

SERVICES WORK ORDER

This Services Work Order ("Work Order or SOW") is subject to all terms and conditions of the Software Services Agreement between **INFOR (US), INC.** ("Infor") and **Fort Bend County, TX** ("Licensee") with an Effective Date of **August 1, 2006** (the "Services Agreement"). All terms of the Services Agreement are incorporated herein by this reference. Capitalized terms not defined in this Work Order are defined in the Services Agreement. In the event of a conflict, the terms of this Work Order control over the terms of the Services Agreement.

Effective date of this Work Order: As of last party signing this SOW Work Order Number: N/A

Prepared By: Rebecca Langren

Approved By: Paul Davis

Project Name:	Lawson 10xUpgrade with SaaS Migration
Objective:	<p>Migrate and upgrade Licensee's existing Lawson 9.0.1.13.717 version to SaaS and upgrade all Lawson application components to Infor 10.</p> <p>Infor to provide migration services to support knowledge transfer, configuration and unit testing for Licensee's Lawson Cash Receipt customization from existing Lawson 9.0.1.13.717 version to SaaS Infor 10.</p>

Project Scope

Infor Consulting Services will perform the following tasks in support of the Upgrade of Licensee Lawson application components and migration to SaaS.

The scope of this engagement is based on information given to Infor by the Licensee and the key assumptions detailed in this Work Order. Infor shall provide an upgraded ERP System, and has included the Component Systems below, necessary to achieve functionality features as per the Licensee's current version 9 Lawson ERP System. Infor will upgrade and migrate all Licensee version 9 Lawson system and application data to the most current Infor Lawson version 10 configuration.

1.1 Licensed Software Subscription included in the Project scope are:

Subscription Software	
1	Infor CloudSuite Public Sector Financials and Procurement Subscription
2	Infor Lawson Grant Management Bundle Subscription
3	Supplier Relationship Mgmt (Strategic Sourcing, Contract Mgmt, Supplier order mgmt.) Bundle Subscription
4	Design Studio Subscription
5	Infor CloudSuite HCM Payroll Subscription ALC

License Software Scope Assumptions and Licensee Obligations

- Any subscription software licenses required for this project will need to be purchased separately by the Licensee and are covered by a separate Subscription Software License and Services Agreement. All Licensed Subscription Software is subject to the terms of the Subscription License and Services Agreement and nothing herein shall serve to modify such terms or expand the scope of the Subscription Software granted thereunder.
- Installation of subscription software needed to support this project will be performed by Infor Cloud Operations. As Licensee will be moving to Infor Cloud, Infor will stand up the environments needed to support this project under the Subscription Service Order Form. Infor will coordinate installation activities mutually with the Licensee's technology team.
- Unless otherwise noted, a test and production environment/instance will be implemented for Licensee, using single common configuration and business processes. The production environment will have one product line currently identified as prodpl in Licensee's current on premise environment. The test environment will have two product lines currently identified as testpl and prodpl in Licensee's current on premise environment.
- For all applications listed above, each will be upgraded with the latest generally available Infor software version at the time software delivery. The Licensee intends to upgrade the Infor solution using industry standard best practices with no changes to the delivered source code, except as noted in Section 1.5 Extensions and Modifications Scope.
- Implementation services of d/EPM and ION is not within the scope of this SOW.

1.2 UpgradeX Activities and Deliverables Scope: Throughout the course of the Project, a large number of deliverables will be created, and activities performed. The deliverables or activities listed below are identified as the subset of deliverables and activities required for the acceptance process, as further described in Exhibit A.

The following project activities and services, to be provided by ICS, are in scope for this project:

Migration and upgrade of all Licensee Lawson version 9 products currently licensed to Infor 10.x and Licensee V9 production configuration for all current reports, interfaces, process flows, smart notes, design studio modifications, dashboards and application extensions as appropriate moving to the Infor Cloud. Smart notes, design studio modifications and dashboards may require redevelopment for Infor 10.X which will be the responsibility of Licensee.

Project Management:

Infor will prepare project management status reports every month throughout the project. Project reports are intended for the Executive Sponsor and Infor Executive Sponsor and will provide the following key elements:

- Project Status including Project Budget and Financials
- Summary of accomplishments
- Status of key activities and deliverables
- Upcoming tasks and schedule
- Issues/Risks
- Planned risk mitigation strategy
- Summary of change requests
- Issues requiring escalation for resolution

Inception Phase:

- Project Inception
 - Define project team, create communication plan, project schedule, project team training plan, issue log template and review project status reporting
 - Infor and Licensee will develop mutually agreed upon project processes, documentation and approval structures for support and review of project status, accomplishments, invoicing and payment in accordance with the terms of this Work Order.
 - Any additional requirement(s) not specified in this Work Order, or identified during the course of the Project will be addressed using the Change Order Control Process. Using Infor's standard change control process, both Parties will mutually define the change control process for the Project including authorized approvers, communication requirements, approval timelines and associated documents. A sample Infor Change Control document is referenced in Exhibit D.

Elaboration Phase:

- LSF Server - Test
 - Upgrade Applications to 10 to establish initial test instance on test server
 - Production data migrated (pass 1)
- Landmark Server - Test
 - Upgrade Applications to 10 to establish initial test instance on test server
 - SS/CM production data migrated (pass1)
 - IPA flows migrated and converted
- LBI Server – Test
 - Upgrade Applications to 10 to establish test instance on test server
 - Rebuild LBI
 - Republish and Convert Crystal Reports
- Ming.le 2 day on-site Training for up to 14 Licensee attendees
- Up to 40 hours of overview and workshop as mutually defined of Ming.le industry foundation.
- Knowledge transfer on utilization of Ming.le in day to day operations
- Knowledge transfer in the strategic use of Ming.le

Construction Phase:

- System Integration Testing Complete
 - Consulting on functional differences related to upgrade and assistance with issue resolution
 - Execute test scripts

Transition Phase:

- LSF Server - Production
 - Upgrade Applications to 10 to establish prod instance on production server
 - Production data migrated (pass 2)
- Landmark Server - Production
 - Upgrade Applications to 10 to establish prod instance on production server
 - SS/CM production data migrated (pass 2)
 - IPA flows migrated from test to production
- LBI Server
 - Upgrade Applications to 10 to establish prod instance on production server

- Migrate LBI from test to prod
- Production Validation and Readiness Assessment

Optimize Phase:

- Production Cutover and Go Live Support
 - Conduct Mock "Go Live"
 - Production Cutover and go-live of Infor 10.x (pass 3)
 - Final data migration and support successful "Go Live"
- Post Go Live Support and Project Close
 - Provide up to 48 hours remote go-live support over 4 business weeks
 - Infor Project Manager will provide closing project documentation as mutually agreed to Licensee

1.3 Organizational and Geographic Scope: As provided herein, the parties anticipate that Services will be performed for the following Licensee locations and/or business units ("Geographic Scope"). All Project activities will be conducted either remotely or at Licensee sites located at **Fort Bend County, TX.**

Organizational and Geographic Scope Assumptions and Licensee Obligations

- Licensee will coordinate and support communication with all Licensee locations and/or business units as necessary for a successful implementation.

1.4 Interface / Integration Scope: "Interfaces" means those objects that allow data to move either into or out of the installed applications, either in batch, real-time or near-real time. Interfaces are defined by the business processes they facilitate, the points during those processes where data is exchanged, the frequency in which data is exchanged, and the method by which the data is exchanged.

The following is an initial list of interfaces identified in Licensee's current Version 9 product line. Infor will provide advice and guidance for all Licensee interfaces in Licensee's current Version 9 production product line being upgraded to Version 10.

- 3rd Party product BSI Tax factory
- FAX Integrator which will remain in Licensee infrastructure environment

Interface Assumptions and Licensee Obligations

- Licensee is responsible for addressing any changes required to current version 9 interfaces.
- Licensee is responsible for testing all interfaces and associated 3rd Party applications.
- Licensee is responsible for data validation efforts associated with interface testing, ensuring interfaced data, including any transformation, mapping or aggregating logic, is performing correctly.

1.5 Extensions and Modifications Scope: "Extensions and Modifications" refer to the modification of delivered Infor objects, or the creation of new objects to extend functionality.

Extensions and Modifications may include, but are not limited to the following:

- The following is an initial list of extensions and modifications identified in Licensee's current Version 9 product line:
 - Cash Receipt customization
 - Cash Receipt customization as per Licensee technical specifications (Exhibit B) provided to Infor or as mutually defined.
 - XX100 customization
 - Modify Licensee HTML code and replace V9 Lawson server references with V10 Lawson server reference to support ESS external access
 - Migration of all current database tables, stored procedures and other database objects added to the Lawson V9 database by Licensee.

Extension and Modifications Assumptions and Licensee Obligations

- This Project is based on the upgrade of commercial off the shelf software (COTS). Unless otherwise identified in this section, the scope of the Project will only upgrade standard, unmodified, functionality.
- Licensee is responsible for addressing any changes required to current Lawson version 9 extensions and modifications with the exception of the following extensions/customizations:
 - Cash Receipt customization
 - XX100 customization
 - Modify Licensee HTML code and replace V9 Lawson server references with V10 Lawson server reference to support ESS external access
 - Migration of all current database tables, stored procedures and other database objects added to the Lawson V9 database by Licensee.

1.6 Business Process and Report Management Scope:

Infor will upgrade Licensee's current Version 9 Infor Process Flow to Infor Process Automation version 10 with support and input from Licensee. All existing Process Flows will be migrated.

Process Flows:

- Infor will provide advice and guidance in re-entry of Licensee's current Version 9 LBI Dashboards to version 10. Licensee is responsible for re-entry of LBI Dashboards in Version 10.
- Licensee is responsible for addressing any changes required to current version 9 custom reports, dashboards, design studio modifications, interfaces, and smart notes.
- Infor will provide advice and provide guidance upgrading the Licensee's current version 9 Production Line reports, dashboards and smart-notes. Infor advice and guidance are inclusive in the 40 hours of application assistance in testing and knowledge transfer of Infor 10. Licensee and Infor Project Managers will mutually agree to work tasks before Infor work is initiated.

1.7 Additional Scope-Related Assumptions:

- Licensee is responsible for all testing and functional aspects of the upgrade with the exception of the Cash Receipt customization which Infor will provide unit testing.
- Infor Process Automation (IPA) requires a Landmark 10 instance in order to move the LSF process flows to IPA. For this reason, IPA will be implemented concurrently with the Infor 10 upgrade and move to SaaS. Infor will stand up environment for Infor 10 IPA with Licensee subscription license. Infor will migrate to IPA version 10 with support and input from Licensee.
- Services will be provided primarily remotely by our Center of Excellence resources, with some on-site assistance to address LBI and IPA functionality.
- Infor will provide up to 120 hours of application assistance in testing and knowledge transfer of Infor 10 differences. Licensee and Infor Project Managers will mutually agree to work tasks before Infor work is initiated.
- IPA and LBI will all be moved and in production on the most current available version 10 release prior to the start of the Infor/Landmark 10 migration.
- Licensee and Infor will coordinate installation of the software to be completed prior to the start of each server upgrade.
- Services will be performed primarily remotely with some on-site consulting included. This work will be scheduled by the Infor Project Manager in discussions and planning with the Licensee Project Manager.
- For single-sign on, Licensee needs to install ADFS (or any SAML 2.0-compliant identify provider), which is a mandatory requirement for single-sign-on in the Infor Cloud. Licensee currently uses internal Lawson Security (LS) repository for authentication. Licensee will be responsible for exporting/remapping of current LS user ids to match to AD and implement ADFS on-premises.

Reports Scope Assumptions and Licensee Obligations

- Licensee is responsible for testing and data accuracy of all reports.
- No report development is in scope for this Work Order.

1.8 Go-Live Scope: "Go-Live" is defined as the first time Licensee uses the Licensed Software to process data in Licensee's live production environment. Go-Live support is the work required to complete the cutover. Go-Live and post Go-Live tasks for the period of time described below.

- Go-Live Cutover Plan
- Go-Live Event
- Post Go-Live Support
 - Up to 48 hours Post Go-Live Support

Go-Live Support Assumptions and Licensee Obligations

- If the Licensee is not ready to Go-Live upon completion of the Services described in this SOW, additional Services and training may be required ("Additional Work"). Licensee will conduct the first month's end close during the first week of the month immediately following the Go-Live date.
- The Infor Project Manager will work together with the Licensee Project Manager to develop a joint post Go-Live support resource plan.
- Licensee process owners and key users will provide first line support to Licensee end users.
- Infor consultants will support the Licensee process owners and key users with resolution of process questions and provide Infor application assistance where required subject to the Go-Live consulting hours above.

1.9 Training:

Training is provided under separate order form and outside the scope of this SWO. The following training is recommended to support the project.

