008</b>
<input type="checkbox"/>		
<input type="checkbox"/>		

Payment Overview

View Receipt

View PO

Supplier

Invoices

Gross \$2,475 ÷ \$55/hr. ⇒ 45 Hours.

↳ \$1,856.25 = Gross \$2,475 - 618.75 credit for payroll.  
(25%) withheld





Journal: **Adjustment USD**

Period: **APR-09**      Effective Date: **30-APR-2009**

Category: **Adjustment**      Source: **Spreadsheet**

Balance Type: **Actual**      Budget:

Reference Date:

Description: **hp charging direct Ravi time to PLAN**

Reference: **Journal Import Created**

**Conversion**

Currency: **USD**

Date: **30-APR-2009**

Type: **User**

Rate: **1**

**Status**

Posting: **Posted**

Funds: **N/A**

Approval: **N/A**

**Reverse**

Date:       Method: **Switch Dr/Cr**

Period:       Status: **Not Reversed**

Control Total:

Line	Account	Debit (USD)	Credit (USD)	Description
1	AB00-000-52100-305000-4006-00	25,300.60		9 mos. Ravi to PLAN
2	AB00-000-52100-901001-8001-00		25,300.60	9 mos. Ravi to PLAN
		25,300.60	25,300.60	

Account Description: **ABAG ADMINISTRATION-NONE-TECHNICAL CONSULTANT FEES-ABAG PLAN CORP.-ABAG PLAN CORP.-UNASSIGNED**

Line Drilldown...      T Accounts...

Journal: **Adjustment USD**

Period: **JUN-09**      Effective Date: **30-JUN-2009**

Category: **Adjustment**      Source: **Spreadsheet**

Balance Type: **Actual**      Budget:

Reference Date:

Description: **Journal Import 593430:**

Reference: **Journal Import Created**

Control Total:

Conversion

Currency: **USD**

Date: **30-JUN-2009**

Type: **User**

Rate: **1**

Status

Posting: **Posted**

Funds: **N/A**

Approval: **N/A**

Reverse

Date:       Method: **Switch Dr/Cr**

Period:       Status: **Not Reversed**

Line	Account	Debit (USD)	Credit (USD)	Description
1	AB00-000-52100-305000-4006-00	18,807.10		To record DBA services for PLAN Corp, April-June. CMH
2	AB00-000-52100-901001-8001-00		18,807.10	To record DBA services for PLAN Corp, April-June. CMH
		18,807.10	18,807.10	

Account Description: **ABAG ADMINISTRATION-NONE-TECHNICAL CONSULTANT FEES-ABAG PLAN CORP.-ABAG PLAN CORP.-UNASSIGNED**

Line Drilldown...      T Accounts...



V-Soft, Inc.  
 12930 Saratoga Ave., B-1  
 Saratoga, CA 95070  
 (408)342-1700

# Invoice

DATE	INVOICE #
09/01/2008	3608
TERMS	DUE DATE
Net 30	10/01/2008

BILL TO
Joe Chan Association of Bay Area Governments Metro Center, 101 Eighth Street Oakland, CA 94607-4756

Project
Database Administration

Activity	Quantity	Rate	Amount
<ul style="list-style-type: none"> <li>Database Administration services for the month of Aug'08 for a total of 168 hours @ \$96.20/hour</li> </ul>	168	96.20	16,161.60
<b>TOTAL</b>			<b>\$16,161.60</b>

Date	Hrs. Work	Remarks
1-Aug-08	7.00	1) Resolved journal printing issues for Dan. 2) Working on with AP payment inquiry customization possibilities. 3) Completed pre-upgrade steps for Riskmaster database.
2-Aug-08	3.00	1) Upgrade process started after taking Riskmaster db backup.
3-Aug-08	4.00	1) Completed the upgrade process and post-upgrade activities.
4-Aug-08	6.00	1) Integrating Riskmaster with Centralized monitoring database. 2) Developing custom payable inquiry interface.
5-Aug-08	8.00	1) Completed payable inquiry custom interface. 2) Created user account for plan access and changed user table to include other security features.
6-Aug-08	8.00	1) Resolved mailing system label printing issues for front desk. 2) Did some look and feel effects on the custom interface form. 3) Created user administration interface.
7-Aug-08	8.00	1) Working on with Fund source income statement issues. 2) Resolved journal issues for Herbert. (new project vs. fs) 3) Applied patch on Test Instance to resolve fs income st. issues.
8-Aug-08	8.00	1) Going thro. Financial application upgrade steps. 2) Changed menu options in the custom user interface. 3) Modified income statement report to include fund source statement.
11-Aug-08	8.00	1) Included ptd income statement in the custom interface. 2) Installed ADI and applied latest adi patch on my system. 3) Removed Oracle client from my system and re-installed to resolve ADI connection issues. 4) Installed thin client for financial custom interface on Gertruda's system and resolved connection issues.
12-Aug-08	8.00	1) Going thro. Information related to database wait events. 2) Resolved cross validation rule form issues. 3) Going thro. Initial upgrade patch instructions and applied on production instance to find out the exact upgrade steps required.
13-Aug-08	8.00	1) Ran patch report to check upgrade steps and documenting all the required steps for the upgrade. 2) Attended plan dept. rfp feedback meeting. 3) Cleaned archive files for Riskmaster and Financial database.
14-Aug-08	8.00	1) Created backup area for Application software, Oracle middle-tier and db-tier after cleaning the previous backup files. 2) Going thro. Information related to database wait events. 3) Shutdown application process to take the software backup before

		the upgrade.
15-Aug-08	8.00	1) Going thro. Brain mail related to connection issues. 2) Going thro. the upgrade steps and Increased tbs size as part of the pre-upgrade process. 3) Shutdown application database and did database backup.
16-Aug-08	6.00	1) Performing application upgrade activities.
17-Aug-08	8.00	1) Completed the upgrade and performing post-upgrade activities. 2) Shutdown database and did cold backup after the upgrade and removed all the archive files due to space issues. 3) Started the application process, tested modules navigation and some reports.
18-Aug-08	8.00	1) Going thro. migration reports for AP and AR modules. 2) Going thro. Information related to Bill Presentment Architecture. 3) Discussed with Atti related to telnet connection timeout issues.
19-Aug-08	8.00	1) Going thro. java configuration details with the new application ver. 2) Started grid control database and monitoring changes in stat data. 3) Applied patch to resolve Fund Source Income statement warning issue.
20-Aug-08	8.00	1) Oracle server problem resolved and informed to plan and accounting. 2) Going thro. Server log files. 3) Restarted vncserver, grid database, and test instance. 4) Developed script to identify end dated project for a given journal.
21-Aug-08	8.00	1) Tested the script with some test journal and script modified to check recurring batch formula. 2) Going thro. Mass budget allocation formula rules. 3) Working on with Trial Balance report output type with test instance.
26-Aug-08	8.00	1) Modified Mass budget allocation formula rules. 2) Resolved issues related to Trial Balance report. 3) Co-ordination with Atti to setup vmware with oracle database.
27-Aug-08	6.00	1) Resolved vmware issues related to oracle and installed. 2) Login account password changed for auditor and documented installation procedure.
28-Aug-08	8.00	1) Resolved the trial balance report output type format issues, tested and did the same on production instance. 2) Resolved recurring journal generation issues for Dan. 3) Auto-config file regenerated with test instance and working on the issues with custom report.
29-Aug-08	8.00	1) Getting ready to install dataload on Charlene computer. 2) Working on with Oracle EM Grid control login issues.

		3) Installed dataload on Charlene computer, helping her to change the template data and upload to Oracle.
<b>Total</b>	<b>168.00</b>	



V-Soft, Inc.  
 12930 Saratoga Ave., B-1  
 Saratoga, CA 95070  
 (408)342-1700

# Invoice

DATE	INVOICE #
10/01/2008	3659
TERMS	DUE DATE
Net 30	10/31/2008

BILL TO
Joe Chan Association of Bay Area Governments Metro Center, 101 Eighth Street Oakland, CA 94607-4756

Activity	Quantity	Rate	Project
			Database Administration
			Amount
• Database Administration services for the month of Sep'08 for a total of 168 hours @ \$96.20/hour	168	96.20	16,161.60
<b>TOTAL</b>			<b>\$16,161.60</b>

Date	Hrs. Work	Remarks
2-Sep-08	8.00	1) Working on with Grid control issues. 2) Going thro. Diagnostic tools latest patch set information. 3) Downloaded the patch, applied on Test Instance and did post patch steps. 4) Co-ordination with Gertruda to train payment inquiry form.
3-Sep-08	8.00	1) Did changes on custom interface (payment inquiry form). 2) Working on with issues related to Oracle client installation on auditor's computer. 3) Resolved excel formula issues and email sent to Herbert.
4-Sep-08	6.00	1) Applied diagnostic tools patch and exploring the new options. 2) Information about Oracle sever details sent to valley oaks.
5-Sep-08	8.00	1) Discussed with Atti about security procedures related to Ripley system. 2) Going thro. Oracle Application best practices documentation.
8-Sep-08	8.00	1) Installed Mailing system client on Michelle's new computer. 2) Checked Fund Source Income st. for WTA and informed to Dan. 3) Blocked new users created by the upgrade process and end dated application related responsibilities in sysadmin login.
9-Sep-08	8.00	1) Resolved WTA trail balance report issues for Dan. 2) Installed Financials client on Auditor's new desktop system. 3) Created WTA related responsibilities and attached to auditor a/c. 4) Going thro. Application security best practices related to Financials. 5) Resolved function key issues with Oracle Financials.
10-Sep-08	8.00	1) Going thro. Application security best practices related to Financials and changed some parameters related to sign on functionality. 2) System taken down in the evening, did backup before system auditing and started all the services.
11-Sep-08	8.00	1) Changed Oracle permission on the executable area for Financials and Riskmaster system. 2) Co-ordination with Fred to take the fixed assets report and sent to auditors in excel format. 3) Co-ordination with system auditing.
12-Sep-08	8.00	1) Going thro. System auditing reports. 2) Co-ordination with auditor to do workstation scanning.
15-Sep-08	8.00	1) Preparing excel report with reference to system auditing most affected Vulnerabilities (30 cases). 2) Applied latest AD. I patch set on Test Instance and completed post installation steps.

16-Sep-08	8.00	1) Applied pre-requisite patches on Test Instance for TXK patch set. 2) Applied latest TXK patch set and did post upgrade steps. 3) Applied latest clone patch on test instance. 4) Preparing steps to apply all patches on production instance.
17-Sep-08	8.00	1) Started cleaning test area for cloning activity. 2) Developing new report - custom sales journal by customer.
18-Sep-08	8.00	1) Completed the AR-Sales journal report and informed to Dan. 2) Checked the report output with account inquiry and found ok. 3) Working on with cloning activities.
19-Sep-08	8.00	1) Co-ordination with Bruce to resolve K drive access issues. 2) Developed form interface to view AP interface tables.
22-Sep-08	8.00	1) Resolved AP-Invoice cancellation issues and informed to Dan. 2) Going thro. Oracle tech support new web interface. 3) Applied AD. 1-6 patch set on Production Instance and did post install steps.
23-Sep-08	8.00	1) Going thro. TXK patch pre-requisite patch instructions. 2) Going thro. OCM new patch install instructions and downloaded required patches. 3) Cleaned archive log files for Financial and Riskmaster databases.
24-Sep-08	8.00	1) Working on with EM Grid issues. 2) Tested AP interface with sample data on Test Instance. 3) Working on with writing scripts to automate the procedure.
25-Sep-08	5.00	1) Going thro. AR interface instructions. 2) Going thro. troubleshooting instructions related to grid issues.
26-Sep-08	8.00	1) Resolved dataload upload issues for Lucy. 2) Completed pre-requisite steps before applying TXK patch. 3) Prepared scripts to move application files and oracle files to test area. 4) Applied TXK patch and did post install steps.
27-Sep-08	5.00	1) Applied clone patch on production instance. 2) Removed test instance files and copied production files to test area.
29-Sep-08	8.00	1) Working on with configuring apps tier and db tier for test instance. 2) Completed cloning and going thro. restricted access feature. 3) Working on with setting up trusted node for administration purposes.
30-Sep-08	8.00	1) Working on with issues related to trusted node setup. 2) Resolved AR-Dunning letter issues and informed to Dan. 3) Researching multi-org related docs to block flex field segments info. 4) Working on with possibilities of changing fonts on dunning letter.
<b>Total</b>	<b>168.00</b>	



V-Soft, Inc.  
 12930 Saratoga Ave., B-1  
 Saratoga, CA 95070  
 (408)342-1700

# Invoice

DATE	INVOICE #
11/01/2008	3701
TERMS	DUE DATE
Net 30	12/01/2008

BILL TO
Herbert Pike Association of Bay Area Governments Metro Center, 101 Eighth Street Oakland, CA 94607-4756

			Project
			Database Administration
Activity	Quantity	Rate	Amount
• Database Administration services for the month of Oct'08 for a total of 172 hours @ \$96.20/hour	172	96.20	16,546.40
<b>TOTAL</b>			<b>\$16,546.40</b>

Date	Hrs. Work	Remarks
1-Oct-08	8.00	1) Print driver string changed for AR-Dunning Letter and informed to Dan. 2) Researching multi-org related docs to block flex field segments info.
2-Oct-08	8.00	1) Researching multi-org related docs to block flex field segments info. 2) Going thro. ATG upgrade instructions.
3-Oct-08	8.00	1) Resolved flex field combination project end date issues. 2) WTA reports changed and going thro. the possibilities of changing set of books and location information.
6-Oct-08	8.00	1) Working on with multi-org segment filtering issues. 2) Working on with WTA-AP invoice cancellation issues.
7-Oct-08	8.00	1) Working on with multi-org segment filtering issues. 2) Did report changes for WTA (look & feel effects) and informed to Dan.
8-Oct-08	8.00	1) Created security rules for all segments in ABAG & WTA set of books to resolve segment filter issues. 2) Same procedure implemented on production instance and tested.
9-Oct-08	8.00	1) Working on with ADI macro issues. 2) Working on with WTA-AP invoice cancellation issues. 3) Resolved plan fund source report issues for Charlene.
10-Oct-08	8.00	1) Did manual fix to resolve WTA-AP invoices and informed to Dan. 2) Old oracle mount points removed for Riskmaster and Financials.
14-Oct-08	8.00	1) Resolved VPN connection issues on Marken's new laptop and installed citrix client to access Riskmaster. 2) Going thro. apache log files and created a note to list accounting department ip address and vpn ip ranges. 3) Working on with concurrent manager performance issues.
15-Oct-08	8.00	1) Working on with ATG upgrade on test instance.
16-Oct-08	6.00	1) Working on with ATG upgrade on test instance. 2) Going thro. reversal journal issues - found ok.
17-Oct-08	8.00	1) Applied ATG upgrade patch and working on with post upgrade steps. 2) Working on with concurrent manager performance issues.
20-Oct-08	5.00	1) Going thro. account code combination mismatch. 2) Resolved concurrent manager performance issues.
21-Oct-08	8.00	1) Resolved WTA-Income statement issues and informed to Dan. 2) Completed post upgrade steps on test instance. 3) Applied documentation patch on test instance. 4) Working on with concurrent manager issues on test instance.

