

SUMMARY

Task No	TASK DESCRIPTION	Hours	Rate	Amount
1	Database Conversion - Phase I	96	95	\$9,120
2	Preliminary VB6 code conversion to VB.Net 2010 - Phase I	160	95	\$15,200
3	VB6 to VB.Net Conversion Phase II (address Phase I issues)	320	95	\$30,400
4	Create a set-up disk with customized installation program and files to be installed/registered	96	95	\$9,120
5	VB6 to VB.Net Conversion/Modification Phase III	100	95	\$9,500
6	VB.Net 2010 Conversion/Modification Phase IV - Version Control	120	95	\$11,400
7	VB.Net 2010 Conversion/Modification Phase V - Archiving and Restoring Data	120	95	\$11,400
8	CPMS VB.Net Conversion/Modification Phase VI - Reports (Task 8.1, 8.2, and 8.3)	200	95	\$19,000
9	CPMS VB.Net 2010 Modifications Phase VII - Misc. Enhancements	120	95	\$11,400
10	CPMS VB.Net Modifications Phase VIII - Online Help	120	95	\$11,400
11	New Installation Program	60	95	\$5,700
12	Network Deployment and Testing	160	95	\$15,200
	SUBTOTAL	1672		\$158,840
	OOP - Travel (not included)			\$0
	(Software purchases/upgrades will be the responsibility of the developer)			
	OOP			\$0
	GRAND TOTAL			\$158,840

Task No.	TASK DESCRIPTION			
1	Database Conversion - Phase I	96	95	\$9,120
1a	Convert CPMS Access database to SQL2010			
1b	Modify 'tbl00_FileInfo' to contain version data			
1c	Set/reset SQL 2010 database properties for each field			
1d	Modify CPMS database connection properties			
1e	Install SQL 2010 Provider			
1f	Modify ADO and ADOX database access/security programming to connect to SQL2010			
1g	Test (existing) CPMS software on converted SQL2010 database			
1h	Identify issues related to database connectivity including security issues			

Task No.	TASK DESCRIPTION			
2	Preliminary VB6 code conversion to VB.Net 2010 - Phase I	160	95	\$15,200
2a	Modify 'tbl00_FileInfo' to contain version data			
2b	Preliminary conversion of ADO and ADOX code embedded in VB6 code			
2c	Modify ADO and ADOX code within CPMS to ADO.Net and ADOX.Net			
2d	Test preliminary CPMS.VB.Net on SQL 2010 database (current structure)			
2e	Test preliminary CPMS.VB.Net on Excel financial file (current structure)			
2f	Identify issues related to database connectivity, security, user interface (GUI), and reports			

Task No.	TASK DESCRIPTION			
3	VB6 to VB.Net Conversion Phase II (address Phase I issues)	320	95	\$30,400
3a	Modify 'tbl00_FileInfo' to contain version data			
3b	Test operation of Phase II CPMS VB.Net 2010 conversion on SQL 2010 database (existing structure)			
3c	Test operation of Phase II CPMS VB.Net 2010 conversion on Excel financial file (existing structure)			
3d	Testing and debugging			

Task No.	TASK DESCRIPTION			
4	Database Conversion - Phase II	96	95	\$9,120
4a	Modify 'tbl00_FileInfo' to contain version data			
4b	Create additional fields in all project tables for version control			
4c	Set/reset field properties			
4d	Develop utility program to import Access databases (assume 6-8 CPMS versions)			
4e	Test SQL 2010 Phase II database on VB.Net Phase II conversion			
4f	Test edit/multi-user concurrent edit/auto refresh			
4g	Identify issues with GUI, multi-user edits, auto refresh, and reports due to database changes			

Task No.	TASK DESCRIPTION			
5	VB6 to VB.Net Conversion/Modification Phase III	100	95	\$9,500
5a	Modify 'tbl00_FileInfo' to contain version data			
5b	Modify CPMS VB.Net 2010 modules to conform to updated GUI			
5c	Modify CPMS VB.Net 2010 modules to address issues identified during the testing of Phase II			
5d	Test and debug GUI, existing CPMS reports, and existing Excel reports			