- Lawson System Foundations Version 10
 - Public or Virtual training
 - 5 day course for 2 attendees
- Lawson Configuring and Using Process Automation Version 10
 - Public or Virtual training
 - 5 day course for 2 attendees

Training Assumptions and Licensee Obligations

- For Licensee-site training, Licensee will provide training accommodations and facilities including a computer work station for every attendee, a computer workstation for the instructor, Infor training data loaded on a server

and accessible by each workstation, printer access from each workstation, white board and flip-chart with markers, and a computer projector.

- For the avoidance of doubt:
- All Learning Workshops and Private Labs are held on-premises at Licensee location.
- All Public Labs are remote.
- All Virtual Labs are provided on-line.

1.10 End User Training Scope: The End User Training activities identified below are within the Project scope. Licensee will be responsible for all End User Training activities.

- No Additional End User Training is in scope

End User Training Assumptions and Licensee Obligations:

- Licensee will be responsible for all aspects of end-user training including planning, content development, delivery, and training environments.

Project Deliverables

Project Plan – provided by Infor and to be jointly managed

Status Reports – provided by Infor and forwarded to Licensee by Infor

Issue Log – to be jointly managed by Licensee and Infor Project Manager

Move to production instructions – to be jointly constructed by Licensee and Infor Project Manager

Provide consulting resources and support to migrate Licensee Cash Receipt customization from Lawson V9 to V10.

Provide consulting resources and support to migrate Licensee XX100 customization from Lawson V9 to V10, estimated at 8 hours.

Provide consulting resources and support to migrate Licensee ESS external access including modify the Licensee's HTML code, and replace any references to the v9 Lawson server, with the correct references to the v10 Lawson server, estimated at 4 hours effort.

Project Assumptions

Upgrade10X Assumptions

- IPA requires a Landmark 10 instance in order to move the LSF process flows to IPA. For this reason, IPA will be implemented concurrently with the Infor 10 upgrade and move to SaaS.
- Licensee is responsible for all testing and functional aspects of the upgrade.
- Services will be provided primarily remotely by our Center of Excellence resources, with some on-site assistance to address LBI and IPA functionality.
- Licensee is responsible for addressing any changes required to current modifications, design studio modifications, dash boards, smart notes, interfaces, and/or custom reports
- If LBP is being deployed by Licensee, LBP must be at a minimum patch level 24.
- Licensee, ICS, and the Infor Cloud organization will coordinate installation of the software to be completed prior to the start of each server upgrade.
- Limited functional assistance is included with this project. Should additional functional assistance be required, this would be addressed via a change order.
- Any Smart Office V9 functionality will not be migrated to V10
- Services will be performed primarily remotely with some on-site consulting included. This work will be scheduled by the Infor Project Manager in discussions and planning with the Licensee Project Manager.
- Reference Exhibit A for proposed and estimated hours associated with project work tasks. Licensee and Infor Project Managers will develop a mutually agreed upon project plan as part of project initiation activities.
- Project team members assigned to the project by Infor will be thoroughly knowledgeable about the product functionality and technical attributes of the product, and capable of performing their appropriate project roles.
- Any anticipated changes to the project team by either party will be communicated to Licensee or Infor with a good faith effort to provide notification 5 working days prior to the change, along with an evaluation of the impact of any project team replacement.

Project Exclusions

Anything not included in this SWO is excluded.

With the exception of BSI Tax Factory, Licensee 3rd Party applications associated with the Lawson application are not included in migration to the SaaS CloudSuite environment.

Infor Responsibilities

- Infor will provide technical consultants to migrate and upgrade the current versions to Infor 10.
- Infor will provide project management and coordination with the Licensee team.
- Infor will provide knowledgeable, skilled resources to migrate Licensee Cash Receipt customization from current version 9 to Infor 10 with appropriate unit testing.
- Infor will provide knowledgeable, skilled resources to migrate Licensee XX100 customization from current version 9 to Infor 10 with appropriate unit testing.

- Infor will provide knowledgeable, skilled resources to migrate License ESS external access including modify the Licensee's HTML code, and replace any references to the v9 Lawson server, with the correct references to the v10 Lawson server.
- | Licensee Responsibilities |
|--|
| <ul style="list-style-type: none"> • Licensee will provide knowledgeable resources to participate in the project. • Licensee project team resources will be empowered to make decisions related to the setup and use of the system. • Licensee will be responsible for testing and acceptance of the tasks within this SWO. • Licensee will be responsible for all functional and technical testing of the upgraded releases. • Licensee will be responsible for configuration of any required changes in version 10 for design studio, dashboards, smart notes, reports and interfaces. • Licensee will install ADFS (or any SAML 2.0-compliant identify provider) on premise, which is a mandatory requirement for single-sign-on in the Infor Cloud. <ul style="list-style-type: none"> ○ Licensee will be responsible for exporting/remapping of current LS user ids to match to AD. • Licensee will be responsible for any required redevelopment in version 10 of Smart notes, design studio modifications, dashboards, interfaces and/or custom reports. |

Services Fee Estimates				
Resource Role	Project Role	Estimated Hours	Hourly Rate (US\$)	Estimated Fee (US\$)
ICS Project Manager	Project Lead	160	\$220.00	\$35,200.00
ICS Project Manager	Technical Lead	80	\$220.00	\$17,600.00
COE Consultant Offshore Manila	System Consultant	444	\$ 70.00	\$31,080.00
ICS Consultant, Sr.	Technical IPA	40	\$205.00	\$ 8,200.00
ICS Consultant, Sr.	Business	180	\$205.00	\$36,900.00
ICS Project Manager	Ming.le Project Lead	24	\$220.00	\$ 5,280.00
ICS Consultant, Sr.	Ming.le Consultant	96	\$205.00	\$19,680.00
COE Consultant Offshore Manila	AR Cash Lead	4	\$ 70.00	\$ 280.00
COE Consultant, Sr Offshore Manila	AR Cash Consultant	56	\$115.00	\$ 6,440.00
Total		1,084		\$160,660.00

CURRENCY: US DOLLARS

*All amounts are in US Dollars unless otherwise specified

Time and Materials Services: All services provided hereunder are provided on a time and materials basis, unless otherwise specified. Estimated time and costs listed in this Work Order represent an estimate only. Actual project time and cost may vary from the estimates provided. Where a substantial variation from this Work Order is foreseen, both parties must agree in writing to the additional work and amend this Work Order accordingly via the Project Change Control Process utilizing the hourly rates listed above. Rates listed above are effective through the duration of the project. All Services provided on a time and materials basis are billed monthly. Billing and payment are not dependent or conditioned on delivery of deliverables contemplated herein or any other deliverables.

TRAVEL AND OVERTIME: Travel and living expenses are not included in the rates or estimated fees stated herein. Such travel and living expenses are in addition to such fees, and billed separately as they are incurred, and in adherence to the Fort Bend County Travel Policy (Exhibit C). Infor shall obtain Licensee's written consent at least fourteen (14) days prior to commencing travel for services to be performed under this SWO. Travel time to and from the Licensee site (measured to and from the location of the respective Infor resource within the continental United States) will be billed at \$0 per hour.

Prior to commencing any overtime work, weekend work, or holiday work under this SWO, the parties must mutually agree in writing through the designated project managers that the proposed work is acceptable. Overtime rates of 150% of the quoted rate apply for after hours and weekend work. All work hours shall be based on the Central Standard Time Zone, however Licensee will be available for collaborative work upon five (5) days written notice by Infor. "After hours work" is defined as services performed between 8:00 p.m. and 6:00 a.m. "weekend work" is defined as services performed between 8:00 p.m. Friday and 6:00 a.m. Monday. Holiday rates of 200% of the quoted rate apply for all holiday work. Each invoice is payable within thirty (30) days from the date of invoice.

LOCATIONS: Services may be provided at the facilities of Infor or its Contractors, or at the Licensee sites listed below.
Ft. Bend County, TX

PAYMENT: Infor will invoice Licensee monthly for services, travel and expenses as incurred. Licensee will pay each Infor invoice within thirty (30) days of the date of invoice.

THE PARTIES have executed this Work Order through the signatures of their respective authorized representatives.

Infor (US), Inc.

Signature: _____

Printed Name: Lindsay Pritchard

Title: Associate General Counsel

Address: 380 St. Peter Street

Address: St. Paul, MN 55102

Signature Date: October 23, 2015

LICENSEE: Fort Bend County

Signature: _____

Printed Name: Robert E. Hebert

Title: County Judge

Address: 401 Jackson Street

Address: Richmond, Texas 77469

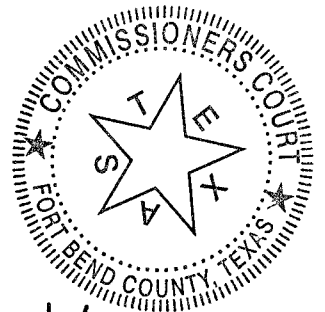
Signature Date: 10-27-2015

ATTEST:

Signature: _____

Printed Name: Laura Richard

Title: County Clerk



APPROVED BY:

Signature: _____

Printed Name: Ray Webb

Title: Director of Information Technology

AUDITOR'S CERTIFICATE

I hereby certify that funds are available in the amount of \$ 207,160.⁰⁰ to accomplish and pay the obligation of Fort Bend County under this contract.

Robert Edward Sturdivant, County Auditor

Exhibit A: Preliminary Proposed Project Work Tasks

Ming.le Foundation Starter Services

Resources/Training	Estimated Hours
Installation and Basic Training	16
Enable Standard content i.e. Industry, BI	16
Infor Social Business Tools (ISBT) – Features and Use Cases	16
Industry Foundation	40
Review and Improve	24
Technology Roadmap	16
Total Estimated hours	120 Hours

Process Flow to Process Automation Migration

Processflow to ProcessAutomation Migration	Estimated Hrs
Project Leadership for the coordination of the overall engagement and resources.	16
Process Automation training	Included in separate Education and Training order form
Subject Matter support to convert existing flows and unit testing	40
Landmark Runtime v10 Update - Includes migration of Landmark Runtime and Strategic Sourcing. Federation to new LSF, and migration and upgrading the data to the new instance	52
Landmark Runtime v10 - TEST: Includes migration of Landmark Runtime, Infor Process Automation, security federation between LSF and LMK, and the execution of the PFI migration utilities (if migrating).	12
Landmark Runtime v10 Update - Includes migration of Landmark Runtime and Strategic Sourcing. Federation to new LSF, and migration and upgrading the data to the new instance	52
Total Estimated hours	172 Hours

Lawson BI Migration

Implementation of Lawson Business Intelligence (LBI)	Quoted Hrs
Project Leadership for the coordination of the overall LBI engagement and resources.	16
LBI Installation x 2 Instances.	Included in separate SaaS Order Form
LBI Technical Consultant to oversee, plan, design and direct overall LBI Initiative.	40
Total Estimate	56 hours

Infor Lawson10X Upgrade

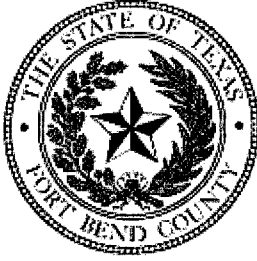
Fort Bend – LSF 901 to v10: Hosted/AMS, Migration and 9.0.1.3 (minimum) to S310 Application Upgrade	Estimated Hrs
Project Leadership for the coordination of the overall engagement and resources.	128
Technical Planning/Design and follow up.	80

Standard S310 Install - PRODUCTION: Core Lawson environment and server technology components (including Workspace) along with core business applications. Does not include ProcessFlow/ProcessAutomation.	Included in separate SaaS Order Form
PROD Technical Migration: LSF 901 to v10: To Cloud, Migration	16
PROD Application Upgrade Pass #1: 9.0.1.3 (minimum) to S310 Application Upgrade	40
PROD Application Upgrade Pass #2: 9.0.1.3 (minimum) to S310 Application Upgrade	32
Additional Application Upgrade Passes can be budgeted at 32 Hours Each and are not included in this estimate.	0
Business Consulting for Enterprise Financial Management, Human Capital Management, and Supply Chain Management around Business Process Design Review and knowledge transfer regarding differences from 9.0 to 10.0	120
Public Training: Lawson 10 System Foundation Administration () - 5 Days. Assumes 2 Learners.	Included in separate Education and Training order form

Standard S310 Install - TEST: Core Lawson environment and server technology components (including Workspace) along with core business applications. Does not include ProcessFlow/ProcessAutomation.	Included in separate SaaS Order Form
TEST Technical Migration: LSF 901 to v10: To Cloud, Migration	16
Create (two) TEST product lines as replica's from production S310 product line.	16
Mock Go-Live for PROD: LSF 901 to v10: To Cloud, Migration (refresh) and 9.0.1.3 (minimum) to S310 Application Upgrade	80
Go Live Preparation for LSF and LMK	64
GO-LIVE for PROD: LSF 901 to v10: To Cloud, Migration and 9.0.1.3 (minimum) to S310 Application Upgrade	24
Business Consulting - Post Go-live support	48
Total Estimated hours	664 hours