22-Oct-08	8.00	1) Resolved concurrent manager issues on test instance and applied patch to fix AOL user responsibilities related bug. 2) Going thro. Oracle certification related to vmware.
23-Oct-08	8.00	1) Resolved Enterprise Manager uninstall issues . 2) Cleaned archive files for financial and riskmaster databases.
24-Oct-08	8.00	1) Installed Enterprise Manager base version, completed post install steps and working on with upgrade.
27-Oct-08	8.00	1) Attended Plan/IT meeting. 2) Discussed with Fred and Dan related to positive pay and developing a script to generate Plan check information. 3) Working on with Enterprise Manager upgrade activities.
28-Oct-08	9.00	1) Working on with Enterprise Manager upgrade activities. 2) Completed plan check generation script and tested. 3) Resolved Agent Unreachable status error. 4) Did cold backup of financial and riskmaster databases.
29-Oct-08	8.00	1) Working on with installing grid control software only installation method and upgrading to 10.2.0.4 version. 2) Working on with upgrade issues.
30-Oct-08	8.00	1) Working on with upgrade issues and co-ordination with oracle tech support. 2) Preparing steps to reconfigure standby server. 3) Started coding program to print bank fax sheet and text file using proc.
31-Oct-08	8.00	1) Changed backup scripts and configuration files to update changed directories. 2) Reconfiguring standby server.
<b>Total</b>	<b>172.00</b>	



V-Soft, Inc.  
 12930 Saratoga Ave., B-1  
 Saratoga, CA 95070  
 (408)342-1700

# Invoice

DATE	INVOICE #
12/01/2008	3768
TERMS	DUE DATE
Net 30	12/31/2008

BILL TO
Herbert Pike Association of Bay Area Governments Metro Center, 101 Eighth Street Oakland, CA 94607-4756

			Project
			Database Administration
Activity	Quantity	Rate	Amount
• Database Administration services for the month of Nov'08 for a total of 136 hours @ \$96.20/hour	136	96.20	13,083.20
<b>TOTAL</b>			<b>\$13,083.20</b>

Date	Hrs. Work	Remarks
1-Nov-08	7.00	1) Reconfiguring standby server.
3-Nov-08	8.00	1) Resolved Riskmaster database temp tbs issues and informed to Carol. 2) Working on with proc program.
4-Nov-08	8.00	1) Working on with proc program. 2) Created user interface to access the program and redefined security levels.
5-Nov-08	8.00	1) Completed coding proc program and tested - working fine. 2) Created to unix scripts to execute print jobs and tested. 3) Riskmaster files moved to temp area to resolve space issues on standby server.
6-Nov-08	9.00	1) Changed configuration files for iAs to resolve printer issues and working on with no. copies issues. 2) Changed proc program related to print part and tested. 3) Installed new web interface on Dan's system and walk thro. how to run positive pay reports. 4) Riskmaster database path changed to resolve standby server space issues and did backup of database.
7-Nov-08	8.00	1) Changed mailing system label printing program to include list id in the sort field option and tested. 2) Applied a manual patch to resolve print copies issues. 3) Riskmaster data files transferred to standby server after path change.
10-Nov-08	5.00	1) Testing standby server and recovery is going good.
12-Nov-08	8.00	1) Failover testing failed on standby server and working on with the issues. 2) Script developed to take financial database backup during failover to resolve space issues.
13-Nov-08	8.00	1) Scripts modified and tested Riskmaster database failover. 2) Working on with Financial database failover issues.
14-Nov-08	8.00	1) Resolved financial database failover issues and tested, working fine. 2) Changed cron jobs to recover database daily basis. 3) File transferred manually to standby server in order to keep current.
17-Nov-08	8.00	1) Did live failover testing with Atti on Standby server for Riskmaster and Financial databases. 2) Working on with the possibilities to rsync network drive to standby server.
18-Nov-08	8.00	1) Changed WTA income statement content set to include new projects. 2) Working on with standby server connection issues.

19-Nov-08	5.00	1) Resolved standby server connection issues and did manual rsync redo log files.
20-Nov-08	7.00	1) Checked Gloria's system to resolve financial statement link issues - found website is not working - informed to Stephen. 2) Oracle client downloaded informed to Lilian to copy to CD. 3) Working on with em installation issues.
21-Nov-08	8.00	1) Co-ordination with tech support to resolve em installation issues. 2) Removed em installation and reinstalling the software.
24-Nov-08	8.00	1) Installed Oracle client on Fred's computer and configured ODBC to connect to Riskmaster. 2) Test Riskmaster database created and informed to Fred. 3) Resolved test database connection issues for Fred and Angela. 4) Working on with reinstalling em software.
25-Nov-08	7.00	1) EM installation end up with the same problem and following alternate method of installation. 2) Positive pay link sent to Charlene and walk through the installation and run the report from the system. 3) Researching 64 bit version of VPN and other client software.
26-Nov-08	8.00	1) Completed grid installation and did upgrade to the new version. 2) Working on with post installation activities and configuring databases. 3) Reviewing ATG upgrade steps to upgrade production instance.
<b>Total</b>	<b>136.00</b>	



V-Soft, Inc.  
 12930 Saratoga Ave., B-1  
 Saratoga, CA 95070  
 (408)342-1700

# Invoice

DATE	INVOICE #
01/02/2009	3841
TERMS	DUE DATE
Net 30	02/01/2009

BILL TO
Herbert Pike Association of Bay Area Governments Metro Center, 101 Eighth Street Oakland, CA 94607-4756

			Project
			Database Administration
Activity	Quantity	Rate	Amount
• Database Administration services for the month of Dec'08 for a total of 176 hours @ \$96.20/hour	176	96.20	16,931.20
<b>TOTAL</b>			<b>\$16,931.20</b>

Date	Hrs. Work	Remarks
Weekend	7.00	1) Did backup of Financial and Riskmaster databases, transferred to standby server and converted backup db to standby mode. Did manual recovery and changed cron jobs.
1-Dec-08	8.00	1) Monitoring standby server recovery process. 2) Co-ordination with Atti to insall vpn anyconnect on 64 bit platform and working on with connection issues.
2-Dec-08	8.00	1) Did standby server phase-2 test with port blocking and revert back to standby status. 2) Installed Oracle 10g rel 2 base version for grid repository database.
3-Dec-08	8.00	1) Did manual recovery on standby server. 2) Backup agent script changed after consulting with Atti.
4-Dec-08	8.00	1) Resolved adi journal upload issues for Dan. 2) Going thro. grid control certification checker note and repository upgrade note. 3) Working on with AP payment batch issues.
5-Dec-08	7.00	1) Co-ordination with tech support to resolve the payment batch. 2) Discussed with Herb related to AR invoice quick printing possibilities.
8-Dec-08	8.00	1) Researching Bill presentment architecture in AR. 2) Started grid repository upgrade activities. 3) Changed backup agent configuration files.
9-Dec-08	8.00	1) Resolved gl interface issues for Dan. 2) Created positive pay short cut on Charlene's computer and showed her how to generate the report. 3) Working on with grid repository upgrade issues.
10-Dec-08	8.00	1) Working on with grid repository upgrade issues. 2) Cleaned archive files for Riskmaster and Financial databases.
11-Dec-08	8.00	1) Did standby server maual recovery for financial database. 2) Copied financial and riskmaster backup datafiles to standby server. 3) Working on with grid repository upgrade issues.
12-Dec-08	8.00	1) Resolved grid repository upgrade issues and completed the upgrade. 2) Did manual fix for em configuration.
15-Dec-08	8.00	1) Resolved Oracle Server issues and informed to users. 2) Researching Bill presentment architecture. 3) AR-Invoice alignment page printing blocked for all invoice printing.
16-Dec-08	8.00	1) Working on with setting up invoice template for BPA. 2) Standby server database changed to production mode due to the

		Oracle production server problem - revert back to standby mode.
17-Dec-08	8.00	1) Completed setting up invoice template and ran sample reports. 2) Discussed with Atti and Ken Moy related to Plan new software license agreement. 3) Cleaned files on standby server, removed ip address with host name on the scripts and completed final tasks to move the server to CSAC.
18-Dec-08	8.00	1) Visit to CSAC, to setup standby server.
19-Dec-08	8.00	1) Rsync scripts are changed to include new ip addresses due to DNS server issues. 2) Discussed with iVOS tech people related to hardware requirements for the new plan software.
22-Dec-08	6.00	1) Monitoring recovery process on the standby server - works fine. 2) Configuring financial databases (test and production) to grid. 3) Resolved financial and riskmaster database warnings based on enterprise manager grid reports.
23-Dec-08	8.00	1) Installed ABAG web interface on Laura's system and trained her to take income statement reports. 2) Increased tablespace sizes on grid database. 3) Going thro. Safetylogic software license agreement and queries sent to Aon Safetylogic.
24-Dec-08	6.00	1) Resolved remote access to riskmaster for Marken and informed Atti about DNS issues. 2) Installed oracle10g client on Dan's system and informed to Fred. 3) Resolved dataload upload issues for Lucy.
26-Dec-08	8.00	1) Modified user interface for financial reports. 2) Resolved journal posting issues and email sent to Dan. 3) Modified cron jobs to avoid redo log files conflicts with standby server.
29-Dec-08	8.00	1) Working on with developing new interface to customize reports. 2) Resolved BI report issues and informed to Marcus. 3) Checked report links on Gloria system and informed to Bruce.
30-Dec-08	8.00	1) Completed new interface and tested - working fine. 2) Working on with custom income statement report to include the new customization.
31-Dec-08	6.00	1) Going thro. Grid database parameter violation reports. 2) Completed income statement report customization and tested. 3) Informed Marken to use ip address with url for remote connection due to DNS issues.
<b>Total</b>	<b>176.00</b>	



V-Soft, Inc.  
 12930 Saratoga Ave., B-1  
 Saratoga, CA 95070  
 (408)342-1700

# Invoice

DATE	INVOICE #
02/01/2009	3901
TERMS	DUE DATE
Net 30	03/03/2009

BILL TO
Herbert Pike Association of Bay Area Governments Metro Center, 101 Eighth Street Oakland, CA 94607-4756

			Project
			Database Administration
Activity	Quantity	Rate	Amount
• Database Administration services for the month of Jan'09 for a total of 152 hours @ \$96.20/hour	152	96.20	14,622.40
<b>TOTAL</b>			<b>\$14,622.40</b>

Date	Hrs. Work	Remarks
2-Jan-09	8.00	1) Going thro. Web ADI new features documentation. 2) Latest Web ADI patch downloaded and applied on Test Instance. 3) Performed ATG pre-upgrade steps on Production Instance.
3-Jan-09	9.00	1) Performing ATG Upgrade on production instance.
4-Jan-09	6.00	1) Completed ATG upgrade on production instance and did post install steps.
5-Jan-09	8.00	1) Updated audit reports into excel and going thro. security update notes. 2) Working on web adi patch issues.
6-Jan-09	8.00	1) Resolved web adi issues and exploring new features. 2) Working on with misc. receipts alteration possibilities.
7-Jan-09	8.00	1) Monitoring standby server recovery. 2) Going thro. iReceivables module options.
8-Jan-09	8.00	1) Working on with new coding related to end dated projects. 2) Going thro. iReceivables module options.
9-Jan-09	8.00	1) Working on with new coding related to end dated projects. 2) Created account on Citrix server for Lucy and walk thro. the installation steps over phone.
12-Jan-09	5.00	1) Checked recovery process on standby server. 2) Working on with proc program.
13-Jan-09	8.00	1) Working on with pdf file open issue for Lucy. 2) Resolved recurring journal issues and informed to Dan.
14-Jan-09	8.00	1) Completed proc program to find balance for end dated projects and resolved the core dump issues during run time.
15-Jan-09	8.00	1) Installed Oracle client and citrix client on Herb's laptop. 2) Applied vista related patches on Test Instance. 3) Cleaned archive log files on Finance and Riskmaster databases.
16-Jan-09	8.00	1) Prepared Oracle installation instruction and informed to Dan. 2) Working on issues related to Oracle client installation on Ange's laptop and informed Lilian to finish installing OS related drivers..
20-Jan-09	8.00	1) Installed Oracle client, VPN, citrix and Riskmaster software on Ange's laptop and tested. 2) Testing Oracle Application related to java client on Test Instance.
22-Jan-09	4.00	1) Working on with EM issues.