Task No.	TASK DESCRIPTION			
6	VB.Net 2010 Conversion/Modification Phase IV - Version Control	120	95	\$11,400
6a	Modify 'tbl00_FileInfo' to contain version data			
6b	Modify routine to update tbl00_FileInfo			
6c	Modify routine that retrieves and saves user default values for file Open/FileSave/FileSaveAs			
6d	Create new screen dialogue for File Open, File Save, and File Save As			
6e	Programming to retrieve and save versioned datasets from/to monolithic SQL 2010 database			
6f	Programming to save 'Working' version to current 'published' version			
6g	Programming to save 'published' version as separate PRISM SQL 2010 database			
6h	Testing and debugging			

Task No.	TASK DESCRIPTION			
7	VB.Net 2010 Conversion/Modification Phase V - Archiving and Restoring Data	120	95	\$11,400
7a	Modify 'tbl00_FileInfo' to contain version data			
7b	Query 'Active' SQL 2010 database for available year/version (exclude current and previous year?)			
7c	Programming to copy datasets based on Year and Version to 'Archive' file			
7d	Programming to check if archived file was successfully created (check record count and tbl00_FileInfo)			
7e	Programming to delete datasets from 'Active' database if successfully archived			
7f	Programming to update tbl00_FileInfo version directory for both the 'Active' and 'Archive' database			
7g	Programmming to allow saving to multiple 'Archive' database based on year and version range			
7h	Programming to retrieve a dataset from the 'Archive' and transfer to 'Active' SQL 2010 database			
7i	Automatic archiving of deleted project to a 'Deleted' database			
7j	Ability to restore project from a 'Deleted' archive or another archive file			
7k	Testing and debugging			

Task No.	TASK DESCRIPTION			
8	CPMS VB.Net Conversion/Modification Phase VI - Reports (Task 8.1, 8.2, and 8.3)	200	95	\$19,000
8.1	Modify 'tbl00_FileInfo' to contain version data Upgrade/Modifications to Existing CPMS Reports	120	95	\$11,400
8.1a	Install Crystal Reports Version 14 Developer Edition			
8.1b	Convert all CPMS reports to Crystal Version 14			
8.1c	Modify/Remap reports for new SQL 2010 database structure (27 report design modules @ 4 hours each)			
8.1d	Test and Debug all CPMS reports			
8.2	New and/or Enhanced CPMS Reports	40	95	\$3,800
8.2a	Create two (2) new reports @ 16 hours each			
8.2b	Modify/Enhance one (1) existing report @ 16 hours			
8.2c	Review/Test Phase Analysis Report Refinements			
8.2d	Explore linking to a PRISM database to get actual status data for Phase Analysis report			
8.3	Consolidate Excel Financial Reports	40	95	\$3,800
8.3a	Consolidate Excel Reports			
8.3b	Modify CPMS.VB.Net programming to transfer data from from CPMS to Excel			
8.3d	Test and Debug			

Task No.	TASK DESCRIPTION			
9	CPMS VB.Net 2010 Modifications Phase VII - Misc. Enhancements	120	95	\$11,400
9a	Modify 'tbl00_FileInfo' to contain version data			
9b	Misc. Optimization Improvements			
9c	Testing and Debugging			

Task No.	TASK DESCRIPTION			
10	CPMS VB.Net Modifications Phase VIII - Online Help	120	95	\$11,400
	Modify 'tbl00_FileInfo' to contain version data			
10a	Convert Word-based Help Files to HTML format			
10b	Update CPMS Help files to reflect changes since it was last updated			
10c	Include new screens			
10d	Include new reports			
10e	Update description of database files			
10f	Update procedures/instructions relating to file operations			
10g	Testing and debugging			

Task No.	TASK DESCRIPTION			
11	New Installation Program	60	95	\$5,700
	Modify 'tbl00_FileInfo' to contain version data			
11a	Customize Install Shield or other third party installation software for CPMS.VB.Net			
11b	Installation script for CPMS.Net modules, files, user preferences, and environmental variables/constants			
11c	Consider installing user defaults, default database location, and database to registry			
11d	Compile installation program			
11e	Create a set-up disk with customized installation program and files to be installed/registered			
11f	Testing and debugging			

Task No.	TASK DESCRIPTION			
12	Network Deployment and Testing	160	95	\$15,200
12a	Modify 'tbl00_FileInfo' to contain version data			
12b	Resolve multi-user conflicts			
12c	Automatic data refresh			
12d	Resolve any access/security issues			
12e	Testing and debugging			