Lawson10X – Migration of Fort Bend extension / customization

Lawson 10X – Migration of Fort Bend Cash Receipt	Estimated Hours
Project Leadership for the coordination of the overall engagement and resources.	4
Development required to migrate V9 Cash Receipt Customization to V10, Unit Test , Regression Test Support	56
Development required to migrate V9 XX100 customization to V10, Unit Test, Regression Test Support	8
Development required to migrate V9 ESS remote access to V10, Unit Test, Regression Test Support	4
Total Estimated hours	72 Hours



FORT BEND COUNTY
Cash Receipt Customization

Functional and Technical Design Specifications

Design Studio Description: Cash Receipt Customization

Application Modules Affected: Accounts Receivables (AR), Cash Ledger (CB)

Prepared By: Lizbeth P. Geronimo

Prepared Date: February 22, 2008

Updated By: Srikanth P

Updated Date: January 23, 2012

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Exhibit B: Fort Bend County Cash Receipt Technical Specifications

Fort Bend County –Cash Receipt Customization.doc
Design Document

Product Information

Components	Mfg and Version
ProcessFlow Hardware	
Lawson Components	
Operating System	
Lawson Technology/Environment	
Lawson Server Applications	
Lawson Portal	
Portal URL	http://lawsontweb.co.fort-bend.tx.us/lawson/portal
Design Studio URL	http://lawsontweb.co.fort-bend.tx.us/lawson/studio

Work/Resource Breakdown Structure

Design Tool	Technical Resource	Functional Resource
Design Studio		

1 Overview

1.1 Current Business Process

1.2 Description and Purpose

The purpose of the Design Studio customization is to be able to print a Treasurer's receipt from transactions in forms AR30.1, AR32.1, AR20.1, CB20.1 and CB45.1, save the system generated receipt number in a user field in specified forms and be able to reprint the receipt.

The purpose of this customization is to provide consecutive and unique transaction numbers on the following form fields:

FORM Field (Prefix + Number)

AR30.1 - Payment

AR32.1 - Payment

CB20.1 - Reference Number

CB45.1 - Transaction Number

AR21.3 - Cash Non- AR

It follows format <three digit prefix> + <seven-digit number>

e.g **ARC0000001** for AR30

ARA0000001 for AR32.

To handle simultaneous data entries, a receipt record can only be assigned with a user and will be locked thus other user/s will have to wait for the record release from the previous transaction. Message will be displayed if records were locked and are in used.

Texas State Law requires a physical Treasurer's Receipt for all cash payments accepted by Fort Bend County.

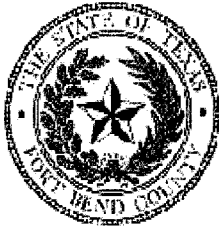


Exhibit B: Fort Bend County Cash Receipt Technical Specifications

Fort Bend County –Cash Receipt Customization.doc
Design Document

2 Requirement Details

2.1 Design Studio/Custom Form Flowchart



Jeff Council
Fort Bend County Treasurer
P.O. Box 1202
Richmond, TX 77406-1202

AR30.1 Receipt

RECEIPT

County Treasurer

Generated Receipt No

Receipt No: 00000

Date Received: 11/27/2007

Date Posted: 11/28/2007

APM-DEPOSIT-DATE
APM-GL-DATE

APM- CUSTOMER

CUD-NAME

Batch No.	Pay Type	Description	Cash Acct Unit	Cash Acct	Cash Code	Amount Received
APM-BATCH-NBR	112707 APM-TRANS-NBR	TEST MULTI SCREEN ENTRY PUF-APM-USR-FLD-01	100409100 CBY- CSH- ACCT- UNIT	51450 CBY- CSH- ACCOU NT	100 APM- CASH- CODE	100.00 APM- TRAN- AMT
					Total Amount	2,800.00

Total Amount in words

Two Thousand Eight Hundred Dollars and zero Cents

APM-
TRAN-
AMT

Electronic Signature

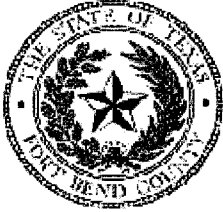
Jeff Council
Fort Bend County Treasurer

Default name by user

fbcesguerrad
Deputy
Fort Bend County Treasurer

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Jeff Council
Fort Bend County Treasurer
P.O. Box 1202
Richmond, TX 77406-1202

AR32.1 Receipt

RECEIPT

County Treasurer
CUD-NAME

Receipt No: 00000
Date Received: 11/27/2007
Date Posted: 11/28/2007
Generated Receipt No
APM-DEPOSIT-DATE
APM-GL-DATE

Batch No.	Pay Type	Description	Cash Acct Unit	Cash Acct	Cash Code	Amount Received
	112707	TEST MULTI SCREEN ENTRY	100409100	51450	100	100.00
APM-BATCH-NBR	APM-TRANS-NBR	APM-CONTRACT, APM-ACTIVITY, APM-ACTIVITY-GRP	CBY-CSH-ACCT-UNIT	CBY-CSH-ACCOU-NT	APM-CASH-CODE	APM-TRAN-AMT
Total Amount						2,800.00

Total Amount in words
Two Thousand Eight Hundred Dollars and zero Cents

APM-TRAN-AMT

Jeff Council
Fort Bend County Treasurer
Electronic Signature

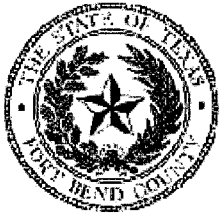
fbcesguerrad
Deputy
Fort Bend County Treasurer
Default name by user



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Jeff Council
Fort Bend County Treasurer **CB20.1 Receipt**
P.O. Box 1202
Richmond, TX 77406-1202

RECEIPT

County Treasurer

Receipt No: 00000
Date Received: 11/27/2007
Date Posted: 11/28/2007

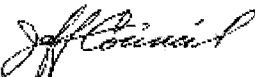
Generated Receipt No
CBT-ISSUE -DATE CBT-
DIST -DATE

CBT-BANK-INST-CODE

Batch No.	Pay Type	Description	Cash Acct Unit	Cash Acct	Cash Code	Amount Received
No Batch Number	112707 CBT- TRANS -NBR	TEST MULTI SCREEN ENTRY CBT-USER-FIELD1	100409100 CBD- DIS- ACCT- UNIT	51450 CBD- DIS- ACCOU NT	100 CBD- CASH- CODE	100.00 CBD- BANK- DIST-AMT
Total Amount in words					Total Amount	2,800.00

Two Thousand Eight Hundred Dollars and zero Cents

Accumulated
total amount of
CBD-BANK-DIST-
AMT



Jeff Council
Fort Bend County Treasurer

Electronic Signature

fbcesguerrad

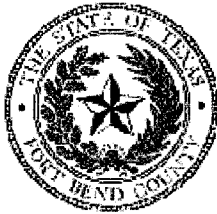
Deputy
Fort Bend County Treasurer

Default name by user



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Jeff Council
Fort Bend County Treasurer
P.O. Box 1202
Richmond, TX 77406-1202

RECEIPT

CB45.1 Receipt

County Treasurer

Receipt No: 00000
Generated Receipt No
Date Received: 11/27/2007
No Date Received
Date Posted: 11/28/2007
CFT-TRANS -DATE

CFT-BANK-INST-CODE

Batch No.	Pay Type	Description	Cash Acct Unit	Cash Acct	Cash Code	Amount Received
No Batch Number	112707	TEST MULTI SCREEN ENTRY	100409100	51450	100	100.00
	CFT-REFER ENCE-NO	CFT-DESCRIPTION	CBD-DIS-ACCT-UNIT	CBD-DIS-ACCOU NT	CBD-CASH-CODE	CBD-BANK-DIST-AMT
Total Amount						2,800.00

Total Amount in words

Two Thousand Eight Hundred Dollars and zero Cents

Accumulated
total amount of
CBD-BANK-DIST-AMT

Jeff Council
Fort Bend County Treasurer
Electronic Signature

fbcesguerrad
Deputy
Fort Bend County Treasurer
Default name by user



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Save the value of the **Generated Receipt No** and **Description** for form **[aForm]** in **[aField]** when printing a receipt.

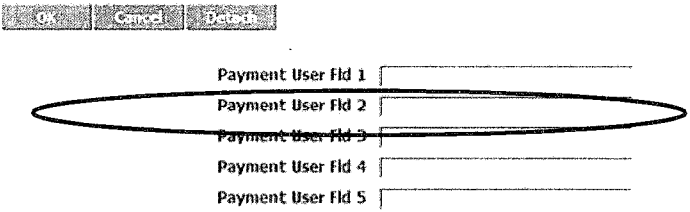
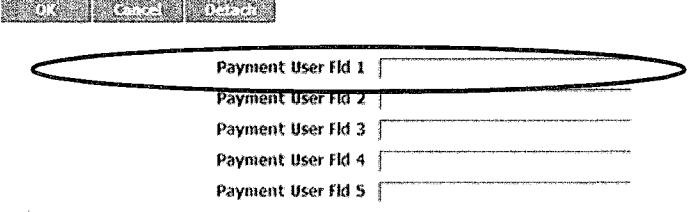
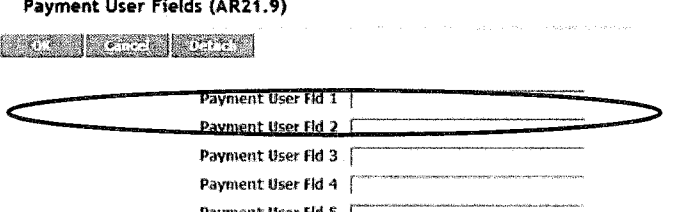
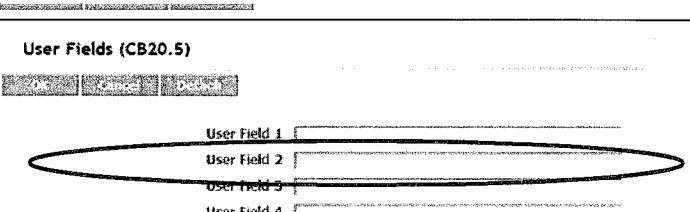
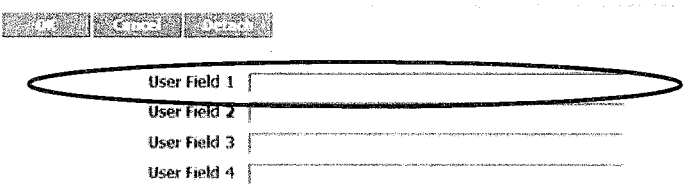
aForm	aField	Field Description
AR30.1	PUF-APM-USR-FLD-02- Generated Receipt No	<p>Payment User Fields (AR21.9)</p> 
AR30.1	PUF-APM-USR-FLD-01- Description	<p>Payment User Fields (AR21.9)</p> 
AR21.3	PUF-APM-USR-FLD-01 – Description PUF-APM-USR-FLD-02 - Generated Receipt No	<p>Payment User Fields (AR21.9)</p>  <p>Payment User Fields (AR21.9)</p>
CB20.5	CBT-USER-FIELD1 – Description CBT-USER-FIELD2- Generated Receipt No	<p>User Fields (CB20.5)</p> 

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CB45.2	CFT-USER-FIELD1 - Description CFT-USER-FIELD2 - Generated Receipt No	<p style="text-align: center;">User Fields (CB45.2)</p> 
--------	---	---

2.2 Migration Procedures

1. Listed below are the new tables, their corresponding indices and relations. Provided as well are the commands to build them properly.

New Tables:

Table Name	System Code	Column	Data Type
RECEIPTCNT (RCT)	CB	RECEIPT-NUM	Numeric(10)
		RECEIPT-LOCK	Alpha(01)
		DATE-STAMP	Date (YYYYMMDD)
RECEIPTMST (RCM)	CB	RECEIPT-NUM	Numeric(10)
		FORM-NAME	Alpha(50)
		SHRT-DESC	Alpha(100)
		DATE-PRINTED	Date (YYYYMMDD)
		PROCESSED-BY	Alpha(80)

Indices:

Table Name	Index	Key
RECEIPTCNT (RCT)	RCTSET1	RECEIPT-NUM
RECEIPTMST (RCM)	RCMSET1	RECEIPT-NUM, FORM-NAME, SHRT-DESC
	RCMSET2	RECEIPT-NUM(DESC), SHRT-DESC, FORM-NAME

Relations:

One to One Relations

Relation Name	Related File	Integrity Rules
RECEIPTCNT	RECEIPTCNT	Required
		RCM-RECEIPT-NUM -> RCT-RECEIPT- NUM (RCTSET1)

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Step to Build new tables/indices:

Execute **blddbdict** <Product Line>

Execute **dbreorg** <Product Line>

NOTE: If the following tables have already been built in other productlines, there is no need to redefine and rebuild again into to the new productline when doing migration.