		2) Working on with user interface design.
26-Jan-09	8.00	1) Working on with Java client issues on Test Instance. 2) Installed Oracle Jinitiator for custom web interface. 3) Cleaned redo log files on standby server.
27-Jan-09	8.00	1) Working on with 1099 related issues. 2) Resolved Java client issues. 3) Working on with developing user interface for closed projects.
28-Jan-09	8.00	1) Completed user interface and created new accounting menu and tested - working fine. 2) Temporary workaround solutions informed to Dan related to 1099 issues. (Developing new custom design program is another option.)
29-Jan-09	8.00	1) Co-ordination with Lilian to install VPN, Oracle Client, Riskmaster on ABAG Laptop for Angela temporary use. 2) Resolved VPN connection issues for Angela. 3) Researching the possibilities to create electronic AR-Invoice.
30-Jan-09	8.00	1) Created Oracle TAR related to AR-Invoice. 2) Created new GL custom menu, responsibility and attached to the new user (Gina) account. 3) Researching additional patches for java client to replace Jinitiator.
<b>Total</b>	<b>152.00</b>	



V-Soft, Inc.  
888 Saratoga Avenue, Suite 203  
San Jose, CA 95129  
(408)342-1700

# Invoice

DATE	INVOICE #
03/02/2009	3955
TERMS	DUE DATE
Net 30	04/01/2009

BILL TO
Herbert Pike Association of Bay Area Governments Metro Center, 101 Eighth Street Oakland, CA 94607-4756

			Project
			Database Administration
Activity	Quantity	Rate	Amount
• Database Administration services for the month of Feb'09 for a total of 146 hours @ \$96.20/hour	146	96.20	14,045.20
<b>TOTAL</b>			<b>\$14,045.20</b>

Date	Hrs. Work	Remarks
2-Feb-09	8.00	1) Resolved AR Report generation issues and informed to Dan. 2) Researching XML publisher documents.
3-Feb-09	8.00	1) Researching XML publisher documents and building up custom templates.
4-Feb-09	8.00	1) Working on with creating custom invoice template for AR.
5-Feb-09	8.00	1) Working on with creating custom invoice template for AR. 2) Resolved printing issues for Gina user account (all modules).
6-Feb-09	6.00	1) Working on with invoice page break issues with the template. 2) Testing invoice pdf file attachment with the application.
9-Feb-09	5.00	1) Created custom responsibility and user account on Test Instance for Gina and installed java client on her desktop. 2) Attended Plan meeting with iVOS.
10-Feb-09	8.00	1) Resolved login issues for Gina on Test Instance. 2) Working on with template issues. 3) Researching AR interface related documentation.
11-Feb-09	7.00	1) Resolved invoice template page break issues and reduced the space for heading portion. 2) Working on with Test Instance application startup issues.
12-Feb-09	8.00	1) Working on with Test Instance application form startup issues. 2) Resolved Recurring journal issues for Dan. 3) Cleaning up user accounts and old mailing system data from the Riskmaster database.
13-Feb-09	8.00	1) Going thro. XML user manual. 2) Tested the template and working fine. 3) Discussion with Joe and Herb related to Plan new software.
17-Feb-09	8.00	1) Archive log files cleaned on Standby server and working on with telnet access issues. 2) Removed Oracle client and installed java client to test the java applet issues. 3) Resolved journal issues for Herb.
18-Feb-09	8.00	1) Going thru new data pumping utility features in Oracle 10g version. 2) Discussed with Fred about database export and email sent to iVOS. 3) Tested application test instance on a new system and updated the results to tech support for further action.
19-Feb-09	8.00	1) Java new client downloaded and testing with Test Instance. 2) Attended iVOS meeting.

		3) Researching new data pump utility documents.
20-Feb-09	8.00	1) Working on with java client issues with Test Instance. 2) Working on with system audit report.
23-Feb-09	8.00	1) Found a workaround for Test instance issues. 2) Old mailing system data removed from Riskmaster database. 2) Data extract methods discussed with Fred.
24-Feb-09	8.00	1) Discussed with Angela related to reports need to sent to iVOS. 2) Working on with system audit report. 3) Discussed with Atti related to iVOS OS requirement and email sent to iVOS. 4) Riskmaster database shutdown and copied files to cloning area and working on with cloning.
25-Feb-09	8.00	1) Created init parameter for Riskmaster test 1 and test 2 instances. 2) Created Riskmaster test1 database and test 2 database and informed to Fred to take workers comp data. 3) Working on with memory allocation and resizing database sizes. 4) Discussed with Lucy about AR-past due invoice report requirement.
26-Feb-09	8.00	1) Working on with creating invoice template on production instance. 2) Attended iVOS meeting. 3) Co-ordination with Atti to install iVOS server and Tomcat
27-Feb-09	8.00	1) Created user accounts on the new iVOS server and email sent to iVOS with server information. 2) Discussed with Angela and Fred related to test data reports. 3) Completed data template and report template configuration on Production Instance. 4) Resolved dunning letter invoice print issues.
<b>Total</b>	<b>146.00</b>	



V-Soft, Inc.  
 888 Saratoga Avenue, Suite 203  
 San Jose, CA 95129  
 (408)342-1700

# Invoice

DATE	INVOICE #
04/01/2009	4032
TERMS	DUE DATE
Net 30	05/01/2009

BILL TO
Herbert Pike Association of Bay Area Governments Metro Center, 101 Eighth Street Oakland, CA 94607-4756

Project
Database Administration

Activity	Quantity	Rate	Amount
• Database Administration services for the month of Mar'09 for a total of 176 hours @ \$96.20/hour	176	96.20	16,931.20
<b>TOTAL</b>			<b>\$16,931.20</b>

Date	Hrs. Work	Remarks
2-Mar-09	8.00	1) Testing dunning letter for particular customer and found out issues with the customer setup and informed to Dan and Lucy. 2) Researching similar report in AR module.
3-Mar-09	8.00	1) Co-ordination with Atti to re-configure iVOS system and installed latest version of Java and Tomcat. 2) Researching aging report.
4-Mar-09	8.00	1) Researching past due invoice report data. 2) Discussion with Atti, Angela and iVOS related to software version.
5-Mar-09	8.00	1) Completed data mapping for past due invoice customization and started creating user interface form to get user inputs. 2) Going thru iVOS installation procedure documentation. 3) Attended iVOS meeting.
6-Mar-09	8.00	1) Working on with user interface program. 2) Cleaned archive files on standby server and modified the cron job.
9-Mar-09	8.00	1) Working on with db memory issues. 2) Working on with user interface program.
10-Mar-09	8.00	1) Re-configured financial, riskmaster and test database init parameters to resolve memory issues. 2) Created a new test database for iVOS for testing purpose and working on with import issues.
11-Mar-09	8.00	1) Resolved AP-Payment issues and informed to Dan. 2) Resolved data import issues and Completed the iVOS configuration screen and able to see the login
12-Mar-09	8.00	1) Going thru data pump utility documentation. 2) Redo log files re-configured for iVOS test database. 3) Attended iVOS meeting.
13-Mar-09	8.00	1) Shutdown grid database due to memory issues. 2) Co-ordination with Atti related to single sign-on iVOS configuration parameters.
16-Mar-09	8.00	1) Completed user interface program for AR customization. 2) Found send mail issues on Ripley server and telnet access issues on standby server and discussed with Atti.
17-Mar-09	8.00	1) Started coding for AR-Past due report.
18-Mar-09	8.00	1) Working on with Riskmaster data issues and created sql access on Fred computer. 2) Shutdown Riskmaster database, did backup before updating org.

		hierarchy and then system released to the users.
		3) Working on with past due report coding.
19-Mar-09	8.00	1) Working on with past due report coding. 2) Attended iVOS meeting.
20-Mar-09	8.00	1) Working on with past due report coding. 2) Cleaned archive files for financial and riskmaster databases.
23-Mar-09	8.00	1) Found distribution amount conflicts and changed the logic of past due report coding. 2) Working on with dynamic sql query issues.
24-Mar-09	8.00	1) Resolved BI server login access issues. 2) Discussed with Lucy about past due report and working on with report modifications.
25-Mar-09	8.00	1) Working on with past due report modification and alignment issues. 2) Checked recovery process on standby server.
26-Mar-09	8.00	1) Working on with past due report coding. 2) Downloaded patch comparison tool and tested on the test instance. 3) Attended iVOS meeting.
27-Mar-09	8.00	1) Completed past due report coding and alignment issues. 2) Going thro. patch comparison tool reports.
30-Apr-09	8.00	1) Created a user account for Lucy on ABAG Custom web interface and attached the report to user interface and tested. 2) Installed Oracle client plug-in on Lucy's system and gave her demo to run the report. 3) Going thro. System audit report patch requirements.
31-Mar-09	8.00	1) Changed Invoice printing report to pdf format on Test Instance and informed to Lucy for testing. 2) Changed the past due invoice report to remove invoices from the report based on projects (user input in the interface screen). 3) Published sort master module on the Citrix server for remote access.
<b>Total</b>	<b>176.00</b>	



V-Soft, Inc.  
 888 Saratoga Avenue Suite 203  
 San Jose, CA 95129  
 (408)342-1700

# Invoice

DATE	INVOICE #
05/01/2009	4116
TERMS	DUE DATE
Net 30	05/31/2009

BILL TO
Herbert Pike Association of Bay Area Governments Metro Center, 101 Eighth Street Oakland, CA 94607-4756

Project
Database Administration

Activity	Quantity	Rate	Amount
• Database Administration services for the month of Apr'09 for a total of 176 hours @ \$96.20/hour	176	96.20	16,931.20
<b>TOTAL</b>			<b>\$16,931.20</b>

Date	Hrs. Work	Remarks
1-Apr-09	8.00	1) Started grid database, mapped iVOS database and test database to monitor sort master report. 2) Resolved tracing issues and ran sort master report to get sql statements and sent email to Fred. 3) Installed Java client on Lucy's system for test instance to test invoice printing in PDF format.
2-Apr-09	8.00	1) Resolved invoice(pdf) printing issues and informed to Lucy. 2) Attended iVOS-Plan meeting. 3) Did modifications as per user request on the invoice printing program. 4) Going thru Deductible billing scenarios.
3-Apr-09	6.00	1) Going thru data conversion issues (excel sheet). 2) Tuning grid database and sga sheet updated.
6-Apr-09	8.00	1) Resolved ftp issues and downloaded files from iVOS website. 2) Attended plan meeting with iVOS. 3) Working on with configuration.
7-Apr-09	8.00	1) Working on with iVOS configuration and searching user login data. 2) Resolved journal upload issues for Lucy. 3) Installed Microsoft Visio on Joe's system.
8-Apr-09	7.00	1) Searching missing check numbers in AP module. 2) Working on with invoice printing template design.
9-Apr-09	8.00	1) Downloaded patch comparison utility and checking the status with Test and Production Instance. 2) Created user account for Herb on the custom ABAG web interface.
10-Apr-09	8.00	1) Meeting with Joe and Herb related to deductible billing flowchart. 2) Attended meeting with iVOS. 3) Working on with cloning iVOS copy database.
weekend	4.00	1) Resolved import issues and completed cloning iVOS database. 2) Going thru flowchart details.
13-Apr-09	8.00	1) Attended meeting with Joe and Herb and did final modification on the flowchart. 2) Researching oracle java client versions for financial applications.
14-Apr-09	8.00	1) Attended meeting with Marcus related to deductible billing. 2) Working on data issues and report sent to Wendy.
15-Apr-09	7.00	1) Going thru final flow chart. 2) Researching financial application possibilities on vista system.

16-Apr-09	8.00	1) Going thro. iVOS configuration manual. 2) Attended iVOS meeting. 3) Co-ordination with Atti related to iVOS email configuration issues.
17-Apr-09	8.00	1) Researching email configuration issues. 2) Checking on running past due report on Herb's system and URL link. 3) Checking on the past due report unassigned records.
20-Apr-09	8.00	1) Installed ADI and configured on Susan's computer and showed her how to access the ADI and Oracle Applications. 2) Working on with proc program (past due report). 3) Co-ordination with Atti related to iVOS email configuration issues.
21-Apr-09	8.00	1) Working on with proc program (past due report). 2) Installed telnet on training room pc and shortcut created for iVOS application. 3) Attended iVOS email training. 4) Co-ordination with Atti related to iVOS email configuration issues.
22-Apr-09	8.00	1) Working on with iVOS email testing and test emails sent to Atti and Brain. 2) Meeting with IT team and Marcus related to iVOS email system. 3) Installed VPN, Oracle client, Firefox on Susan's laptop and showed her how to access Oracle application remotely. 4) Found a workaround to resolve iVOS email issues.
23-Apr-09	8.00	1) Attended iVOS data issues meeting. 2) Researching the possibilities to include custom invoice printing report into apps. environment. 3) Shutdown all databases to clear memory conflict and restarted the server.
24-Apr-09	8.00	1) Researching RM diary issues and email sent to Ange and Marcus. 2) Invoice history report alignment fixed and informed to Dan. 3) Working on with laptop vista issues. 4) Developed custom sql script to list AP Invoices using GL Date.
27-Apr-09	8.00	1) Working on with custom invoice reports and tested including reports into apps. environment on Test Instance. 2) Cleaning archive files for financial and riskmaster databases. 3) Going thru Bank of the West direct pay documents.
28-Apr-09	8.00	1) Included custom invoice reports on Production Instance and tested. 2) Checked recovery status on Standby server and cleaned redo log files. 3) Working on with testing auto email feature with positive pay report.
29-Apr-09	8.00	1) Working on with testing auto email feature with positive pay report. 2) Attended iVOS data issues meeting. 3) Testing with positive pay electronic email transfer from the system.

		4) Email sent to Wendy from iVOS system for testing purpose and explained her about email issues.
30-Apr-09	8.00	1) Working on with past due report modifications. 2) Attended iVOS review meeting. 3) Did a webex session with windy to demo email issues. 4) Resolved plan flex field balance mismatch issues on GL for Charlene.
<b>Total</b>	<b>176.00</b>	



V-Soft, Inc.  
 888 Saratoga Avenue Suite 203  
 San Jose, CA 95129  
 (408)342-1700

# Invoice

DATE	INVOICE #
06/01/2009	4205
TERMS	DUE DATE
Net 30	07/01/2009

BILL TO
Herbert Pike Association of Bay Area Governments Metro Center, 101 Eighth Street Oakland, CA 94607-4756

Project
Database Administration

Activity	Quantity	Rate	Amount
• Database Administration services for the month of May'09 for a total of 160 hours @ \$96.20/hour	160	96.20	15,392.00
<b>TOTAL</b>			<b>\$15,392.00</b>

Date	Hrs. Work	Remarks
1-May-09	8.00	1) Completed AR past due report modifications and tested.
4-May-09	8.00	1) Completed AP Invoice report coding and testing the program. 2) Started developing user interface for the AP report.
5-May-09	8.00	1) Fixed AP Invoice report alignment issues. 2) Completed coding user interface for AP Invoice report. 3) Enabled email transmit for Positive pay report.
6-May-09	8.00	1) Created user account on Test Instance for Susan and installed java client on her computer. 2) Working on with application export issues. 3) Going thru IE browser certificate related issues. 4) Working on with applying vista related patches on Test Instance.
7-May-09	4.00	1) Attended iVOS meeting. 2) Completed vista related patches and working on with the issues. 3) Script sent to Wendy to collect tbs and table row count details.
8-May-09	8.00	1) Installed macro function on Susan's computer and tested. 2) Working on with creating new database for iVOS trail data. 3) Started iVOS trail data import process.
9-May-09	5.00	1) Working on with data import issues. 2) Shutdown all database related services on Ripley server due to Array firmware upgrade by Atti and then re-started the services.
10-May-09	5.00	1) Resolved import issues and table row count issues.
11-May-09	8.00	1) Completed iVOS trail data configuration and tested. 2) Researching sql script options for table name contains space. 3) Resolved out of memory issues on iVOS system when running reports.
12-May-09	8.00	1) Installed ODBC connection and sqlnet connection on Fred's computer to connect iVOS Trail Database. 2) Researching cross platform migration possibilities for financial system. 3) Working on with iVOS data issues with access db for Fred.
13-May-09	8.00	1) Modified backup script and cleaned unwanted folders from the backup. 2) Did a workaround to resolve data issues for Fred. 3) Researching cross platform migration possibilities for financial system.
14-May-09	8.00	1) Testing financial application with IE browser on Vista OS. 2) Discussed with Atti related to cross platform migration and hardware requirements. 3) Attended iVOS meeting. 4) Resolved ADI Balance sheet report alignment issues.

18-May-09	8.00	1) Did document image setup on iVOS and working on with scheduler issues and report issues. 2) Found Oracle application applet issues on 64-bit system and researching documents.
19-May-09	4.00	1) Researching cross platform migration documentations. 2) Going thro. RM attachments issues.
20-May-09	8.00	1) Discussed with Angela about RM attachment issues and created new users in iVOS system for the training. 2) Working on with RM attachment issues. 3) Modified database backup script and created new cron jobs for weekly backup procedure.
21-May-09	9.00	1) Setting up iVOS url login on the training workstations. 2) Attended iVOS training. 3) Working on with iVOS application and db issues. 4) AR - reports generated for Susan.
22-May-09	8.00	1) Excel report generated related to RM attachment issues for Fred. 2) Resolved iVOS login issues for plan dept users on the training. 3) Working on with iVOS application issues pointing to wrong database.
24-May-09	5.00	1) Re-installed iVOS application and db listener name changed to resolve application/db issues. 2) Tested financial application on Vista OS with IE browser.
26-May-09	8.00	1) Tested iVOS application - under observation (email sent to Wendy). 2) Working on with resizing db memory for all databases. 3) Going thru Oracle installation procedure on Linux platform. 4) Informed Dan about the drilldown issues on WTA-GL Inquiry.
27-May-09	8.00	1) Completed running data fix scripts on iVOS trail database. 2) Did configuration for document path on iVOS application. 3) Discussed with Fred about document types issues. 4) Working on with setting up new database server for iVOS.
28-May-09	8.00	1) Tested attachments as sticky note in iVOS and email sent to Wendy related to the issues. 2) Researching users resp. related reports for the auditors. 3) Working on with setting up new database server for iVOS on Linux.
29-May-09	8.00	1) Discussed with Charlene about GL interface related to plan claims. 2) Moved documents from network drive to application server for test claims and did data update as per iVOS request and tested. 3) Discussed with Atti related to iVOS server and created new partition with more space to keep all RM attachments. 4) Found a workaround for documents issues and email sent to Wendy.
<b>Total</b>	<b>160.00</b>	



V-Soft, Inc.  
888 Saratoga Avenue Suite 203  
San Jose, CA 95129  
(408)342-1700

# Invoice

DATE	INVOICE #
07/02/2009	4263
TERMS	DUE DATE
Net 30	08/01/2009

BILL TO
Herbert Pike Association of Bay Area Governments Metro Center, 101 Eighth Street Oakland, CA 94607-4756

Project
Database Administration

Activity	Quantity	Rate	Amount
• Database Administration services for the month of June'09 for a total of 164 hours @ \$96.20/hour	164	96.20	15,776.80
<b>TOTAL</b>			<b>\$15,776.80</b>

Date	Hrs. Work	Remarks
1-Jun-09	8.00	1) Created iVOS trail database on Linux server and trail data imported. 2) Co-ordination with Auditors to query journal, etc. 3) Working on with journal export issues. 4) Tested financial application with Vista OS and uploaded the results to Oracle tech. support.
2-Jun-09	8.00	1) Did data fix on iVOS new database server. 2) Re-configured iVOS application and resolved connection issues. 3) Working on with grid database issues.
3-Jun-09	8.00	1) Discussed with Angela related to procedure to follow for attachments on Riskmaster and other iVOS pending issues. 2) Working on with grid database issues.
4-Jun-09	8.00	1) Working on with grid database issues. 2) Attended iVOS meeting. 3) Installed Oracle management agent on Linux server for grid database.
5-Jun-09	8.00	1) Working on with iVOS application issues. (application crashed..) 2) Did backup of configuration files and removed application installation and re-deployed application. 3) Did manual correction on the iVOS configuration file.
8-Jun-09	8.00	1) Working on with GL Interface specification. 2) Created separate source on the Test Instance and loaded test data using journal import program. 3) Resolved grid database issues and established connection to new vmware database server.
9-Jun-09	8.00	1) Resolved access link issues for Fred and created separate indexes on temp tables. 2) Co-ordination with iVOS configuration specialist and Atti to re-configure iVOS system. 3) Re-deployed test application and configured iVOS.
10-Jun-09	8.00	1) Going thro. AR Auto Invoice program. 2) Exploring audit trail options as per Brian request. 3) Working on configuring vmware databases with grid.
11-Jun-09	8.00	1) Going thro. AR Auto Invoice program. 2) Discussed about financial interface requirement. 3) Installed ADI, Dataload and Oracle client on Lucy's new computer.
15-Jun-09	8.00	1) Completed specification for financial interface and discussed with Joe before sending to iVOS. 2) Going thro. Audit trail documentation for financial system.

16-Jun-09	8.00	1) Working on with Audit Trail setup issues on Test Instance. 2) Resolved posting issues for Susan.
17-Jun-09	4.00	1) Working on with Audit Trail setup issues on Test Instance.
18-Jun-09	8.00	1) Working on with Audit Trail setup issues on Test Instance. 2) Attended iVOS meeting. 3) Working on with iVOS application config testing. 4) Working on with AR interface.
19-Jun-09	8.00	1) Applied Audit Trail related patches on the Test Instance. 2) Working on with AR interface. 3) Working on with Mailing system data issues..
22-Jun-09	8.00	1) Working on audit trail report issues. 2) Working on with Mailing system data issues..
23-Jun-09	8.00	1) Monitoring Grid databases. 2) Checked standby server archive log recovery. 3) Working on with AR interface.
24-Jun-09	8.00	1) AR activity report sent to Lucy. 2) Working on creating user interface for AR-Activity Report.
25-Jun-09	8.00	1) Going thro. GL interface specifications. 2) Attended iVOS meeting. 3) Working on with AR-Activity report user interface.
26-Jun-09	8.00	1) Going thro. iVOS interim solution. 2) Explained Laura how to modify/run Income Statement from the web Interface. 3) Completed AR activity report user interface and informed to Lucy. 4) Testing iVOS reports related to deductible billing.
29-Jun-09	8.00	1) Installed check register report on iVOS server and tested the report. 2) Going thro. iVOS new interface specification. 3) Going thro. Claims deductible billing report from iVOS. 4) Transferred documents (claims attachment) to Linux Server. 5) Co-ordination with Susan to create next year calendar for ABAG.
30-Jun-09	8.00	1) Co-ordination with Susan to create next year calendar for WTA. 2) Checked the Claims log deductible report and check register report. 3) Working on with Claims documents transfer issues. 4) Working on with Mailing system data issues..
<b>Total</b>	<b>164.00</b>	



V-Soft, Inc.  
 888 Saratoga Avenue Suite 203  
 San Jose, CA 95129  
 (408)342-1700

# Invoice

DATE	INVOICE #
08/03/2009	4329
TERMS	DUE DATE
Net 30	09/02/2009

BILL TO
Herbert Pike Association of Bay Area Governments Metro Center, 101 Eighth Street Oakland, CA 94607-4756

Project
Database Administration

Activity	Quantity	Rate	Amount								
• Database Administration services for the month of July'09 for a total of 176 hours @ \$96.20/hour  <i>OK to pay</i> <i>Kaplan</i>  <i>San Jose</i> <table border="1"> <tr> <th colspan="2">For Accounting Only</th> </tr> <tr> <td>Ven#101172</td> <td>Month: 7/09</td> </tr> <tr> <td>Acct#:</td> <td>\$ 16,931.20</td> </tr> <tr> <td>52100-901001-8001</td> <td></td> </tr> </table>	For Accounting Only		Ven#101172	Month: 7/09	Acct#:	\$ 16,931.20	52100-901001-8001		176	96.20	16,931.20
For Accounting Only											
Ven#101172	Month: 7/09										
Acct#:	\$ 16,931.20										
52100-901001-8001											
<b>TOTAL</b>			<b>\$16,931.20</b>								

Date	Hrs. Work	Remarks
1-Jul-09	8.00	1) Working on with compressing all claims documents due to ftp issues. 2) Discussed with Wendy about check register issues and deductible billing report issues.
2-Jul-09	8.00	1) Working on with files transfer issues. 2) WTA report sent to Lynne as per Dan's request. 2) Checking modified deductible billing report and new check register.
6-Jul-09	8.00	1) Working on with files transfer issues. 2) Working on with past due report issues. 3) Working on with iVOS deductible billing report issues.
7-Jul-09	8.00	1) Found out the bugs on check register, claims deductible reports and given to Charlene to check deductible billing issues for the claim. 2) Aging report checked against AR past due custom report. 3) IE 8 blocker utility installed on Accounting dept. computers.
8-Jul-09	8.00	1) Completed moving Riskmaster attachment files to Linux server. 2) Working on with deductible billing report issues. 3) Going thro. patch comparison utility for financials.
9-Jul-09	8.00	1) Attended dept. meeting. 2) Working on with deductible billing report issues. 3) Attended iVOS meeting and email sent to Wendy about report issues.
10-Jul-09	8.00	1) Co-ordination with IT team related to System crash. 2) Working on with bringing back Oracle server from backup.
11-Jul-09	8.00	1) Did recovery for Oracle financial database and did cold backup.
13-Jul-09	8.00	1) Working on with pre-migration activities related to Riskmaster db. 2) Created a new database on vmware for Riskmaster database. 3) Did cold backup and exported the Riskmaster database and imported data into new Riskmaster database.
14-Jul-09	8.00	1) Resolved Jim and Marken workstation issues related to accessing the new server. 2) Going thro. migration documents.
15-Jul-09	8.00	1) Did manual archive log file backup. 2) Developing scripts for the new server backup process and moving redo log files.
16-Jul-09	8.00	1) Coding script to print GL account inquiry for a range of accounts. 2) Co-ordination with Fred to resolve payment process errors. 3) iVOS meeting. 4) Going thro. migration documents.