2. Listed below are the steps when migrating the tables on other productlines.

Do a metadump of the 2 tables by using the command **metadumpltbl**. The result file will be <tablename>.tbl

Syntax: metadumpltbl <old product line> tablename

Ex: metadumpltbl testpl receiptcnt

Do a metaload of the 2 tables using the new productline. The command to be used is **metaloadtbl**.

Syntax: metaloadtbl <new product line> metadumpltblfile

Ex: metaloadtbl prodpl RECEIPTCNT.tbl

*NOTE: The result file *.tbl should be present on the same directory before executing metaloadtbl.*

Execute **blddbdict** <product line>

Execute **dbreorg** <product line>

3. COBOL Program Files and Design Studio Forms.

Loading from one server to the other server (Test to Production):

- i. Log into production from LID.

Run "dbdef" to define customized tables.

The tables and associated indexes must be the same as test environment.

Run "blddbdict prodpl" to rebuild data dictionary.

Run "dbreorg prodpl" to rebuild database.

Run sql command to copy data from old table structures to new ones.

Run Lawson Security Administrator to grant access to RECEIPTCNT and RECEIPTMST in CBFfiles class.

- ii. Log into test from LID.

Create "D:\Custom Receipt Backup" folder.

Go to "D:\Custom Receipt Backup" folder.

Run "pgmdump testpl cb xx01.dmp xx01" to generate program dump file for xx01 form from test environment.

Run "pgmdump testpl cb xx03.dmp xx03" to generate program dump file for xx03 form from test environment.

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Run "pgmdump testpl cb xx004.dmp xx004" to generate program dump file for xx004 form from test environment.
Run "pgmdump testpl ar ar20.dmp ar20" to generate program dump file for ar20 form from test environment.
Run "pgmdump testpl cb cb20.dmp cb20" to generate program dump file for cb20 form from test environment.
Run "pgmdump testpl cb cb45.dmp cb45" to generate program dump file for cb45 form from test environment.
Run "pgmdump testpl ar ar30.dmp ar30" to generate program dump file for ar30 form from test environment.
Run "pgmdump testpl ar ar32.dmp ar32" to generate program dump file for ar32 form from test environment.
Copy the related scr, PD, rpt, and WS files from program source folders (source) in test to this backup folder.
Please note that the source program source folders are %LAWDIR%\testpl\arsrc and %LAWDIR%\testpl\cbsrc.

- iii. Copy the related scr, PD, rpt, and WS files from this backup folder to its own respective program source folder (destination).
Please note that the destination program source folders are %LAWDIR%\prodpl\arsrc and %LAWDIR%\testpl\cbsrc.
In production, run the following commands from LID to upload program definitions from previously generated dump files.
Go to "D:\Custom Receipt Backup" folder.

```
"pgmload -p xx01.dmp prodpl"  
"pgmload -p xx03.dmp prodpl"  
"pgmload -p xx004.dmp prodpl"  
"pgmload -p ar20.dmp prodpl"  
"pgmload -p cb20.dmp prodpl"  
"pgmload -p cb45.dmp prodpl"  
"pgmload -p ar30.dmp prodpl"  
"pgmload -p ar32.dmp prodpl"
```

- iv. Open working storage mod ie. CB20WS and edit the directory path inside.
Only CB20, CB25, XX004 has to be updated. Change
"D:\LAWTEST\APPS\TESTPL\WORK...." to
"D:\LAWPROD\APPS\PRODPL\WORK..."
The following file should exist in production, if not, create them or copy from the TESTPL:
D:\lawprod\apps\prodpl\work\CB20TRNCSV\CB20TRNCSV
D:\lawprod\apps\prodpl\work\CB45TRNCSV\CB45TRNCSV
These files contains the last transaction number for CB20, and CB45.
- v. In production, run the following commands from LID to recompile programs/forms.
"qcompile prodpl cb xx01"
"qcompile prodpl cb xx03"
"qcompile prodpl cb xx004"
"qcompile prodpl ar ar20"
"qcompile prodpl cb cb20"
"qcompile prodpl cb cb45"
"qcompile prodpl ar ar30"
"qcompile prodpl ar ar32"

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Search for *.err file in source folders.

- vi. Copy the following files under
%LAWDIR%\persistdata\lawson\portal\content\forms folder from test to
production.
ar30.1.new.xml
ar32.1.new.xml
ar21.3.new.xml
cb20.1.new.xml
cb45.1.new.xml
- vii. Log into production portal, click Portal Administration -> Rebuild Custom Form Index.
Rebuild Custom Forms Index appears with the default path (/lawson/portal/content/forms).
Click Rebuild.
- viii. In production portal, click Portal Administration -> Set Custom Form Data Area.
Select TESTPL in Current Data Area since the original product line is from TESTPL.
Click Find.
It should list all the forms that were copied earlier from
%LAWDIR%\persistdata\lawson\portal\content\forms from test.
Highlight all displayed forms.
Click Update.
- ix. User needs to have ProInquiry and APProc roles assigned and read/write access to the
%LAWDIR%\prodpl\work folder.

These forms must be loaded to PROD after the recompile of the COBOL Programs. The procedure below must be followed:

Form ID	ar30.1
XML File Name and directory path	Persistdata/lawson/portal/content/forms/
Custom Form ID	ar30.1_new

Form ID	ar20.1
XML File Name and directory path	Persistdata/lawson/portal/content/forms/
Custom Form ID	ar20.1_new

Form ID	ar32.1
XML File Name and directory path	Persistdata/lawson/portal/content/forms/
Custom Form ID	ar32.1_new

Form ID	ar21.3
XML File Name and directory path	Persistdata/lawson/portal/content/forms/
Custom Form ID	ar21.3_new

Form ID	cb20.1
XML File Name and directory path	Persistdata/lawson/portal/content/forms/
Custom Form ID	cb20.1_new

Form ID	cb45.1
XML File Name and directory path	Persistdata/lawson/portal/content/forms/
Custom Form ID	cb45.1_new



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2.3 Data Source

AR30.1	
Header	
Field Name in AR30.1	Field Name in Lawson Tables
Company	APM-COMPANY
Batch	APM-BATCH-NBR
Payment	APM-TRANS-NBR
Customer Number	APM-CUSTOMER
<No corresponding label in Form; Determined by selected customer number>	CUD-NAME
Post Date	APM-GL-DATE
Amount	APM-TRAN-AMT
National Account Group	SEL-NAT-GROUP
User Sort	SORT-ORDER
Detail	
Field Name in AR30.1	Field Name in Lawson Tables
Type	ARO-TRANS-TYPE
Trans Nbr	ARO-INVOICE
Amount	OPEN-AMOUNT
<No fixed label in Form. Retrieves source from ACO-OI-DISP-SEQ>	Can be retrieved from either of the following sources (determined by the Display Order Field in the form): a. ARO-TRANS-USER1 b. ARO-ACTIVITY c. ARO-CUST-PO-NBR d. ARO-PROCESS-LEVEL
Date	ARO-DUE-DATE
Date	ARO-DISC-DATE
Rsn	REASON-CODE
Adj Amount	TRANSLATED-DISC
AR32.1	
Header	
Field Name in AR32.1	Field Name in Lawson Tables
Contract	APM-CONTRACT
Company	APM-COMPANY
<No corresponding label in Form; Determined by selected company>	ACO-CURRENCY-CD
Payment	APM-TRANS-NBR
Customer	APM-CUSTOMER
<No corresponding label in Form>	CUD-NAME

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Trans Dsp	ACO-OI-SELECT
<No corresponding label in Form; Determined by selected Trans Dsp>	SEL-FIELD
Actvy	APM-ACTIVITY
Batch	APM-BATCH-NBR
Amount	APM-ORIG-AMT
Actvy Grp	APM-ACTIVITY-GRP
Post Date	APM-GL-DATE
Detail	
Field Name in AR32.1	Field Name in Lawson Tables
Contract	CCP-CONTRACT
Trans Nbr	ARO-INVOICE/CCP-TRANSACTION
Amount	CCP-APM-AMOUNT
Date	ARO-DISC-DATE
Rsn	REASON-CODE
Adj Amount	TRANSLATED-DISC
AR21.3	
Header	
Field Name in AR30.1	Field Name in Lawson Tables
Company	APM-COMPANY
Batch	APM-BATCH-NBR
Payment	APM-TRANS-NBR
<No corresponding label in Form; Determined by selected customer number>	CUD-NAME
Post Date	APM-GL-DATE
Amount	APM-TRAN-AMT
National Account Group	SEL-NAT-GROUP
User Sort	SORT-ORDER

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Detail	
Field Name in AR21.3	Field Name in Lawson Tables
Type	ARO-TRANS-TYPE
Trans Nbr	ARO-INVOICE
Amount	OPEN-AMOUNT
<No fixed label in Form. Retrieves source from ACO-OI-DISP-SEQ>	Can be retrieved from either of the following sources (determined by the Display Order Field in the form): a. ARO-TRANS-USER1 b. ARO-ACTIVITY c. ARO-CUST-PO-NBR d. ARO-PROCESS-LEVEL
Date	ARO-DUE-DATE
Date	ARO-DISC-DATE
Rsn	REASON-CODE
Adj Amount	TRANSLATED-DISC
CB20.1	
Header	
Field Name in CB20.1	Field Name in Lawson Tables
Cash Code	CBT-CASH-CODE
<No corresponding label in Form; Determined by selected cash code>	CBC-DESCRIPTION
<No corresponding label in Form; Determined by selected cash code>	CBC-CURRENCY-CODE
Transaction Code	CBT-BANK-INST-CODE
<No corresponding label in Form; Determined by selected Transaction Code>	CBT-BANK-INST-DESC
Transaction Number	CBT-TRANS-NBR
Company	CBT-COMPANY



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<No corresponding label in Form; Determined by selected company>	GLS-NAME
<No corresponding label in Form; Determined by selected company>	GLS-CURRENCY-CODE
Amount	CBT-ISSUE-BNK-AMT
Transaction Date	CBT-ISSUE-DATE
Description	CBT-DESCRIPTION
Bank Statement	CBT-RECON-STMT-NBR
Journal Book, Seq Nbr	CBP-JRNL-BOOK-NBR, CBP-JRNL-SEQ-NBR
Reference	CBT-REFERENCE
Dist Totals	CBT-DIST-APPLIED
Post Date	CBT-DIST-DATE
Input or Output	CBT-SOURCE
User Analysis	CBT-SEGMENT-BLOCK
Detail	
Field Name in CB20.1	Field Name in Lawson Tables
Co	CBD-DIST-COMPANY
Account	CBD-DIS-ACCT-UNIT, CBD-DIS-ACCOUNT, CBD-DIS-SUB-ACCT
Analysis	CBD-SEGMENT-BLOCK
Amount	CBD-BANK-DIST-AMT
Activity	CBD-ACTIVITY
<No corresponding label in Form>	CBD-ACCT-CATEGORY
CB45.1	
Header	
Field Name in CB45.1	Field Name in Lawson Tables
Cash Code	CFT-CASH-CODE
<No corresponding label in Form; Determined by selected cash code>	CBC-DESCRIPTION
<No corresponding label in Form; Determined by selected cash code>	CBC-CURRENCY-CODE
Transaction Code	CFT-BANK-INST-CODE
Reference	CFT-REFERENCE-NO

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<No corresponding label in Form; Determined by selected Reference>	CFT-REC-STATUS
Company	CFT-COMPANY
Amount	CFT-RECIEPT-AMOUNT
Transaction Date	CFT-TRANS-DATE
Transaction Type	CFT-TRANS-TYPE
Customer Reference	CFT-CUST-NAME
Journal Book	CFT-JRNL-BOOK-NBR
<No corresponding label in Form; Determined by selected Journal Book>	CFT-JBK-SEQ-NBR
Source Code	CFT-SOURCE-CODE
Bank Identification	CFT-CUST-BANK
Bank Account	CFT-CUST-ACCOUNT
IBAN	CFT-VBANK-IDENT
Description	CFT-DESCRIPTION
Prenotification Status	CFT-ACH-PRENOTE
Detail	
Field Name in CB45.1	Field Name in Lawson Tables
Co	CBD-DIST-COMPANY
Account	CBD-DIS-ACCT-UNIT, CBD-DIS-ACCOUNT, CBD-DIS-SUB-ACCT
Analysis	CBD-SEGMENT-BLOCK
Amount	CBD-BANK-DIST-AMT
Activity	CBD-ACTIVITY
<No corresponding label in Form>	CBD-ACCT-CATEGORY

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Table Prefix	Table Name
APM	ARPAYMENT
CBD	CBDISTRIB
CBP	CBRECPTHDR
CBT	CBTRANS
CFT	CBFTTRANS
CUD	CUSTDESC
SEL	ARCDSELECT
ARO	AROITEMS
ASJ	ARSADJUST
ACO	ARCOMP
CCP	ARACPIVOT
CBC	CBCASHCODE
CBI	CBBANKINST
GLS	GLSYSTEM
CBV	CBPROCLEV
CBC	CBCASHCODE

2.4 Dependencies

New Forms:

Form Name	System Code	Name	Description
XX01.1	CB	Receipt Count	Contains last number used for the receipt
XX03.1	CB	Receipt Master	Contains the receipt numbers generated for specific transactions
XX004	CB	Reprinting Treasurer's Receipt	Synchronize RECEIPTMST and RECEIPT files Save the detail of the receipt to a file named after the Receipt Number Read the RECEIPTMST starting from the last receipt number. For a record that has not been backed-up, it will back-up the file then reprint the receipt.

2.5 Security

Users must have access to new tables and new forms/reports. In addition to this, they should still be able to successfully access the customized, and their related, forms

Listed below are the specific components to which the users must have access

NEW FORMS/REPORTS

- a. XX01.1
- b. XX03.1
- c. XX004

CUSTOMIZED FORMS

- a. AR30.1
- b. AR32.1
- c. AR21.3
- d. CB20.1
- e. CB45.1

NEW TABLES

- a. RECEIPTCNT
- b. RECEIPTMST



3.0 Solution Screen Shots

General Features of the Screens

I. All the screens have “Print” and “Reprint” buttons

Print button will generate Receipt Number while Reprint will reprint all generated receipt numbers

a. AR30.1

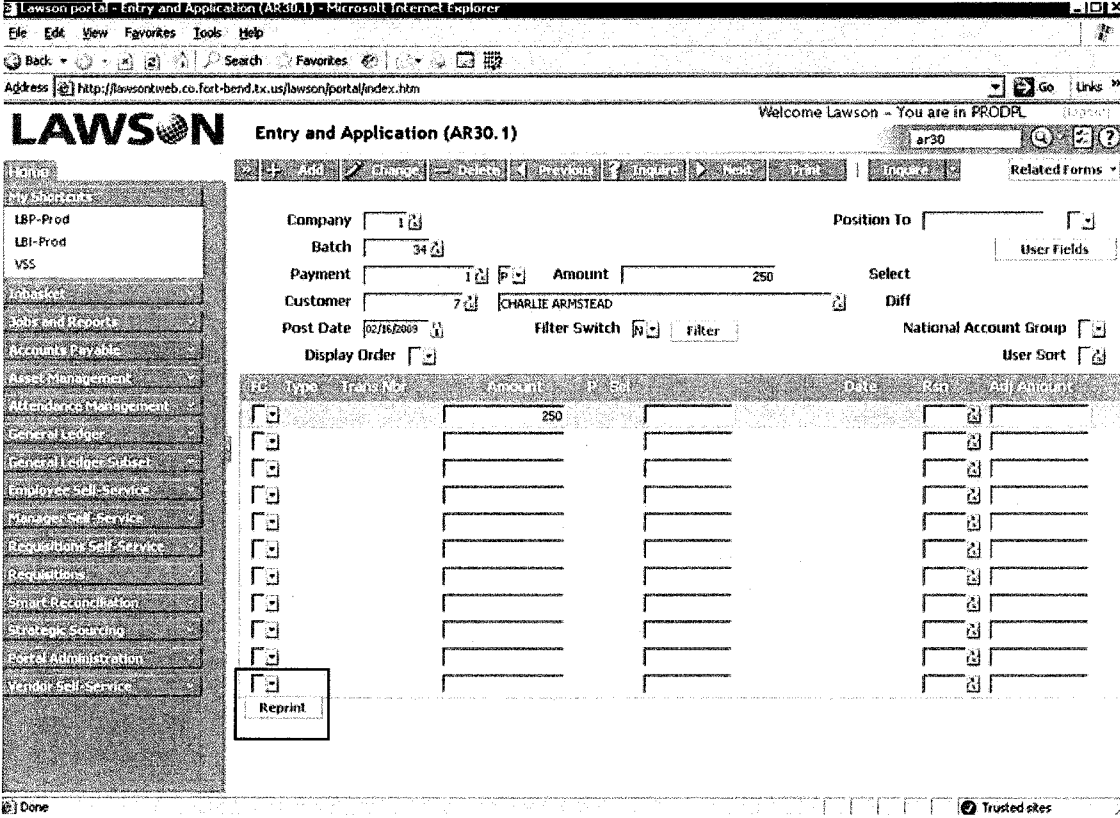


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b. AR32.1

Contract Activity Application (AR32.1)

Navigation: Add, Change, Delete, Previous, Inquire, Next, **Print**, Inquire

Contract Actvy Actvy Grp
Company Batch
Payment Amount Select
Customer Diff
Trans Dsp Post Date Filter

IT	Trans Nbr	Amount	P. Sel	Date	Retn	Adj Amt
<input type="checkbox"/>					<input type="checkbox"/>	
<input type="checkbox"/>					<input type="checkbox"/>	
<input type="checkbox"/>					<input type="checkbox"/>	
<input type="checkbox"/>					<input type="checkbox"/>	
<input type="checkbox"/>					<input type="checkbox"/>	
<input type="checkbox"/>					<input type="checkbox"/>	
<input type="checkbox"/>					<input type="checkbox"/>	
<input type="checkbox"/>					<input type="checkbox"/>	
<input type="checkbox"/>					<input type="checkbox"/>	
<input type="checkbox"/>					<input type="checkbox"/>	
<input type="checkbox"/>					<input type="checkbox"/>	

Reprint

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Lawson portal - Cash Non-AR (AR21.3) - Windows Internet Explorer
 http://fbclawtapp.co.fort-bend.tx.us/lawson/portal/index.htm?PREVIEW

LAWSON Cash Non-AR (AR21.3) Welcome Srikanth - You are in TESTPL [logout]

Search... [?] [?]

Related Forms

Home | Add | Amend | Delete | Print | Refresh | Help | Logout

User Level Work
 Srikanth Parthasarthy
 Employee Self Service
 Fort Bend County Email

Company 1 Fort Bend County USD
 Batch 36 Unreleased
 Payment 7777
 Amount 5000.00 Distrib Total 5000.00
 Process Level MASE Maria Segura
 Cash Code 100 FBC General Operating Account USD

Priority	Account	User Analysis	Activity	Amount
<input type="checkbox"/>	100560100	52150		5000.00
Payment				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="button" value="REPRINT"/> <input type="button" value="Totals"/>				

Done Internet | Protected Mode: Off 100% 4:10 AM 9/29/2011

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d. CB20.1

Bank Transaction Entry (CB20.1)

Welcome Lawson - You are in PRODDPL

cb20

Form Fields:

- Cash Code: 150 (Juvenile Operations) USD
- Transaction Code: A07 (Payment Adjustment)
- Transaction Number: 11
- Company: 1 (Fort Bend County) USD
- Amount: 500.00 (Currency)
- Transaction Date: 02/22/09
- Description: Rest
- Bank Statement: [] (User Fields)
- Journal Book, Seq Number: []
- Reference: []
- Post Date: 02/22/09
- User Analysis: []
- Dist Totals: 500.00
- Input or Output: []

Account	Amount	Action
1 100409100 10010	250.00	Tax
1 100401100 54240	250.00	Tax
[]	[]	Tax
[]	[]	Tax
[]	[]	Tax

Reprint
Please Wait...

Processing Add... Trusted sites



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c. CB45.1

Lawson portal - EFT/CC Extract Entry (CB45.1) - Microsoft Internet Explorer

Address: http://lawsonweb.co.fort-bend.tx.us/lawson/portal/

Welcome Lawson - You are in PRODFL

LAWSON EFT/CC Extract Entry (CB45.1)

cb45

Related forms

Cash Code 150 USD

Transaction Code DEP

Reference Number Unreleased

Company 1

Amount 500.00

Transaction Date 02/12/2009

Transaction Type Credit Card

Customer Reference TREASURER

Journal Book

Source Code CB

Bank Identification 031201467

Bank Account 12536 IBAN

Description bank

Prenotification Status Accepted

User Fields

FD	Co	Account	Amount	Analysis	Amount				
	1	100400100	51190	0	500				M Tax
									M Tax
									M Tax
									M Tax
									M Tax

Please Wait...

Processing Add...

Trusted sites




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Exhibit B: Fort Bend County Cash Receipt Technical Specifications

- II. For multi-page receipts generated by the 5 modules, only the last page will display the total amount.

	Jeff Council Fort Bend County Treasurer P.O. Box 1202 Richmond, TX 77406-1202	RECEIPT
	County Treasurer	Receipt No: 00000 Date Received: 11/27/2007 Date Posted: 11/28/2007

Batch No.	Pay Type	Description	Cash Acct Unit	Cash Acct	Cash Code	Amount Received
	112707	TEST MULTI SCREEN ENTRY	100400100	51190	100	100.00
	112707	TEST MULTI SCREEN ENTRY	100400100	54150	100	100.00
	112707	TEST MULTI SCREEN ENTRY	100400100	54240	100	100.00
	112707	TEST MULTI SCREEN ENTRY	100401100	54150	100	100.00
	112707	TEST MULTI SCREEN ENTRY	100401100	54240	100	100.00
	112707	TEST MULTI SCREEN ENTRY	100401200	54250	100	100.00
	112707	TEST MULTI SCREEN ENTRY	100401300	54150	100	100.00
	112707	TEST MULTI SCREEN ENTRY	100401300	54240	100	100.00
	112707	TEST MULTI SCREEN ENTRY	100401300	54250	100	100.00

	Total Amount
--	---

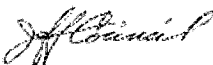
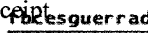

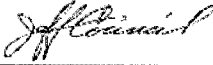
 _____ Jeff Council Fort Bend County Treasurer	2a First page of receipt  _____ Deputy Fort Bend County Treasurer
--	---

Exhibit B: Fort Bend County Cash Receipt Technical Specifications

Fort Bend County –Cash Receipt Customization.doc
Design Document

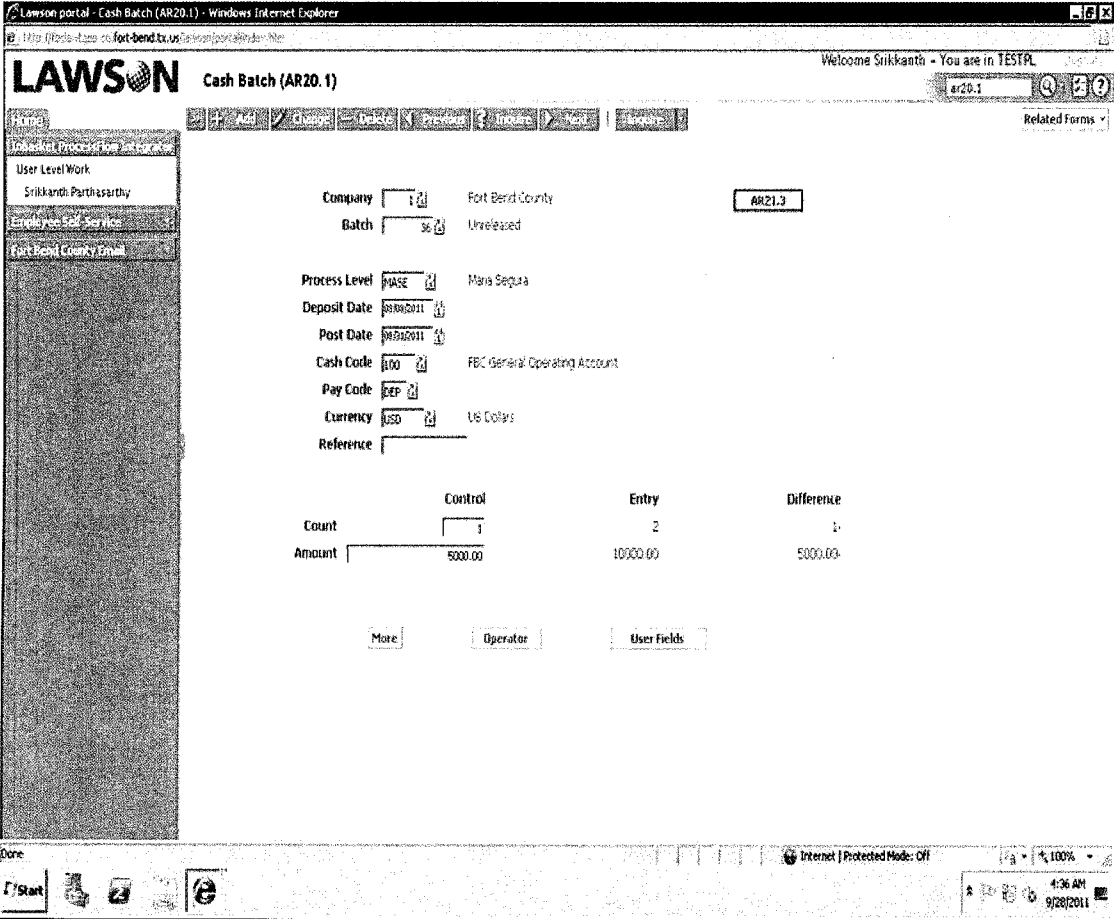
		Jeff Council Fort Bend County Treasurer P.O. Box 1202 Richmond, TX 77406-1202			RECEIPT	
County Treasurer					Receipt No: 00000 Date Received: 11/27/2007 Date Posted: 11/28/2007	
Batch No.	Pay Type	Description	Cash Acct Unit	Cash Acct	Cash Code	Amount Received
	112707	TEST MULTI SCREEN ENTRY	100409100	51450	100	100.00
Total Amount						2,800.00
Two Thousand Eight Hundred Dollars and zero Cents						
 _____ Jeff Council Fort Bend County Treasurer			_____ fbcesguerrad Deputy Fort Bend County Treasurer			