17-Jul-09	8.00	1) Co-ordination with Fred to resolve payment process errors. 2) Applying clone patches on test environment before applying it on Production Instance. 3) Transferring database files to DR Server.
18-Jul-09	8.00	1) Applied clone patches on Production Instance and other pre-requisite patches. 2) Copied files to different mount locations and completed post clone steps.
21-Jul-09	8.00	1) Resolved ABAG custom web interface access. 2) Given WTA-GL access to Lucy as per Dan's request. 3) Resolved manual invoice numbering issues for Lucy. 4) Working on with split configuration.
22-Jul-09	8.00	1) Applying patches on Test Instance related to split configuration. 2) Attended security iVOS webex meeting. 3) Walk thro. with Angie to fix Riskmaster remote access issue.
23-Jul-09	8.00	1) Installed new Oracle software on vmware server and applied required patches related to split configuration. 2) Working on with export data pump issues. 3) Attended iVOS meeting.
24-Jul-09	8.00	1) Completed data export and files moved to the new server for import. 2) Resolved rsync issues. 3) Journal posting issues explained to Dan and changed Journal import report format. 4) Resolved ODBC connection issues for Fred.
26-Jul-09	3.00	1) Working on with data pump import issues.
27-Jul-09	8.00	1) Applied patches on the source database to resolve import issues and started export activities. 2) Completed post database creation activities on the target node and did new database backup.
28-Jul-09	7.00	1) Working on with database connection issues for Gina and Fred. 2) Import process failed again and researching the issues. 3) Informed Gina related to Power Invoice printing procedure.
29-Jul-09	6.00	1) Researching import process issues and co-ordination with tech support. 2) Re-created database and ran required scripts on Linux box and did import again and uploaded the results to tech support.
30-Jul-09	8.00	1) Working on with Diversity report and informed Gina. 2) Co-ordination with tech support related to import issues. 3) Applied patch on the source database and exporting the data.
<b>Total</b>	<b>176.00</b>	



Date	Hrs. Work	Remarks
1-Aug-09	6.00	1) Export dump files transferred to the new server and completed import process.
3-Aug-09	7.00	1) Completed post import migration steps and documenting steps.
4-Aug-09	8.00	1) Applied java related patches on financial test instance and tested. 2) Discussed with Atti and Herb about migration and application testing. 3) Working on with AP supplier list script. 4) Data load issues resolved for Lucy.
5-Aug-09	8.00	1) Resolved Risk master database connection issues and informed to plan users. 2) Attended internal meeting and iVOS meeting related to financial interface and email sent to Wendy. 3) Working on with AP Supplier List script.
6-Aug-09	8.00	1) Changed backup scripts and cron jobs for plan databases. 2) Working on with ADI issues. 3) Installed new Oracle client on accounting workstations. 4) Attended iVOS meeting.
7-Aug-09	8.00	1) Working on with past due invoice report to include fs information. 2) Completed the user interface form changes. 3) Backup scripts tested against with iVOS and Risk master and fixed the bugs.
10-Aug-09	8.00	1) Working on with Oracle connection problems for Gina and found it is related to the network. Informed to Atti. 2) Attended iVOS meeting.
11-Aug-09	8.00	1) Completed past due invoice report with fund source information and tested. 2) Resolved journal upload issues for Dan. 3) Working on with Financial Test Instance testing issues.
12-Aug-09	8.00	1) Attended dept. meeting and iVOS meeting. 2) Co-ordination with Dan related to recurring formula definition and analyzing last month report for project mismatch issues.
13-Aug-09	8.00	1) Co-ordination with Bruce to look for connection issues for Susan's Computer. 2) Attended iVOS meeting. 3) Discussed with Fred and Atti about the iVOS connection issues. 4) Resolved ADI connection issues for the Test Instance.
14-Aug-09	8.00	1) Going thru database migration documents. 2) Attended global soft meeting related to spreadsheet automation.

15-Aug-09	7.00	1) Working on with database migration.
16-Aug-09	4.00	1) DB migration failed and revert back to old status. 2) Researching the migration issues.
17-Aug-09	5.00	1) Working on with iVOS connection issues. 2) Cleaned archive files for financial and riskmaster databases.
18-Aug-09	8.00	1) Working on with iVOS connection issues. 2) Received check format files from iVOS and email sent to Fred to test. 3) Meeting related to cash management. 4) Resolved invoice printing issues for WTA.
19-Aug-09	8.00	1) Co-ordination with tech support related to iVOS connection issues. 2) Resolved spaces issues on Pluto server. 3) Installed Oracle software on the new server and applied required patches before db migration.
20-Aug-09	6.00	1) Blocked cronjobs on Ripley and Pluto server due to migration activities. 2) Attended iVOS meeting. 3) Going thru Oracle Imaging and process management modules.
21-Aug-09	8.00	1) Preparing steps to perform database migration. 2) Started financial database migration activities.
22-Aug-09	8.00	1) Working on with financial database migration.
24-Aug-09	5.00	1) Working on with cursor focus issues. 2) Going thru Ded. Billing instructions.
26-Aug-09	8.00	1) Completed the installation procedure for deductible billing, defined report and ran for Jan-09 and Dec-08 and sent to Charlene to check. 2) Completed applying hot fix for Case load management issues on iVOS. 3) Co-ordination with Dan to define new project and fund source for WTA. 4) Resolved budget issues for Susan.
27-Aug-09	8.00	1) Resolved cursor focus issues on test instance. 2) Co-ordination with Atti to resolve send mail issues from Ripley server. 3) Preparing backup scripts for financial database on the new server. 4) Installed Jinitiator client on all workstations. 5) Attended iVOS meeting.
28-Aug-09	8.00	1) Resolved connection issues on front desk computer. 2) Working on with supplier list filter possibilities, report converted to Excel and informed to Herb. 3) Resolved policy creation issues on iVOS. 4) Deductible billing reports copied, defined new report and tested.
<b>Total</b>	<b>168.00</b>	

**-Soft**

V-Soft, Inc.  
 888 Saratoga Avenue Suite 203  
 San Jose, CA 95129  
 (408)342-1700

**Invoice**

DATE	INVOICE #
10/01/2009	4442
TERMS	DUE DATE
Net 30	10/31/2009

<b>BILL TO</b>
Herbert Pike Association of Bay Area Governments Metro Center, 101 Eighth Street Oakland, CA 94607-4756

Project
Database Administration

Activity	Quantity	Rate	Amount
• Database Administration services for the month of September'09 for a total of 166 hours @ \$96.20/hour	166	96.20	15,969.20
<b>TOTAL</b>			<b>\$15,969.20</b>

*OK to Pay*  
*Herbert Pike*  
*owp 901001*  
*owp 305000*

*\$6,204.90*  
*\$9,764.30*  


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*15,969.20*

*98 hrs. to VOS*

V-Soft Tax ID # 94-3233850

<b>For Accounting Only</b>	
V-Soft 172	Month: 9/09
	\$
52100 - 901001 - 8000	
52100 - 305000 - 4004	

*6204.90*  
*9764.30*

Date	Hrs. Work	Remarks
1-Sep-09	8.00	1) WTA reports changed to include new projects. 2) Working on with positive pay scheduler job issues. 3) Resolved AR online query issues and informed to Charlene.
2-Sep-09	8.00	1) Installed positive pay transmittal letter. 2) Checking on outgoing mail issues. 3) Working on with ded. billing report issues.
3-Sep-09	8.00	1) Details sent to Wendy about ded. billing report issues. 2) Working on with positive pay and testing outgoing mail.
4-Sep-09	8.00	1) Co-ordination with Charlene to test positive pay with the bank. 2) Did WebEx with iVOS related to Fin. Interface issues. 3) Found a fix related to duplicate check amount and informed to Wendy.
8-Sep-09	7.00	1) Cleaned archive files on Ripley and Oracledb server for financial and riskmaster databases. 2) Recorded redo history information for both databases. 2) Created weekly backup script for Financial database on the new server. 3) Working on with Report Distribution set up issues.
9-Sep-09	8.00	1) Working on with coding grant revenue report and user interface. 2) Going thro Linux documentation.
10-Sep-09	9.00	1) Coding started for sqlload and working with date field issues. 2) Resolved report distribution set-up issues and tested invoice reports.
11-Sep-09	8.00	1) Resolved budget upload issues for Susan and ABAG custom website connection issues. 2) Resolved sqlload issues and started coding interface program.
14-Sep-09	8.00	1) Created report distribution definition and scheduler job to distribute to Charlene and the bank. 2) Researching PP text file distribution issues. 3) Attended iVOS meeting. 4) Webex meeting with iVOS to explain PP text file distribution issues and discussed with Brain and Herbert.
15-Sep-09	8.00	1) Resolved connection issues for Fred. 2) Working on with interface. 3) Working on with Linux server kernel memory issues and listener issues.
16-Sep-09	8.00	1) Working on with iVOS interface program. 2) Co-ordination with Fred going thro. update issues with external insured code from ref. table maintenance screen. 3) Downloaded vista client for Marcus laptop and end-up with disc reading issues.

17-Sep-09	8.00	1) Going thro. Grant type issues with iVOS ref. table update screen. 2) Discussion with Brian and Fred related to iVOS issues and had a WebEx meeting with Wendy. 3) Resolved vista client issues on with Marcus laptop after applying ODBC patches and tested Riskmaster connection.
18-Sep-09	8.00	1) Attended iVOS Report designer training. 2) Co-ordination with Fred Castro to take text file from mailing system.
21-Sep-09	9.00	1) Completed iVOS interface program coding and working on with testing. 2) Completed setting up auto email facility in case of any upload error.
23-Sep-09	8.00	1) Resolved GL interface issues for Dan. 2) Co-ordination with Fred to resolve sql statement and testing void payments with iVOS. 3) Working on with iVOS interface program issues (with minus amounts).
24-Sep-09	9.00	1) Completed proc program to move iVOS data into temp area, tested and fixed bugs. 2) Working on with AR-customer location mapping issues.
25-Sep-09	8.00	1) Working on with server memory issues and resized memory for all databases. 2) Resolved AR customer mapping issues. 3) Co-ordination with Michelle to fix mailing system data issues.
26-Sep-09	4.00	1) Created sql script to insert data into AR interface table and Working on with AR interface table issues.
28-Sep-09	8.00	1) Working on with AR interface table issues. 2) Created auto accounting types for AR interface.
29-Sep-09	8.00	1) Created new line transaction flexfield to resolve AR interface issues. 2) Resolved AR interface issues. 3) Did a manual update for customer information and tested AR interface.
30-Sep-09	8.00	1) Checked auto invoice batch from application to see all the fields are populated. 2) Altered interface upload temp table to include customer information to avoid manual update. 3) Upload script modified to include the new field definitions and working on with user interface design.
<b>Total</b>	<b>166.00</b>	



V-Soft, Inc.  
 888 Saratoga Avenue Suite 203  
 San Jose, CA 95129  
 (408)342-1700

# Invoice

DATE	INVOICE #
11/01/2009	4513
TERMS	DUE DATE
Net 30	12/01/2009

**BILL TO**  
 Herbert Pike  
 Association of Bay Area Governments  
 Metro Center, 101 Eighth Street  
 Oakland, CA 94607-4756

Project  
 Database Administration

Activity	Quantity	Rate	Amount
• Database Administration services for the month of October'09 for a total of 166 hours @ \$96.20/hour  <i>OK to pay</i> <i>charge all to our 305000</i> <i>was 116.0 hrs.</i>	166	96.20	15,969.20
<b>TOTAL</b>			<b>\$15,969.20</b>

*S.T.*

For Accounting Only	
Van#: 101172	Month: 10/09
Acct#	\$ 15,969.20
52100	305000 4000

Date	Hrs. Work	Remarks
1-Oct-09	8.00	1) Working on with iVOS-Financial Interface.
2-Oct-09	8.00	1) Working on with iVOS-Financial Interface.
5-Oct-09	8.00	1) Working on with iVOS-Financial Interface.
6-Oct-09	8.00	1) Working on with iVOS-Financial Interface. 3) Attended iVOS WebEx meeting.
7-Oct-09	8.00	1) Working on with iVOS-Financial Interface. 2) Distribution reports configuration changed to send reports to Ange and Charlene.
8-Oct-09	8.00	1) Working on with iVOS-Financial Interface. 2) Completed defining setup procedures on production instance. 3) Attended iVOS meeting.
9-Oct-09	8.00	1) Co-ordination with Fred to show user report locations on iVOS. 2) Tested new deductible billing report - no rows fetched and email sent to Wendy. 3) Working on with iVOS-Financial Interface.
13-Oct-09	8.00	1) Did backup of iVOS database and application before applying data fix. 2) Applied iVOS data fix for lost mail, issue#13 and 14 and re-created all history periods. 3) Working on with user interface.
14-Oct-09	8.00	1) Resolved Citrix connection issues for training session. 2) Going thro. iVOS Doc. Attachment related info. 3) Discussed with Windy about ded. Billing report, doc. Attachment and creating production instance for iVOS. 4) Applied vendor state code fix.
15-Oct-09	8.00	1) Resolved login issues for plan examiners - training. 2) created user account for Eileen Barr on Citrix server to access RM. 3) Working on with user interface.
16-Oct-09	8.00	1) Working on with user interface. 2) Applied iVOS claims made date hot fix after taking backup. 3) Resolved BI login issues for Marcus.
19-Oct-09	6.00	1) Applied new changes and tested deductible billing report and feedback sent to Wendy. 2) Working on with user interface.
20-Oct-09	8.00	1) Working on with testing lost mail folder hot fix and discussed with Wendy. 2) Tested with all options and feedback sent to Wendy.

		3) Resolved budget upload issues for Susan.
21-Oct-09	8.00	1) Tested iVOS lost mail as per Wendy's request - but not working. 2) Resolved AR-Transaction complete/Incomplete issues. 3) Attended iVOS meeting. 4) Checking attachments in Riskmaster to see max. length.
22-Oct-09	8.00	1) Working on with iVOS test database cloning. 2) Discussed steps to be taken care before we send the data to iVOS for final conversion with Brian Kirking and Charlene. 3) Attended iVOS meeting.
23-Oct-09	8.00	1) Completed the database cloning. 2) Did a backup of iVOS software before revert back to old version and applied hot fix for PERI GL. 3) Tested claim mail to check incoming mails - working fine.
26-Oct-09	8.00	1) Testing claim log report and claim summary reports. 2) Attended meeting related to go-live iVOS. 3) Discussed with Wendy about Claim log report.
27-Oct-09	8.00	1) Attended PERI GL WebEx meeting to test upload. 2) Researching iVOS reports. 3) Working on with Oracle database memory issues.
28-Oct-09	8.00	1) Co-ordination with Fred to test manual check payments and tested deductible billing report. 2) Going thru the plan reports. 3) Discussed with Atti and downloaded tomcat, java files for production installation.
29-Oct-09	8.00	1) Attended meeting with plan related to reports. 2) Going thru plan reports. 3) Attended iVOS meeting. 4) Completed installing Apache-Tomcat and JDK on the new plan server and installed iVOS software, tested working fine.
30-Oct-09	8.00	1) Preparing for RM final day activities. 2) Resolved attachment table deletion issues for Fred. 3) Co-ordination with Fred to run required reports. 4) Files uploaded to iVOS FTP site and email sent to Wendy.
<b>Total</b>	<b>166.00</b>	



Date	Hrs. Work	Remarks
2-Nov-09	5.00	1) Did hardware test on iVOS production server and tested outgoing and incoming mail service. 2) Applied Case Load Management hot fix on the production server.
3-Nov-09	8.00	1) Working on with production instance connection issues. 2) Working on with compressing RM attachment files. 3) Working on with Oracle tech support website configurations issues.
4-Nov-09	8.00	1) Working on with compressing RM attachment files. 2) Resolved connection issues and tested production instance. 3) Downloaded final conversion files from iVOS ftp site and started importing data.
5-Nov-09	8.00	1) Working on compressing RM attachment files. 2) Resolved budget upload issues for Susan. 3) Data imported and tested querying some claims and running reports.
6-Nov-09	8.00	1) Working on moving RM attachment to the new server. 2) Removed search tool bar from plan examiners workstation, created iVOS production link and changed IE settings.
9-Nov-09	9.00	1) Installed latest deductible billing report, tested and report sent to Char. 2) Did Oracle ODBC production instance connection setup for Fred. 3) Created reporting history period on production instance. 4) Created scheduler for incoming and outgoing mail.
10-Nov-09	8.00	1) Attended iVOS training and applied data fix for user setup issues.
12-Nov-09	9.00	1) Working on with Claim count between RM and iVOS and found claims under convert Riskmaster examiner name. 2) Co-ordination with Fred to resolve check printing scheduler issues. 3) Created scheduler for document imaging and tested with Brian. 4) Attended iVOS meeting and did report setup for ded. billing report.
13-Nov-09	8.00	1) Checking document imaging issues. 2) Attended iVOS support meeting. 3) Discussed with Wendy about report issues and document imaging. 4) Modified check register report.
16-Nov-09	9.00	1) Positive Pay and Bank transmittal report defined on production instance and explained to Charlene. 2) Created scheduler for report distribution and tested. 3) Working on creating report for 31 members. 4) Working on with Budget Mass Allocation issues.
17-Nov-09	8.00	1) Working on with creating invoice report for each member. 2) Applied Hot fix on Test Instance for Claim # generation issue and

		informed to Fred.
		3) iVOS server re-started after crash.
		4) Resolved iVOS connection issues on Marken laptop for remote access.
18-Nov-09	8.00	1) Resolved iVOS-Financial interface issues and discussed with Char related to Location updates. 2) Working on with creating invoice report file change for each member. 3) Created scheduler jobs for invoice report distribution. 4) Restarted iVOS server to resolve check printing batch issues.
19-Nov-09	8.00	1) Working on with positive pay upload options and created case with Tech support. 2) Attended internal iVOS meeting and discussed about the issues. 3) Working on with document imaging and going thru MDR reports. 4) Working on with creating separate scheduler jobs for Invoice printing.
20-Nov-09	9.00	1) Working on with document imaging. 2) Resolved Gina login issues. 3) iVOS server re-started after hang issues. 4) Did WebEx session with iVOS tech support related to Out of memory issues. 5) Researching invoice report issues and tested with different scenarios and email sent to Wendy.
23-Nov-09	8.00	1) Ran the scheduler job reports manually for all cities to resolve issues. 2) Created invoice report rename scheduler job to preserve the reports for future reference. 3) Discussed with Darrell, Gertruda and Fred related to MDR reports. 4) Working on with Claim close issue for Marken.
24-Nov-09	8.00	1) Positive pay steps explained to Charlene. 2) Researching attachments issues with iVOS and email sent to Wendy. 3) Attended iVOS meeting. 4) Did a WebEx with Ray related to existing issues.
25-Nov-09	5.00	1) Resolved payment scheduler job issues for Angela. 2) Discussed with Herb related to payment process issues. 3) Resolved missing checks issues and requested Carol to print checks. 4) iVOS log file send to Fred as per his request. 5) Co-ordination with Bruce to change scanner settings.
30-Nov-09	8.00	1) Researching Report distribution job failure and re-run the job manually to generate weekly invoices. 2) Ran financial interface manually due to report distribution job failure. 3) Did financial interface and working on with Document Imaging. 4) Working on with Mailing system data issues.
<b>Total</b>	<b>142.00</b>	



V-Soft, Inc.  
 888 Saratoga Avenue Suite 203  
 San Jose, CA 95129  
 (408)342-1700

# Invoice

DATE	INVOICE #
01/03/2010	4638
TERMS	DUE DATE
Net 30	02/02/2010

BILL TO
Herbert Pike Association of Bay Area Governments Metro Center, 101 Eighth Street Oakland, CA 94607-4756

*OK to pay*  
*[Signature]*

Project
Database Administration

Activity	Quantity	Rate	Amount
• Database Administration services for the month of Dec'09 for a total of 176 hours @ \$96.20/hour  <i>Handwritten notes:</i> FBAG 10/100 1 305000 (PLAN) 13 13000 305001 to be capitalized HRS. 80 \$ 7696 1250.60 7984.60 Total 176 16,931.20 Plan 52100 11401 30500 30500 CA CA	176	96.20	16,931.20

For Accounting Only	
Ven#: 1017	Month: 12/09
Acct#:	\$ 16,931.20
	7984.60

<b>TOTAL</b>	<b>\$16,931.20</b>
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Date	Hrs. Work	Remarks
1-Dec-09	8.00	1) Co-ordination with tech support related to document imaging testing and custom deductible billing issues with the void payment. 2) Deleted Gilroy related records from the financial interface and uploaded the new records with void payment. 3) iVOS server re-started after clearing work area and informed to Fred. 4) Resolved payment processing issues for Angela. 5) Working on with Mailing system data issues.
2-Dec-09	8.00	1) Tested removing IE8 and installed IE7 on the test system and iVOS works fine. 2) Co-ordination with Bank of the West tech support to resolve check scanner issue. 3) Resolved Budget mass allocation issues for Susan.
3-Dec-09	8.00	1) Co-ordination with tech support related to Financial interface issues. 2) Changed the invoice number manually for the financial interface run. 3) Discussed with Kim related to CMS installation. 4) Co-ordination with Atti and Bruce to install latest firmware software on the Xerox and tested scanning docs for iVOS - not working. 5) Created invalid report list and sent email for verification.
4-Dec-09	8.00	1) Going thru the Gery case and email sent to Angela. 2) Discussed Xerox tech support related to PDF file version. 3) Checking other possibilities to clone the production instance. 4) Cleaning archive data for RM, iVOS and financial databases. 5) Backup script changed for iVOS database and included in the cron job.
7-Dec-09	8.00	1) Backup script changed for Financial database and included in the cron. 2) Checking the interface program related to the recovery records. 3) Did financial interface and email sent to Charlene. 4) Working on with Wendy to update report id for all invalid reports. 5) Data uploaded to iVOS FTP site for Invalid Report data fix.
8-Dec-09	8.00	1) Cleaning the interface records. 2) Co-ordination with Fred to check scheduler job chaining issues. 3) Data fix applied on the production after taking backup and tested few reports and email sent to the users. 4) Checking on kernel parameters related to oracle memory for cloning.
9-Dec-09	8.00	1) Completed cloning production database as test and did iVOS config. 2) Co-ordination with Bruce to create another test email account for the Test Instance. 3) Tested document imaging PDF file with 1.5 version. 4) Applied data fix on the Test Instance for lost mail and tested.
10-Dec-09	8.00	1) Working on with past due report issues.

		2) Did a WebEx with iVOS to install CMS module on the test instance. 3) Working on with cloning another test instance for testing purpose. 4) Working on with clone issues.
11-Dec-09	8.00	1) Resolved clone instance issues and tested connecting cms clone and test clone instance - working fine. 2) Resolved Windows 7 Oracle client connection issues. 3) Discussed with Oracle related to Document Imaging Demo. 4) Completed renaming weekly invoice distribution attachments for iVOS.
14-Dec-09	8.00	1) Resolved Oracle server issues and informed plan and accounting users. 2) Resolved sql connection issues for Fred. 3) Working on cleaning different versions of Plan databases and checked with Fred to move compressed databases to DVD.
15-Dec-09	7.00	1) Co-ordination with tech support for claim-reserve issue and uploaded required documents. 2) Attended seminar. 3) Working on with space issues - compressing different versions of iVOS/RM database.
16-Dec-09	9.00	1) Co-ordination with tech support related to reserve tab issues for particular claim. 2) Attended iVOS meeting related to open ticket items. 3) Co-ordination with Atti to move plan data into DVD. 4) Working on with installing EM Grid database on the new server.
17-Dec-09	8.00	1) Co-ordination with Angela to resolve quarterly report issues. 2) Created scheduler job to create quarterly report history period. 3) Co-ordination with tech support to resolve claim reserve tab issues. 4) Working on with past due report issues.
18-Dec-09	8.00	1) Co-ordination with iVOS tech support related to Payments without payees. 2) Applied lost mail data fix on the new test instance and tested. 3) Attended document management demo by Oracle. 4) Data prepared related deductible billing report and sent to Brian.
21-Dec-09	8.00	1) Did financial interface and reporting script changed to bring AR invoice total and sent to Charlene. 2) Researching past due report issues.
22-Dec-09	10.00	1) Discussed with tech support related to 1099 update for iVOS. 2) Did data fix for Incident Name Issue on Test Instance and requested Fred to test - working fine. 3) Researching IE8 crashing issue on Windows 7 with mailing system. 4) Changed mailing system forms services configuration to point java client instead of Jinitiator client.
23-Dec-09	8.00	1) Installed Citrix client on Windows 7 64-bit system and tested RM.

		2) Co-ordination with tech support related to invalid objects.
		3) Installed new java client on accounting systems to access ABAG custom web interface.
		4) Co-ordination with Bruce to install IE8 on Michelle system and tested mailing system on Windwos7 - working fine.
		5) Working on setting up archive files scripts with cron job.
24-Dec-09	8.00	1) Researching options to upgrade Oracle Applications client on Test Instance to work with Windows7.
		2) Activated disabled triggers (related to Notepad) on the iVOS Test db.
		3) Resolved check process issues for Angela.
		4) Installed IE7 on Dan's system.
28-Dec-09	8.00	1) Going thru iVOS property invoices and negative GL invoices.
		2) Researching scheduler job run issues.
		3) Resolved mailing system connection issues on front desk computer.
		4) Completed patching Oracle Financial Test Instance to test Java client.
		5) Created financial interface file transfer scheduler job to transfer file to database server.
29-Dec-09	8.00	1) Working on with deductible billing report issues.
		2) Installed IE7 on Charlene's system and tested custom interface with java client.
		3) Applied data fix for incident name and hot fix for lost mail on production instance.
30-Dec-09	8.00	1) Changed deductible billing report design for property and discussed with Brian.
		2) Cleaning archive files for iVOS database and financial databases.
		3) Tested Oracle Financials on Windows 7 with java client - working fine.
31-Dec-09	6.00	1) Changed deductible billing report to include recovery due column.
		2) Working on with past due report changes.
		3) Tested custom web interface on Susan's computer with java client.
		4) Preparing iVOS database backup for Year end reporting purpose.
<b>Total</b>	<b>176.00</b>	



V-Soft, Inc.  
 888 Saratoga Avenue Suite 203  
 San Jose, CA 95129  
 (408)342-1700

# Invoice

DATE	INVOICE #
02/01/2010	4698
TERMS	DUE DATE
Net 30	03/03/2010

**BILL TO**  
 Herbert Pike  
 Association of Bay Area Governments  
 Metro Center, 101 Eighth Street  
 Oakland, CA 94607-4756

Activity	Quantity	Rate	Project
			Database Administration
Amount			
• Database Administration services for the month of <del>Dec 09</del> <b>JAN 10</b> for a total of 152 hours @ \$96.20/hour	152	96.20	14,622.40
<b>TOTAL</b>			<b>\$14,622.40</b>

*Handwritten notes:*  
 Ravi - Please advise how many hours  
 iVOS  
 PLAD Reg  
 other  
 www.crowneplaza.com 1.800.2CROWNE  
 Thanks, KW  
 11401  
 1701  
 \$1,858.10  
 3050.00  
 101.50  
 11764.30

SS

For Accounting Only	
Ven#: 10172	Month: 2/10
Acct#:	\$ <del>9764.30</del>
52100	30500 4000