2b Last page of receipt

Exhibit B: Fort Bend County Cash Receipt Technical Specifications

Walking thru the Screens

I. AR20.1 – Cash Batch

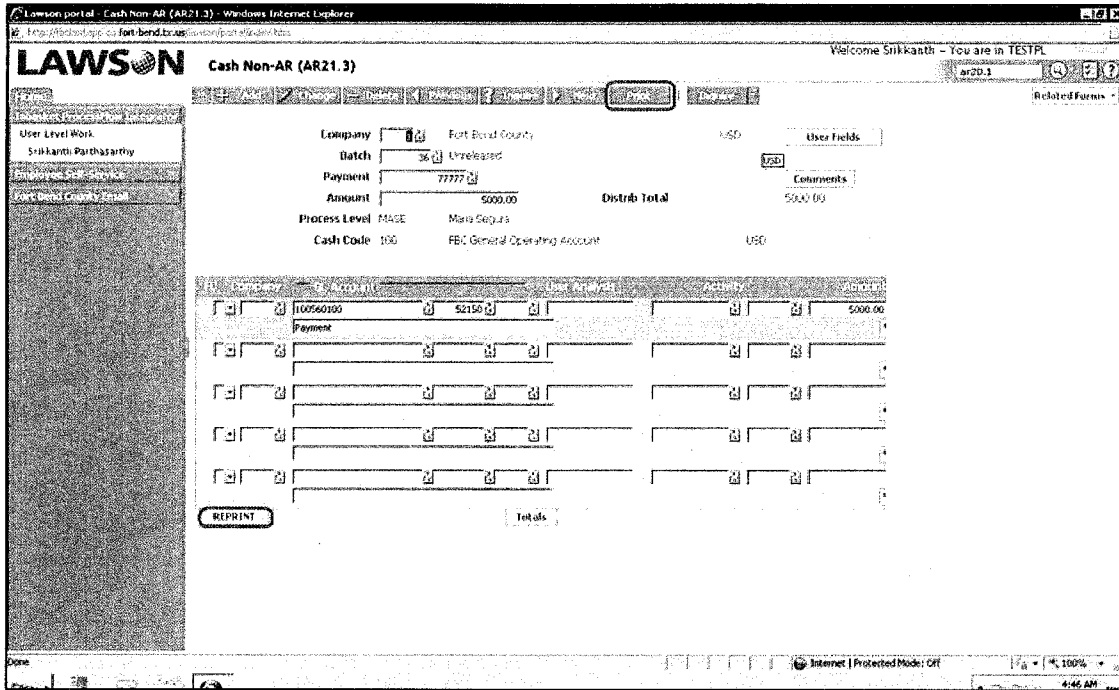


1.1 Navigation to AR21.3 Cash Non AR

Exhibit B: Fort Bend County Cash Receipt Technical Specifications

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1.1 Adding new Entry Cash Non- AR



The total distribution amount must equal the payment amount before you can release the payment.

1.2 User field 2 is blank prior to invoking the print function. Once the receipt number has been generated, it will be displayed in this field.

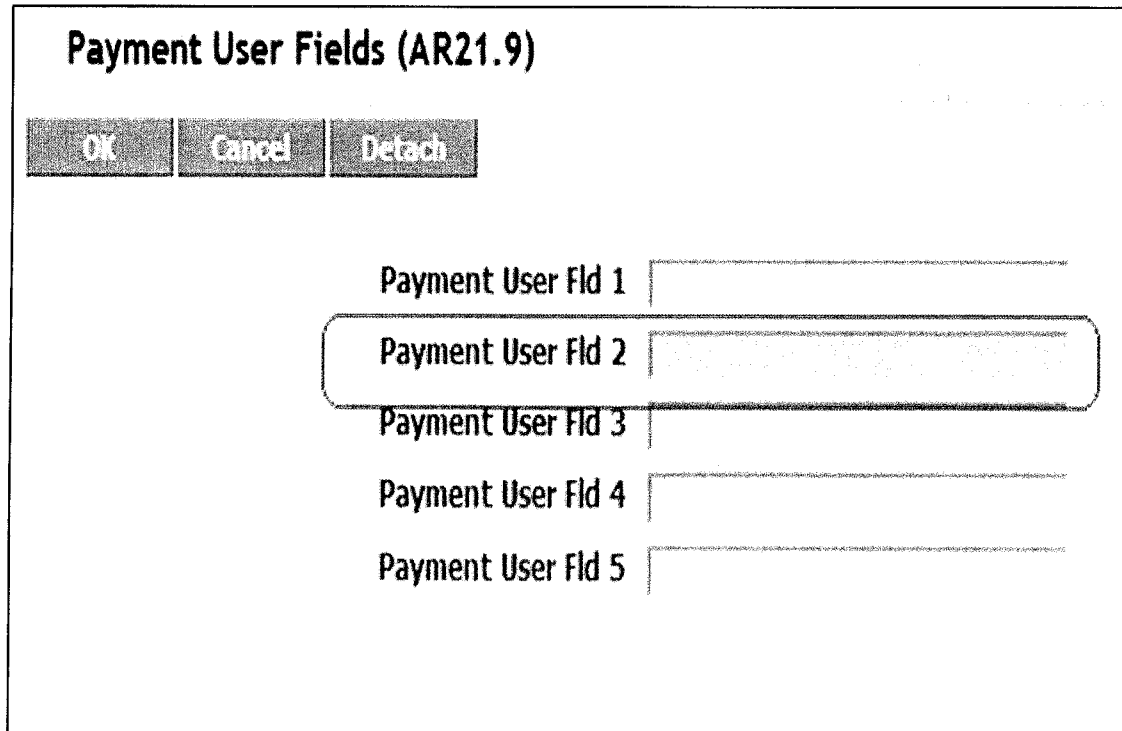
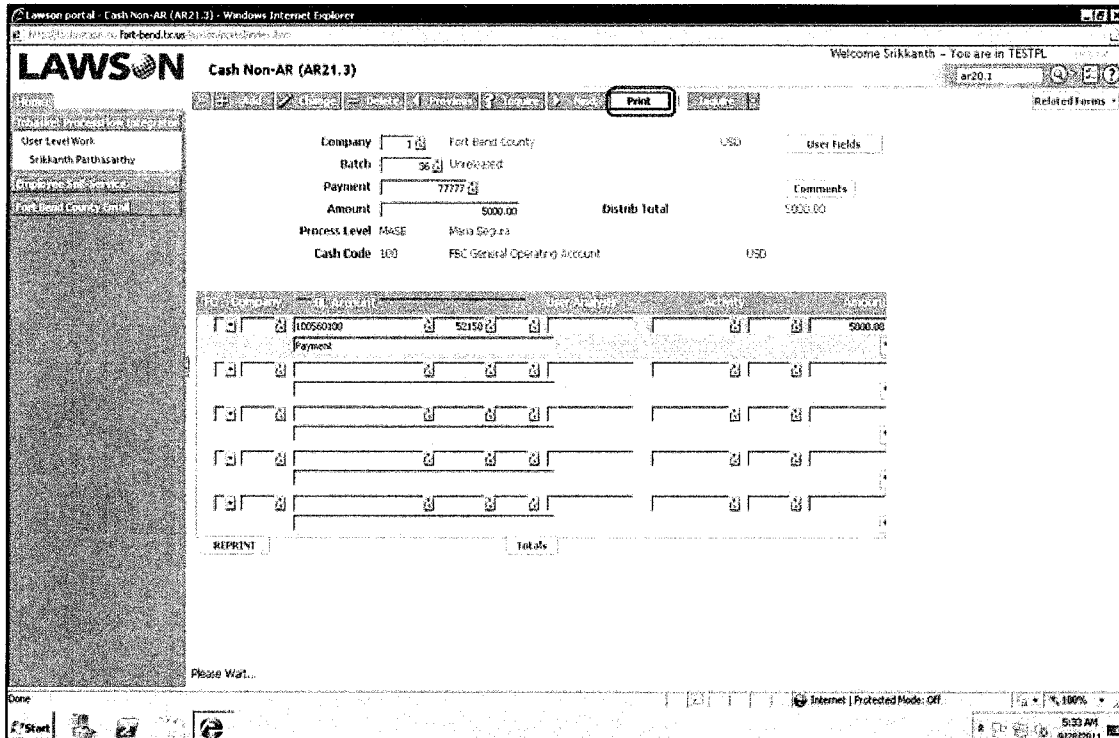


Exhibit B: Fort Bend County Cash Receipt Technical Specifications

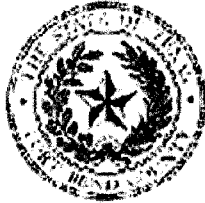
Fort Bend County –Cash Receipt Customization.doc Design Document



1.3 Invoking the “Print” function to generate the receipt number. This pulls-up a separate window, which will Display the receipt.

Exhibit B: Fort Bend County Cash Receipt Technical Specifications

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Jeff Council
Fort Bend County Treasurer
P.O. Box 1202
Richmond, TX 77406-1202


RECEIPT

Fort Bend County MUD #119

Receipt No: **000000001**
Date Received: **00/00/2011**
Date Posted: **08/31/2011**

Batch No.	Pay Type	Description	Cash Acct Unit	Cash Acct	Cash Code	Amount received
06	77777		100100100	11050	100	5,000.00
Total Amount						5,000.00

Five Thousand Dollars and zero Cents



Jeff Council

Srikanth Parthasarthy

Deputy

1.4 This is the separate form displayed when the "Print" button is selected. This is an example of a cash receipt generated by AR21.3 The receipt number displayed in this window is the newly generated number that should also be displayed in the User Field 2.