Date	Hrs. Work	Remarks
4-Jan-10	8.00	1) Working on with iVOS interface issues (incident only claim). 2) Resolved financial application connection issues. 3) Working on with past due invoice report.
5-Jan-10	8.00	1) Completed testing past due invoice report and fixed alignment issues. 2) Interface report modified to include total checks, ded.and over ded. amt. 3) Created sql script to produce monthly interface report in excel. 4) Modified deductible billing report to fix summary totals for property inv. 5) Created rep. history period-last year and automated thru sch. job.
6-Jan-10	8.00	1) Working on with cleaning Ripley server to re-allocate space to SAN. 2) Discussed about the new FTP options with Herbert and Dan and form sent to the Bank. 3) Checked claim mail formatting issues on Test Instance and Production Instance - working fine - ignored the hot fix. 4) Working on with data issues related to sticky notes. 5) Applied hot fix related to Examiner notes on the Test Instance.
7-Jan-10	8.00	1) Researching sticky note issues related to claimant id null records. 2) Resolved custom web interface issues. 3) Changed browser settings for Roslyn's new OS Windows7. 4) Resolved sticky note issues and modified hot fix scripts to fix the bug.
8-Jan-10	8.00	1) Testing sample examiner notes on the Test Instance - looks ok. 2) Fixed mailing system data issues and created new db for vmware. 3) Testing financial test instance with new java client.
11-Jan-10	8.00	1) Working on with automating file transfer and uploading data using sqlldr. 2) Working on with iVOS interface data issues & report distribution issues.
12-Jan-10	4.00	1) Going thru forms services option on the new application server. 2) Shutdown database server and application services and startup again after maintenance work. 3) Downloaded latest patch comparison utility for financial and tested.
13-Jan-10	8.00	1) Attended MDR meeting. 2) Cleaning archive files for iVOS and financial databases. 3) Working on with Budget MassAllocation issues. 4) Downloaded form services software and going thru installation steps.
14-Jan-10	8.00	1) Working on with installing form services on the new Linux server. 2) Updated iVOS customer support site to close all the resolved cases.
15-Jan-10	8.00	1) Applied patches on the new linux server to resolve form service issues. 2) Working on with form service configuration. 3) Working on with Mass Budget allocation issues.

19-Jan-10	8.00	1) Working on with iVOS interface issues related to GL payment history. 2) Working on with network drive access on the Citirx server for plan dept. 3) Walk through the steps with Chantelle to access network drive. 4) Working on with form service configuration.
20-Jan-10	8.00	1) Completed form services configuration. 2) Working on with iVOS invoice attachment issues - under observation. 3) Created a script to compile all custom forms on the new server.
21-Jan-10	8.00	1) Working on with path issues on the mailing system. 2) Installed VMWare client on my system to resolve cursor issues. 3) Installed Oracle 11g on the new server and working with compiler conf. 4) Resolved iVOS connection issues on Angela's new laptop. 5) Working on with 2009-1099 patch on the test instance.
22-Jan-10	8.00	1) Working on iVOS positive pay new setup with the Bank. 2) Resolved check scanner connection issues for Dan and Lucy. 3) Created sql script to take summary of amount paid for the year and working on with the iVOS report.
24-Jan-10	4.00	1) Applied 1099 patches for Oracle Financials and client upgrade patches. 2) Working on with iVOS interface automation process.
25-Jan-10	8.00	1) Created unix script to send the positive pay report and created scheduler job to resolve the issues. 2) Resolved exception error on ivos trail version for Fred.
26-Jan-10	8.00	1) Working on with cloning iVOS database to debug correspondance and informed to Fred. 2) Check printing issue resolved. 3) Cloned financial database to test to debug mass budget allocation.
27-Jan-10	8.00	1) Working on with mass budget allocation issues. 2) Co-ordination with Carol to do document imaging. 3) Checked Chantelle VPN issues and informed to Bruce. 4) Applied data fix for examiner notes.
28-Jan-10	8.00	1) Working on with mass budget allocation issues. 2) Resolved check process issues for Carol. 3) Attended dept. meeting related to iVOS.
29-Jan-10	8.00	1) Co-ordination with Bruce to test IE browser on Charlene's system. 2) Changed browser settings on Lynn's computer and tested correspondance letter - working fine. 3) Attended Oracle WebEx meeting. 4) Co-ordination with Lucy to set up AR activity with distribution set.
<b>Total</b>	<b>152.00</b>	



V-Soft, Inc.  
 888 Saratoga Avenue Suite 203  
 San Jose, CA 95129  
 (408)342-1700

# Invoice

DATE	INVOICE#
02/28/2010	4749
TERMS	DUE DATE
Net 30	03/30/2010

**BILL TO**  
 Herbert Pike  
 Association of Bay Area Governments  
 Metro Center, 101 Eighth Street  
 Oakland, CA 94607-4756

Activity	Quantity	Rate	Amount
• Database Administration services for the month of Feb'10 for a total of 152 hours @ \$96.20/hour	152	96.20	14,622.40
<i>Plan</i>	43.50		4,184.70
<i>ABAG</i>	14		1,346.80
<b>For Accounting Only</b>			
Ven#: 10122 Month: 2/10			
Acct#: \$14,622.40			
52100 90101 801			
↓ 305001 - 40hr 4184.70			
30500 40hr 1346.80			
			9,090.90
			<b>TOTAL \$14,622.40</b>

ABAG - 94.50 hrs.  
 Plan - 57.50 Hrs. — IVOS  
 Total - 152.00

Date	Hrs. Work	Remarks
1-Feb-10	8.00	1) Cloned iVOS test instance as per Fred's request.
		2) Working on with Charlene's system related to IE issues.
		3) Checked browser settings for iVOS on Anglea's new computer and installed Citrix client and tested.
		4) Working on with mass budget allocation issues.
2-Feb-10	8.00	1) Working on with mailing system testing.
		2) Attended department meeting.
		3) Resolved mass budget allocation issues.
3-Feb-10	8.00	1) Installed separate oracle home for compiler demo programs on the new apps server and configured with mailing system.
		2) Working on with shell script execution issues.
4-Feb-10	8.00	1) Working on with preparing iVOS check printing procedures.
		2) Resolved iVOS bank transmittal letter issues.
		3) Working on with compiler issues.
5-Feb-10	8.00	1) Resolved compiler issues and shell script execution issues.
		2) Working on with creating new shell scripts to execute proc programs.
8-Feb-10	8.00	1) Resolved iVOS interface data load issues.
		2) Working on with developing sql script to list over/under deductible order by check number from the interface table.
		3) Modified monthly interface report program.
9-Feb-10	8.00	1) Resolved PCA upload macro icon missing issues for Susan.
		2) Resolved IE issues on Herbert's system.
		3) Modified iVOS interface program to resolve data issues.
		4) Applied hot fix on the Test Instance to resolve claim # generation issue.
10-Feb-10	8.00	1) Checked iVOS connection issues for Lynn.
		2) Co-ordination with Susan to resolve budget mass allocation issues.
		3) Working on with the workaround to resolve shell script issues.
11-Feb-10	8.00	1) Modifying proc programs on the new server.
		2) Resolved ADI connection issues on Charlene's computer.
		3) Resolved posted payment register issues for Lucy.
12-Feb-10	8.00	1) Resolved redo log files script issues for plan and financial databases.
		2) Working on with installing 10g database compiler on the new server.
16-Feb-10	8.00	1) Working on with fixing check date issues on the iVOS-Oracle interface.
		2) Included system messages in the report distribution email.
17-Feb-10	8.00	1) Working on with fixing data issues related iVOS-Oracle interface for

		Dec. batch.
		2) Created new report based on interface tables.
		3) Working on with interface proc program.
18-Feb-10	8.00	1) Installed VPN client on Marken's new laptop and did a workaround to resolve iVOS connection issues.
		2) Working on with changing Oracle interface program.
		3) Co-ordination with Carol to create a new claim.
		4) Generated positive pay report and sent to Dan for upload.
19-Feb-10	8.00	1) Researching property interface records mismatch issues.
		2) Testing mailing system on the new apps server.
		3) Modified weekly iVOS upload report.
22-Feb-10	8.00	1) Resolved interface scheduler issues and ran the reports.
		2) Working on with modifying interface program related to property.
		3) Testing custom developed reports on the new apps server.
23-Feb-10	8.00	1) Working on with interface data issues related to property and modified interface program.
		2) Resolved void check issues and check process corrected total amount informed to Carol.
		3) Created positive pay upload file and informed Dan to upload.
24-Feb-10	8.00	1) Resolved interface data issues related to property data and reuploaded for Dec-09 to Feb-10 and email sent to Charlene to verify the data.
		2) Modified user interface menu on custom web interface (for upload).
		3) Created weekly upload reports from Dec-09 to Feb-10.
25-Feb-10	8.00	1) Resolved Document Image Type issues on the user document menu.
		2) Resolved check processing issues for Carol and ran positive pay report.
		3) Co-ordination with Angela to create a correspondence letter.
		4) Started EM grid installation activities.
26-Feb-10	8.00	1) Working on with creating new user interface for reports.
		2) Working on with grid installation issues.
		3) Co-ordination with Lucy related to PTD report issues.
<b>Total</b>	<b>152.00</b>	



Date	Hrs. Work	Remarks
1-Mar-10	8.00	1) Created a new content set for Project to date income statement. 2) Completed the iVOS reports user interface and showed to Charlene. 3) Working on with iVOS tech support related to missing reporting history period and deductible billing report issues.
2-Mar-10	7.00	1) Did a webex session with iVOS tech support to resolved deductible billing issues. 2) Changed the interface report based on deductible billing report. 3) Researching information related to Oracle Financials 12 upgrade.
3-Mar-10	8.00	1) Working on with past due information related to plan corp. and found those are manual invoices & not from iVOS interface - Informed Susan. 2) Updated information related to hot fix applied to iVOS. 3) Working on with grid installation issues.
4-Mar-10	8.00	1) Working on with grid installation issues. 2) Preparing doc. related to server startup and shut down procedure. 3) Cleaning redo log files for Plan and Financial databases.
5-Mar-10	8.00	1) Working on with new report possibility related to claim summary. 2) Did checking plan and financial databases before going on Vacation. 3) Did backup of remote access files.
22-Mar-10	3.00	1) Working on with iVOS interface issues. 2) Created a case with iVOS tech support related to RHP issue and e-mail sent to Fred for follow up.
30-Mar-10	8.00	1) Modified iVOS invoice creation report parameters and transfer the data manually. 2) Ran Interface report and informed to Charlene. 3) Co-ordination with Dan related to payables credit memo issues. 4) Resolved iVOS connection issues for Darrell.
31-Mar-10	8.00	1) Working on with grid installation. 2) Co-ordination with Charlene to resolve positive pay issues. 3) Attended meeting related to TCDS.
<b>Total</b>	<b>58.00</b>	



V-Soft, Inc.  
 888 Saratoga Avenue Suite 203  
 San Jose, CA 95129  
 (408)342-1700

# Invoice

DATE	INVOICE #
04/30/2010	4846
TERMS	DUE DATE
Net 30	05/30/2010

**BILL TO**  
 Herbert Pike  
 Association of Bay Area Governments  
 Metro Center, 101 Eighth Street  
 Oakland, CA 94607-4756

Activity	Quantity	Rate	Amount															
• Database Administration services for the month of Apr'10 for a total of 176 hours @ \$96.20/hour  <i>AB</i> <i>901001</i> <i>PL00 305000 52100</i> <i>PL01 Capitalized for VOS 11401</i>  <table style="margin-left: 200px;"> <tr> <td></td> <td style="text-align: center;">HRS.</td> <td style="text-align: center;">\$</td> </tr> <tr> <td></td> <td style="text-align: center;">100</td> <td style="text-align: center;">9,620.00</td> </tr> <tr> <td></td> <td style="text-align: center;">43</td> <td style="text-align: center;">4,136.60</td> </tr> <tr> <td></td> <td style="text-align: center;">33</td> <td style="text-align: center;">3,174.60</td> </tr> <tr> <td></td> <td style="text-align: center;">161</td> <td style="text-align: center;">16,931.20</td> </tr> </table> <i>OK to Pay</i> <i>[Signature]</i> <i>CA</i>		HRS.	\$		100	9,620.00		43	4,136.60		33	3,174.60		161	16,931.20	176	96.20	16,931.20
	HRS.	\$																
	100	9,620.00																
	43	4,136.60																
	33	3,174.60																
	161	16,931.20																
<b>TOTAL</b>			<b>\$16,931.20</b>															

V-Soft Tax ID # 94-3233850

For Accounting Only	
Vent#:	Month: 4/10
Acct#:	\$ 13,756.60

*plan leab*  
*Accounting Only*  
 101172 Month: *4*  
 11401-0 \$ 3174  
 0

Date	Hrs. Work	Remarks
1-Apr-10	8.00	1) Working on installing webutil add-on. 2) Attended Oracle demo for Grants and Cash Management. 3) Uninstalled grid installation and started again to resolve issues.
2-Apr-10	8.00	1) Working on with em agent startup issues. 2) Working on with configuring webutil on Oracle Forms. 3) Completed cloning iVOS test instance and informed to Fred.
5-Apr-10	8.00	1) Resolved iVOS test instance connection issues. 2) Co-ordination with Lucy for Electronic deposit system. 3) Resolved budget upload issues for Susan.
6-Apr-10	8.00	1) Meeting with Ken, Herb and Brian related to TCD project. 2) Resolved iVOS connection issues and changed browser settings for Chantelle. 3) Working on with iVOS RHP creation issues. 4) Working on with Mass Budget Allocation issues.
7-Apr-10	8.00	1) Resolved RHP issues and ran weekly invoice and interface reports. 2) Working on with OS required packages to resolve grid installation. 3) Cleaning redo log files for iVOS and financial databases.
8-Apr-10	8.00	1) Working on with grid installation. 2) Testing webutil functions with Oracle Forms. 3) Resolved iVOS connection issues for Lynn on Windows7.
9-Apr-10	8.00	1) Working on with searching OS required packaged and created TAR with Oracle tech support. 2) Working on with Susan to resolve Mass Budget allocation issues.
12-Apr-10	8.00	1) Working on with iVOS billing related to property claims. 2) Attended internal meeting related to deductible billing issues. 3) Co-ordination with Atti to install OS packages. 4) Working on with grid installation.
13-Apr-10	8.00	1) Working on with grid installation. 2) Attended iVOS meeting. 3) Going thru deductible billing scenarios with iVOS system. 4) Co-ordination with Atti to resolve citrix connection issues and found workaround to resolve the issue.
14-Apr-10	8.00	1) Working on with grid installation. 2) Co-ordination with iVOS tech support related to missing payments.
15-Apr-10	8.00	1) Co-ordination with Charlene related GL import issues. 2) Co-ordination with Oracle tech support related to grid issues. 3) Going thru iVOS new release software enhancements.

16-Apr-10	8.00	1) Working on with grid database configuration. 2) Co-ordination with iVOS tech support to resolve interface issues.
19-Apr-10	8.00	1) Working with coding interface report into excel format. 2) Working on with creating database link between Financial and iVOS database. 3) Working on with over/under report to include iVOS claim details.
20-Apr-10	8.00	1) Completed over/under reports and created excel version. 2) Working on with creating script to generate financial year to link over deductible report.
21-Apr-10	8.00	1) Going thru deductible billing scenarios. 2) Completed over deductible report and linked with the user interface. 3) Attended deductible billing work group meeting. 4) Co-ordination with Angela related to report issues. 5) Did backup Plan database (for Cause code update).
22-Apr-10	8.00	1) Completed grid configuration and linked all databases to grid. 2) Exploring new options of EM. 3) Co-ordination with Atti to attach a new hard disk on the database server.
23-Apr-10	8.00	1) Testing database connection with new EM. 2) Checking interface report issues omitting leading zeros and changed the Over/Under report. 3) Going thru. EM new options.
26-Apr-10	8.00	1) Over deductible report modified. 2) Attended Accounts dept. meeting. 3) Working on with PR modification.
27-Apr-10	8.00	1) Working on with property interface report. 2) Meeting with IT convergence and discussed with Herb. 3) Working on with apps new server testing.
28-Apr-10	8.00	1) Completed proc modification related to property transactions and tested. 2) Working on with apps new server testing. 3) Working on with financial check printing issues.
29-Apr-10	9.00	1) Tested check printing with Gina - working fine. 2) Resolved iVOS positive pay issues for Charlene. 3) Working on with iVOS check register report. 4) Completed Oracle interface report and sent to Charlene.
30-Apr-10	7.00	1) Created scheduler jobs to run Property Reports and transfer files to database server. 2) Created scripts to upload property transactions and defined cron jobs on the database server. 3) Testing iVOS missing payments. 4) Resolved property payment processing issues and informed to Charlene.
<b>Total</b>	<b>176.00</b>	



V-Soft, Inc.  
 888 Saratoga Avenue Suite 203  
 San Jose, CA 95129  
 (408)342-1700

Invoice

DATE	INVOICE #
05/31/2010	4889
TERMS	DUE DATE
Net 30	06/30/2010

**BILL TO**  
 Herbert Pike  
 Association of Bay Area Governments  
 Metro Center, 101 Eighth Street  
 Oakland, CA 94607-4756

*Plan Lab*  
**For Accounting Only**  
 Ven#: 10M72 Month: 6/10  
 Acct#: \$ 3334.59  
 11401-00

Activity	Quantity	Rate	Amount
• Database Administration services for the month of May'10 for a total of 160 hours @ \$99.54/hour  <i>OK to pay</i> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p><u>Rauc</u>              # of HS  <del>33.50</del> (VOS impl.)  <del>6</del> PLAN              126.50 other              Total <u>160</u> ABAG</p> </div>	160	99.54	15,926.40
<b>TOTAL</b>			\$15,926.40

*IN IVAS*  
6/17/2010  
JP

PL01 11401 3,334.59

AB00  
 over head 18,591.81 - ABAG

15,926.40

Date	Hrs. Work	Remarks
3-May-10	8.00	1) Attended iVOS meeting related to actuary reports. 2) Working on with Mass Budget issues.
4-May-10	8.00	1) Installed financial patch comparison utility and did patch analysis. 2) Attended dept. meeting. 3) Working on with server migration options for financial applications.
5-May-10	8.00	1) iVOS Training. 2) Meeting with Gertruda and Gary related to iVOS reports.
6-May-10	8.00	1) Exploring iVOS report with different options. 2) Cleaned redo log files for Plan and Financial databases. 3) Going thru new Oracle Enterprise Manger version features.
7-May-10	4.00	1) Going thru documentation related to cross platform migration and discussed with Oracle tech support. 2) Going thru new Oracle Enterprise Manger version features.
10-May-10	8.00	1) Resolved Interface upload issues and corrected the reports to include check date and aligning issues. 2) Resolved journal posting issues for Susan. 3) Co-ordination with Charlene to create iVOS reports. 4) Working on with Mass Budget Allocation issues.
11-May-10	8.00	1) Resolved Mass Budget Allocation issues and informed to Susan. 2) Modified Income Statement template to remove "Acct" col. heading. 3) Working on with applying clone patches and pre-req. patches on the Test Instance.
12-May-10	8.00	1) Modified iVOS check register as per Charlene's request and did the same modification linked to void and weekly register. 2) Going thru check process issues and discussed with Fred. 3) Working on with installing Oracle client and ADI on Windows 7. 4) Researching documents related to guest link.
13-May-10	8.00	1) Working on with ADI issues on Windows 7. 2) Created a iVOS tech support case for the upgrade. 3) Working on with mailing system issues with Windows 7. 4) Co-ordination with Carol to resolve check processing issues. 5) Resolved WETA cross rule validation issues for Lucy.
14-May-10	4.00	1) Researching ADI documents related to Windows 7. 2) Co-ordination with Atti to resolve vmwa user login issues. 3) Going thru clone notes latest updates.

16-May-10	8.00	1) Applied AutoConfig template patch on the production and finished post install steps. 2) Applied Rapid Clone patch and completed post install steps. 3) Working on with cloning test instance.
17-May-10	8.00	1) Working on ADI issues with W7. 2) Working on with iVOS interface issues. 3) Did iVOS clone and informed to Fred.
18-May-10	8.00	1) Working on with cloning financial application. 2) Co-ordination with Fred issues related to iVOS. 3) Testing with Windows 7. 4) Working on with tech support related to Windows 7 issues.
19-May-10	8.00	1) Completed Windows 7 testing for financials & found ADI is not working. 2) Working on with tech support related to cloning issues. 3) Discussed with iVOS tech support related to the upgrade.
20-May-10	8.00	1) Attended meeting with Kari (iVOS) related to iVOS hosting service. 2) Working on with tech support related to cloning issues. 3) Property check details sent to Angela related to check addr. issues. 4) Co-ordination with Carol to resolve check printing issues. 5) Attended Oracle demo related to crystal ball. 6) Working on with fund source report issues.
21-May-10	8.00	1) Installed ODBC driver and tested on Windows 7 for Fred. 2) Working on with Cloning issues and updated tech support. 3) Going thru documents related to AP tax auto withheld. 4) Resolved report connection issues for Charlene.
24-May-10	8.00	1) Resolved Oracle Server issues and email sent to a/cing and plan dept. 2) Checking on scheduler reports and manually ran ivos interface reports. 3) Co-ordination with Gertruda to upload Gary reports into ivos system.
25-May-10	8.00	1) Working on with tech support related clone issues. 2) Attended iVOS technical meeting. 3) Installed sql developer tool and exploring the features. 4) Working on with moving data files to different location to avoid space issues during backup.
26-May-10	8.00	1) Working on with iVOS cloning for the upgrade. 2) Co-ordination with tech support related to cloning issues. 3) Co-ordination with Atti to download Oracle binaries from the backup. 4) Did the cloning steps again and found the issues are resolved.
27-May-10	8.00	1) Resolved financial cloning issues. 2) Co-ordination with Charlene to resolve interface issues. 3) Working on with member invoice reports modifications. 4) Completed the cloning and ran post clone scripts.
28-May-10	8.00	1) Testing Oracle Applications after clone. 2) Going thru cross platform migration documentations.

		3) Going thru iVOS upgrade documentation and applied hot fixes.
		4) Working on with check query user interface for Charlene.
<b>Total</b>	<b>160.00</b>	



V-Soft, Inc.  
 888 Saratoga Avenue Suite 203  
 San Jose, CA 95129  
 (408)342-1700

# Invoice

DATE	INVOICE #
07/01/2010	4930
TERMS	DUE DATE
Net 30	07/31/2010

BILL TO
Herbert Pike Association of Bay Area Governments Metro Center, 101 Eighth Street Oakland, CA 94607-4756

Activity	Quantity	Rate	Project
			Database Administration
			Amount
• Database Administration services for the month of Jun'10 for a total of 171 hours @ \$99.54/hour <i>HRS.</i> PLAN - 22.5 ⇒ 2,239.65 iVOS - 50.0 ⇒ 4,977 other - 98.5 ⇒ <del>12,844.34</del> 9,804.69 <hr/> 171                                   17,021.34	171	99.54	17,021.34
<b>TOTAL</b>			<b>\$17,021.34</b>

Date	Hrs. Work	Remarks
1-Jun-10	8.00	1) Working on with interface issues and ran manual process. 2) Completed iVOS cloning activities for the upgrade. 3) Discussed with iVOS tech. support related to the upgrade and started the upgrade process. 4) Co-ordination with Lucy for WETA new account set up process.
2-Jun-10	8.00	1) Going thru guest link issues and options. 2) Attended iVOS meeting. 3) Working on with iVOS upgrade. 4) Working on with check query user interface for Charlene.
3-Jun-10	8.00	1) Co-ordination with Lucy to set up WETA project and fund source. 2) Working on with check query user interface for Charlene. 3) Working on with Apps cross platform migration.
4-Jun-10	8.00	1) Working on with iVOS upgrade. 2) Working on with Apps cross platform migration. 3) Resolved Journal posting issues for Susan.
Weekend	4.00	1) Working on with deductible billing report modification (credit memo).
7-Jun-10	8.00	1) Resolved iVOS interface issues and informed to Charlene. 2) Working on with iVOS upgrade. 3) Working on with the Apps cross platform migration.
8-Jun-10	8.00	1) Installed JDK and testing db upgrade tool and feedback sent to iVOS tech support. 2) Working on with iVOS upgrade. 3) Created Oracle SR and discussed with the tech support issues related to finding the SR.
9-Jun-10	8.00	1) Working on with iVOS upgrade. 2) Resolved Oracle connection issues for Gina. 3) Report (Over/Under) modified. 4) Journal posting problem resolved for Susan.
10-Jun-10	8.00	1) Working on issues related to browser and JDK. 2) Working on with iVOS upgrade.
11-Jun-10	8.00	1) Working on with iVOS upgrade. 2) Working on with apps migration. 3) Changed LDAP address on ivos test conf and then changed on iVOS production system.
14-Jun-10	8.00	1) Working on with iVOS upgrade. 2) Resolved apps migration issue related to OS package.

15-Jun-10	8.00	1) Working on with apps migration. 2) Created printer configuration on the new linux server.
16-Jun-10	8.00	1) Completed migrating apps tier from solaris to linux on vmware. 2) Resolved connection issues and testing the application.
17-Jun-10	4.00	1) Attended iVOS meeting. 2) Working on with coding related to credit memo.
18-Jun-10	8.00	1) Working on testing printer from linux server. 2) Did a WebEx with iVOS tech support to resolve upgrade issues. 3) Working on with post upgrade steps.
Weekend	2.00	1) Resolved iVOS scheduler job issues and ran the report manually.
21-Jun-10	8.00	1) Completed iVOS test upgrade to 4.3.2.1 and informed users for testing. 2) Checking other registry settings and discussed with tech support. 3) Testing guest link procedure on iVOS.
22-Jun-10	9.00	1) Working on with Credit memo upload issues. 2) Installed dataload on Gina's computer. 3) Going thru bickmore script, tested on test db and sent email to Fred.
23-Jun-10	8.00	1) Testing Oracle Applications apps tier on the vmware environment. 2) Going thru apps upgrade procedures. 3) Discussed with Sympro tech support related to the upgrade.
24-Jun-10	8.00	1) Going thru upgrade documentation. 2) Attended iVOS meeting. 3) Applied apps tier patch on the test instance and going thru the report.
28-Jun-10	8.00	1) Resolved Oracle connection problem and informed to Gina. 2) Created next financial year calendar entires using dataload for ABAG and WETA set of books. 3) Resolved interface issues and reports regenerated. 4) Working on with Oracle connection issues with Dan's new laptop.
29-Jun-10	8.00	1) Working on with apps upgrade. 2) Ran the Bickmore script and the output sent to Bickmore for testing. 3) Sympro software files uploaded to their FTP site for upgrade. 4) Installed Oracle client and resolved connection issues for Dan.
30-Jun-10	8.00	1) Installed ADI on Dan's system. 2) Working on with AR interface issues. 3) Working on with apps upgrade.
<b>Total</b>	<b>171.00</b>	