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Exhibit B: Fort Bend County Cash Receipt Technical Specifications

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Payment User Fields (AR21.9)

OK Cancel Default

Payment User Fld 1 _____

Payment User Fld 2 _____

Payment User Fld 3 _____

Payment User Fld 4 _____

Payment User Fld 5 _____

1.5 The receipt number found in the previous window is also displayed in AR21.3's User Field 2.

Lawson portal - Cash Non-AR (AR21.3) - Windows Internet Explorer
http://lmslawsonapp.us.fort-bend.tx.us/arcashnonar.htm

LAWSON Cash Non-AR (AR21.3) Welcome Sriikaath - You are in TESTPL
or20.1

User Level Work: Sriikaath Parthasarthy
Fort Bend County Email

Company: Fort Bend County USD
Batch: Unreconciled
Payment: 7777
Amount: 5000.00 Distrib Total: 5000.00
Process Level: M&SE Meta Services
Cash Code: 100 FBC General Operating account USD

Company	Account	Debit	Credit	Amount
100560100	52186			5000.00
Payment				

REPRINT Totals

Done Internet | Protected Mode: Off 5:46 AM 9/29/2011

1.6 User must press Reprint button to print details (XX004)

Exhibit B: Fort Bend County Cash Receipt Technical Specifications

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Receipt Reprinting (XX004)

Submit Reports Job Sched Print Mgr

Job Name

Job Description

User Name fbc\parthari Siddhanth Parthasarthy

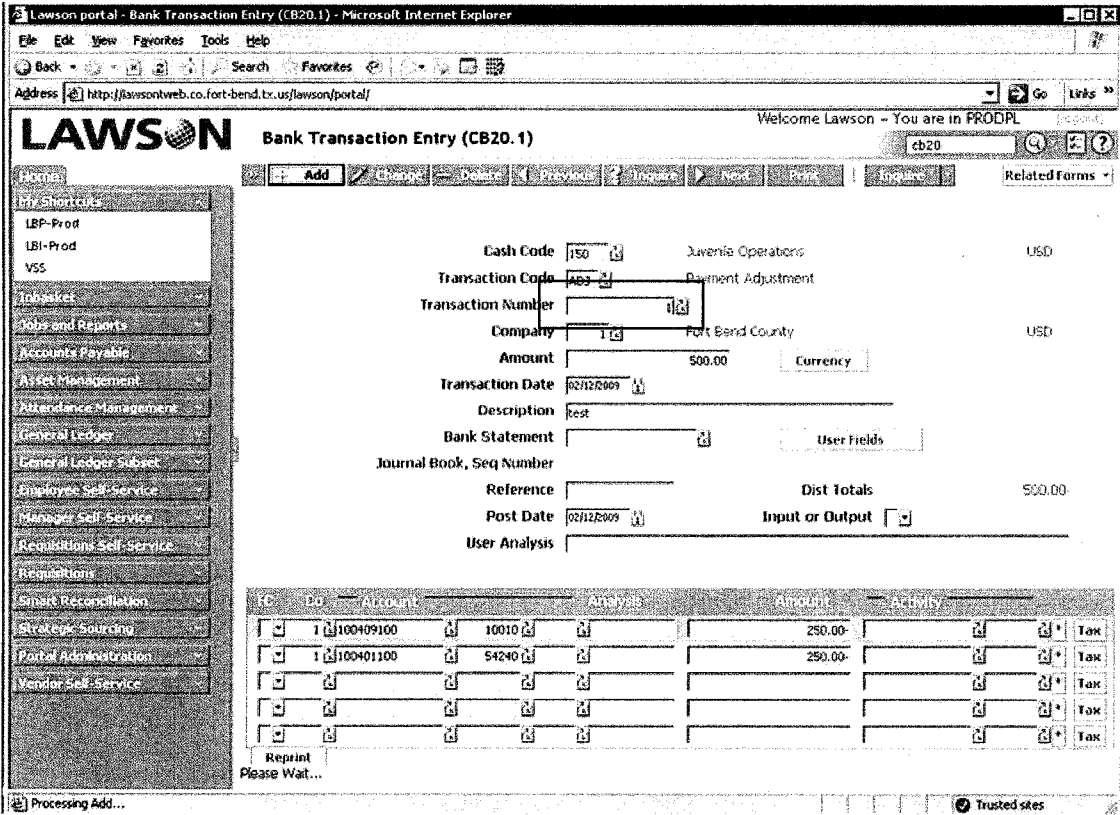
Data Area/ID TESTPL

Parameters

Receipt Number

1.7. XX004 to reprint cash receipts. More details below

II. CB20.1 – Bank Transaction Entry



2.1 Adding a new bank transaction entry via CB20.1

User/s must default Transaction Number Field to “1”, the system will trigger auto-generation for transaction numbers thus a system generated number will be assigned. For the transaction details, all credit transactions require a negative sign, while all debit transactions, a positive sign. When the receipts are printed, these amount signs will be flipped to positive for Credit Transaction and negative for Debit Transaction. (See Image 2.2 – 2.8)

Exhibit B: Fort Bend County Cash Receipt Technical Specifications

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Lawson portal - Bank Transaction Entry (CB20.1) - Microsoft Internet Explorer

Address: http://lawsonweb.co.fort-bend.tx.us/lawson/portal/

Welcome Lawson - You are in PRODPL

LAWSON Bank Transaction Entry (CB20.1)

Cash Code: USD Juvenile Operations USD

Transaction Code: ADJ Payment Adjustment

Transaction Number: CB20000004

Company: Fort Bend County USD

Amount: 500.00 Currency

Transaction Date: 02/12/2009

Description: Rest

Bank Statement: User Fields

Journal Book, Seq Number

Reference: Dist Totals 500.00

Post Date: 02/12/2009 Input or Output

User Analysis

Co	Account	Amt	Tax
1	100409100	250.00	Tax
1	100401100	250.00	Tax
			Tax
			Tax
			Tax

Record added; transaction is out of balance

2.2 The transaction number is auto-generated.

User Fields (CB20.5)

OK Cancel Detach

User Field 1

User Field 2

User Field 3

User Field 4

2.3 Prior to invoking the "Print" function, User Field 2 is blank, after printing User Field 2 will be populated by receipt number.

Exhibit B: Fort Bend County Cash Receipt Technical Specifications

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The screenshot shows the Lawson Bank Transaction Entry (CB20.1) web interface. The browser title is "Lawson portal - Bank Transaction Entry (CB20.1) - Microsoft Internet Explorer". The address bar shows "http://lawsonweb.co.fort-bend.tx.us/lawson/portal/". The page header includes the Lawson logo, "Bank Transaction Entry (CB20.1)", and a user greeting "Welcome Lawson - You are in PRODPL".

The main form contains the following fields:

- Cash Code: 100 (Juvvenile Operations) USD
- Transaction Code: ADJ (Payment Adjustment)
- Transaction Number: CB20000004
- Company: 1 (Fort Bend County) USD
- Amount: 500.00 (Currency)
- Transaction Date: 02/12/2009
- Description: test
- Bank Statement: (empty)
- Journal Book, Seq Number: (empty)
- Reference: (empty)
- Post Date: 02/12/2009
- User Analysis: (empty)
- Dist Totals: 500.00
- Input or Output: (dropdown menu)

Below the form is a summary table with columns: G/L, Account, Analysis, Amount, and Activity.

G/L	Account	Analysis	Amount	Activity
1	100409100	10010	250.00	Tax
1	100401100	54240	250.00	Tax
				Tax
				Tax
				Tax


A "Reprint" button is located below the table. A status message at the bottom left reads "Record added; transaction is out of balance".

2.4 Invoking the "Print" function to generate the receipt number. By so doing, another window will be pulled-up to display the receipt.



Exhibit B: Fort Bend County Cash Receipt Technical Specifications

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Jeff Council
Fort Bend County Treasurer
P.O. Box 1202
Richmond, TX 77406-1202

RECEIPT

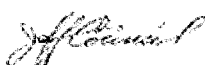
TESTING OF CB20.1

Receipt No: **000000001**
Date Received: **11/27/2007**
Date Posted: **11/27/2007**

Transaction: **DEP - Deposit**

Batch No.	Pay Type	Description	Cash Acct Unit	Cash Acct	Cash Code	Amount Received
	CB20000015		100400100	54150	100	50.00
	CB20000015		100400100	54150	100	30.00
	CB20000015		100400100	54150	100	20.00
Total Amount						100.00

One Hundred Dollars and zero Cents



Jeff Council
Fort Bend County Treasurer

Lawson Lawson

Deputy
Fort Bend County Treasurer

2.5 This is the separate window displayed when the "Print" button is selected. This is an example of a cash receipt generated by CB20. The receipt number is displayed in this cash receipt. The same receipt number should be displayed in the "User Field 2" field.



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User Fields (CB20.5)

OK Cancel Detach

User Field 1

User Field 2

User Field 3

User Field 4

2.6 The "User Field 2" Field now displays the newly-generated receipt number.

Bank Transaction Entry (CB20.1)

AMG Change Dates Previous Future Next Print Reprint

Cash Code 100 FBC General Operating Account USD

Transaction Code DEP Deposit

Transaction Number CB20000015

Company 1 Fort Bend County USD

Amount 100.00 Currency

Transaction Date 11/27/2007

Description TESTING OF CB20.1

Bank Statement User Fields

Journal Book, Seq Number

Reference Dist Totals 100.00

Post Date 11/27/2007 Input or Output

User Analysis

FD	Op	Account	Analyze	Amount	Activity
1	1	100-400100	54150	50.00-	Tax
1	1	100-400100	54150	30.00-	Tax
1	1	100-400100	54150	20.00-	Tax
					Tax
					Tax

Reprint

2.7 Invoke the "Reprint" function to pull-up XX04 to reprint the cash receipt.



Exhibit B: Fort Bend County Cash Receipt Technical Specifications

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The screenshot shows a software window titled "Receipt Reprinting (XX004)". At the top, there is a menu bar with options: File, Edit, Database, Previous, Inquire, Next, and Print. Below the menu bar are four buttons: "Submit", "Reports", "Job Sched", and "Print Mgr". The main area contains the following fields:

- Job Name: [Empty text box]
- Job Description: [Empty text box]
- User Name: fbc\parthsa [Dropdown arrow] Srkkanth Parthasarthy
- Data Area/ID: TESTPL
- Parameters: [Empty text box]
- Receipt Number: [Empty text box]

2.8 After invoking the "Reprint" button, XX004 is displayed. Execute XX004 to reprint the cash receipt. More details below



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Exhibit B: Fort Bend County Cash Receipt Technical Specifications

Fort Bend County –Cash Receipt Customization.doc
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III. CB45.1 – EFT/CC Extract Entry

3.1 Adding a new EFT/CC entry via C45

User/s must default Reference Number to "1", to invoke system automation for add function. For the transaction details, all credit transactions require a negative sign, while all debit transactions, a positive sign. When the receipts are printed, these amount signs will be flipped to positive for Credit Transaction and negative for Debit Transaction.

Processing Add...

1 as default for Reference Number



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Exhibit B: Fort Bend County Cash Receipt Technical Specifications

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Amount	Date	Tax
500.00		

3.2 The reference number is auto-generated.

OK Cancel Detach

User Field 1

User Field 2

User Field 3

User Field 4

3.3 User Field 2 is blank prior to invoking the print function.

After the print, receipt number has been generated and it should be displayed in this field.



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Exhibit B: Fort Bend County Cash Receipt Technical Specifications

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The screenshot shows the Lawson EFT/CC Extract Entry (CB45.1) web application. The browser title is "Lawson portal - EFT/CC Extract Entry (CB45.1) - Microsoft Internet Explorer". The address bar shows "http://lawsonweb.co.fort-bend.tx.us/lawson/portal/". The page header includes "LAWSON EFT/CC Extract Entry (CB45.1)" and "Welcome Lawson - You are in PRODPL". A navigation menu on the left lists various modules like "LBP-Prod", "LBI-Prod", "VSS", "Utilities", "Jobs and Reports", "Accounts Payable", "Asset Management", "Attendance Management", "General Ledger", "General Ledger Sublet", "Employee Self-Service", "Member Self-Service", "Resubmission Self-Service", "Resubmission", "Smart Reconciliation", "Strategic Sourcing", "Portal Administration", and "Vendor Self-Service". The main form contains the following fields:

- Cash Code: 100
- Transaction Code: DEP
- Reference Number: CB40000018 (Unreleased)
- Company: 1
- Amount: 500.00
- Transaction Date: 02/12/2009
- Transaction Type: 2 (Credit Card)
- Customer Reference: TREASURER
- Journal Book: [blank]
- Source Code: CB
- Bank Identification: 031201467
- Bank Account: 12536
- IBAN: [blank]
- Description: bank
- Prenotification Status: A (Accepted)
- User Fields: [blank]


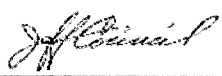
At the bottom, there is a table with columns for "Account", "Amount", and "Tax". The first row shows a transaction with account "1100400100", amount "51190", and tax "500.00".

Account	Amount	Tax
1100400100	51190	500.00

3.4 Invoke the "Print" function to generate the receipt number. It will display the receipt information in another screen.

Exhibit B: Fort Bend County Cash Receipt Technical Specifications

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	Jeff Council Fort Bend County Treasurer P.O. Box 1202 Richmond, TX 77406-1202		RECEIPT			
	FBC		Receipt No: 000000001 Date Received: Date Posted: 03/03/2008			
Transaction: DEP - Deposit						
Batch No.	Pay Type	Description	Cash Acct Unit	Cash Acct	Cash Code	Amount Received
	CB40000003	TESTING OF CB+5.1	100409100	54240	100	100.00
Total Amount						100.00
One Hundred Dollars and zero Cents						
 _____ Jeff Council Fort Bend County Treasurer			_____ Lawson Lawson Deputy Fort Bend County Treasurer			

3.5 This is a sample receipt generated by CB45.

The receipt number is generated and it should be the same number that is displayed in the User field 2.

Exhibit B: Fort Bend County Cash Receipt Technical Specifications

**Fort Bend County –Cash Receipt Customization.doc
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User Fields (CB45.2)

OK Cancel Detach

User Field 1

User Field 2

User Field 3

User Field 4

3.6 The "User Field 2" Field now displays the newly-generated receipt number.

Exhibit B: Fort Bend County Cash Receipt Technical Specifications

Fort Bend County –Cash Receipt Customization.doc
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IV. AR30.1 – Entry and Application Module

Lawson portal - Entry and Application (AR30.1) - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://lawsonweb.co.fort-bend.tx.us/lawsonportal/index.htm

Welcome Lawson - You are in PRODPL

ar30

Home

My Shortcuts

- LBP-Prod
- LBI-Prod
- VSS

Accounts Payable

Accounts Payable

Asset Management

Attendance Management

General Ledger

General Ledger Subled

Employee Self-Service

Manager Self-Service

Requisitions Self-Service

Requisitions

Smart Reconciliation

Strategic Sourcing

Postal Administration

Vendor Self-Service

Company [1] Position To []

Batch [34] User Fields

Payment [1] Amount [250] Select

Customer [7] CHARLIE ARMSTEAD Diff

Post Date [02/16/2009] Filter Switch [N] Filter National Account Group []

Display Order [] User Sort []

Trans No	Amount	DATE	Adj Amount
[]	250	[]	[]
[]	[]	[]	[]
[]	[]	[]	[]
[]	[]	[]	[]
[]	[]	[]	[]
[]	[]	[]	[]
[]	[]	[]	[]
[]	[]	[]	[]
[]	[]	[]	[]
[]	[]	[]	[]
[]	[]	[]	[]

Reprint

Done Trusted sites

4.1 Adding a new "Entry and Application" record.

User/s must default the payment number to 1 and required fields for auto generation of number per payment.

Exhibit B: Fort Bend County Cash Receipt Technical Specifications

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Entry and Application (AR30.1)

Buttons: Add, Change, Delete, Previous, Inquire, Next, Print, Inquire

Company: 1 USD Position To: []
Batch: 35 USD Unreleased User Fields: []
Payment: AR0000015 P Amount: 100.00 Select: []
Customer: 251 OFFICE OF THE GOVERNOR - CJD Diff: 100.00
Post Date: 10/15/2007 Filter Switch: N Filter: [] National Account Group: []
Display Order: 2 Due Date: [] Due: [] User Sort: []

RC	TRF	TRF	TRF	TRF	TRF	TRF	TRF	TRF	TRF
C	GC00000003		3012.20	G100	11/07/2007				

Buttons: Reprint, Memo, Speed, Range, Write-off

4.2 Payment number is auto-generated, as well as the transaction lines.

Payment User Fields (AR21.9)

Buttons: OK, Cancel, Detect

Payment User Fld 1: []
Payment User Fld 2: []
Payment User Fld 3: []
Payment User Fld 4: []
Payment User Fld 5: []

4.3 User field 2 is blank prior to invoking the print function. Once the receipt number has been generated, it will be displayed in this field.



Exhibit B: Fort Bend County Cash Receipt Technical Specifications

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Entry and Application (AR30.1)

Company USD Position To

Batch USD Unreleased

Payment Amount Select

Customer OFFICE OF THE GOVERNOR - CJD Diff

Post Date Filter Switch National Account Group

Display Order Due Date Due User Sort

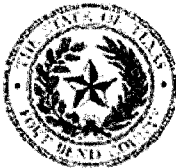
FC	Type	Trans Ref	Amount	P. Srt	Proc Lev	Date	Date	Net	Adj Amount
<input checked="" type="checkbox"/>	C	GC00000003	3012.20		G100	11/07/2007		<input type="text"/>	<input type="text"/>
<input type="checkbox"/>								<input type="text"/>	<input type="text"/>
<input type="checkbox"/>								<input type="text"/>	<input type="text"/>
<input type="checkbox"/>								<input type="text"/>	<input type="text"/>
<input type="checkbox"/>								<input type="text"/>	<input type="text"/>
<input type="checkbox"/>								<input type="text"/>	<input type="text"/>
<input type="checkbox"/>								<input type="text"/>	<input type="text"/>
<input type="checkbox"/>								<input type="text"/>	<input type="text"/>
<input type="checkbox"/>								<input type="text"/>	<input type="text"/>
<input type="checkbox"/>								<input type="text"/>	<input type="text"/>
<input type="checkbox"/>								<input type="text"/>	<input type="text"/>

4.4 Invoking the "Print" function to generate the receipt number. This pulls-up a separate window, which will display the receipt.



Exhibit B: Fort Bend County Cash Receipt Technical Specifications

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Jeff Council
Fort Bend County Treasurer
P.O. Box 1202
Richmond, TX 77406-1202


RECEIPT

Office of the Governor - CJD
P.O. Box 12428
Austin, TX 78711

Receipt No: **000000001**
Date Received: ~~10/15/2007~~
Date Posted: **10/15/2007**

Batch No.	Pay Type	Description	Cash Acct Unit	Cash Acct	Cash Code	Amount Received
35	ARC0000014		100409100	11050	100	0.00
Total Amount						100.00

One Hundred Dollars and zero Cents



Jeff Council
Fort Bend County Treasurer

Lawson Lawson

Deputy
Fort Bend County Treasurer

4.5 This is a sample receipt generated by AR30. It contains the newly generated receipt number. This number is the number that should be found in User Field 2.



Exhibit B: Fort Bend County Cash Receipt Technical Specifications

Fort Bend County –Cash Receipt Customization.doc Design Document

Receipt Reprinting (XX004)

Submit Reports Job Sched Print Mgr

Job Name

Job Description

User Name fbc\parthsi

Data Area/ID TESTPL

Parameters _____

Receipt Number

4.8 Execute XX004 to reprint the receipt. More details below.

Exhibit B: Fort Bend County Cash Receipt Technical Specifications

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V. AR32.1 – Contract and Activity Application

5.1 Adding a new Contract/Activity record.

User must default "Payment" field to 1 for number system automation. Required field must be populated with valid entries.


Contract Activity Application (AR32.1)

TC	Trans/Inr	Amount	P. Seq	Date	Res	Adj Amt
<input type="checkbox"/>					<input type="checkbox"/>	
<input type="checkbox"/>					<input type="checkbox"/>	
<input type="checkbox"/>					<input type="checkbox"/>	
<input type="checkbox"/>					<input type="checkbox"/>	
<input type="checkbox"/>					<input type="checkbox"/>	
<input type="checkbox"/>					<input type="checkbox"/>	
<input type="checkbox"/>					<input type="checkbox"/>	
<input type="checkbox"/>					<input type="checkbox"/>	
<input type="checkbox"/>					<input type="checkbox"/>	
<input type="checkbox"/>					<input type="checkbox"/>	

5.2 Payment Number is automatically generated.

Exhibit B: Fort Bend County Cash Receipt Technical Specifications

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Jeff Council
Fort Bend County Treasurer
P.O. Box 1202
Richmond, TX 77406-1202

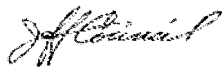
RECEIPT

Office of the Governor - CJD

Receipt No: **000000001**
~~Date Received: 10/15/2007~~
 Date Posted: **10/15/2007**
 Date Posted: **ARA0000009**

Batch No.	Pay Type	Description	Cash Acct Unit	Cash Acct	Cash Code	Amount Received
35	ARA0000009	G480C07\AWAPROS. G480C07\AWAPROS. GRANTS-DA	100409100	11050	100	0.00
Total Amount						100.00

One Hundred Dollars and zero Cents



Jeff Council
Fort Bend County Treasurer

Lawson Lawson

Deputy
Fort Bend County Treasurer

5.4 This is a sample receipt generated by AR32.1 It shows the newly generated receipt number.

Exhibit B: Fort Bend County Cash Receipt Technical Specifications

Fort Bend County –Cash Receipt Customization.doc
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VI. XX004 - Reprint Receipt

As displayed above, invoking the “Reprint Receipt” button in any of the forms above will redirect to XX004.

Receipt Layout Test (XX004)

Navigation: Back, Detach, Add, Change, Delete, Previous, Inquire, Next, Inquire

Buttons: Submit, Reports, Job Sched, Print Mgr

Job Name: XX004146

Job Description: reprint146

User Name: fbc\vranaarob Robin Vrana

Data Area/ID: TESTPL

Parameters

Receipt Number: 146

6.1 Enter a Job Name, Job Description and the Receipt Number that you want to be printed (Receipt Number should be already added in Receipt Master table)

Navigation: Back, Detach, Add, Change, Delete, Previous, Inquire, Next, Inquire

Buttons: Submit, Reports, Job Sched, Print Mgr

Job Name: XX004146

Job Description: reprint146

User Name: fbc\vranaarob Robin Vrana

Data Area/ID: TESTPL

Parameters

Receipt Number: 146

6.2 Click on the Add button for the job to be added on the list

Exhibit B: Fort Bend County Cash Receipt Technical Specifications

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Job Name	Description
REPRINT128	Receipt Layout Test
REPRINT134	Receipt Layout Test
REPRINT135	Receipt Layout Test
REPRINT136	Receipt Layout Test
REPRINT137	Receipt Layout Test
REPRINT146	reprint testing
REPRINT147	Receipt Layout Test
REPRINT149	Receipt Layout Test
REPRINT150	Receipt Layout Test
REPRINT151	Receipt Layout Test
REPRINT152	Receipt Layout Test
REPRINT153	Receipt Layout Test
REPRINT154	Receipt Layout Test
REPRINT155	Receipt Layout Test
REPRINT156	Receipt Layout Test
REPRINT157	Receipt Layout Test
REPRINT158	Receipt Layout Test
REPRINT159	Receipt Layout Test
REPRINT160	Receipt Layout Test
REPRINT161	Receipt Layout Test
XX004146	reprint146

View 25 Records Previous 25 Next 25 Records 1 - 21

http://lawsonweb.co.fort-bend.tx.us/lawson/portal/drill/drill.htm Internet

6.3 Drill Around button will show the added jobs

Receipt Layout Test (XX004)

Back Details Add Change Delete Previous Inquire Next Inquire

Submit Reports Job Sched Print Mgr

Job Name: XX004146

Job Description: reprint146

User Name: fbc\vranarob Robin Vrana

Data Area/ID: TESTPL

Parameters

Receipt Number 146

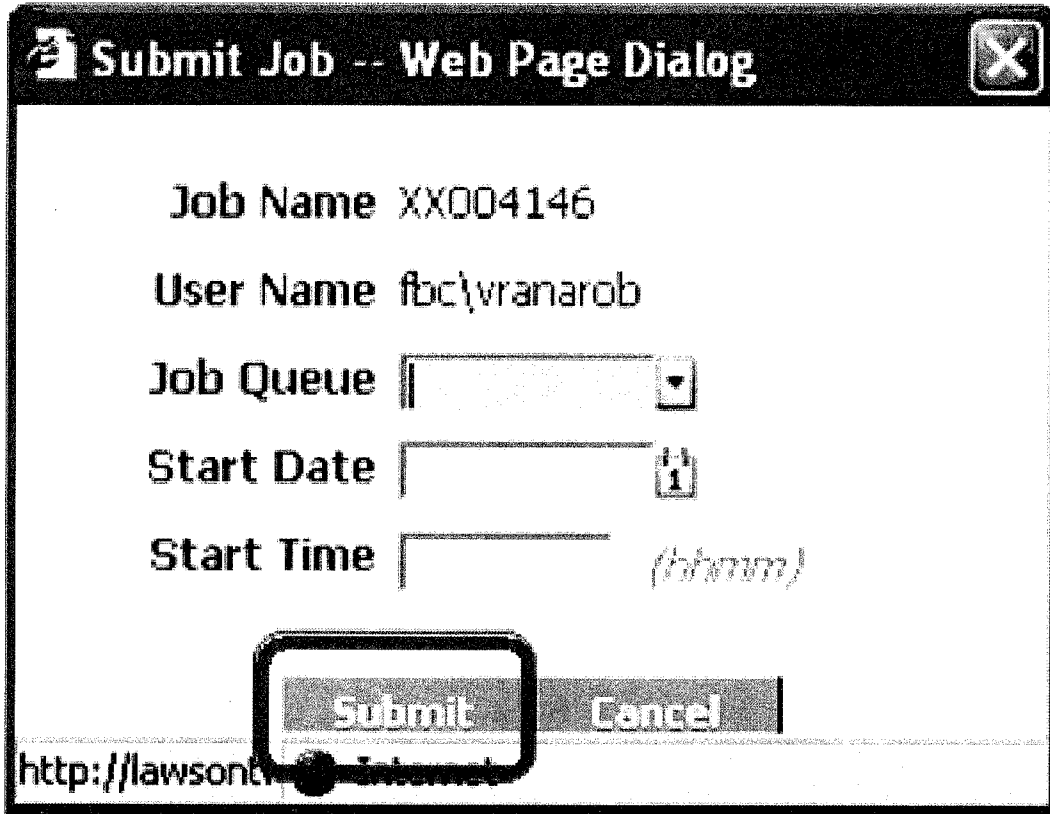


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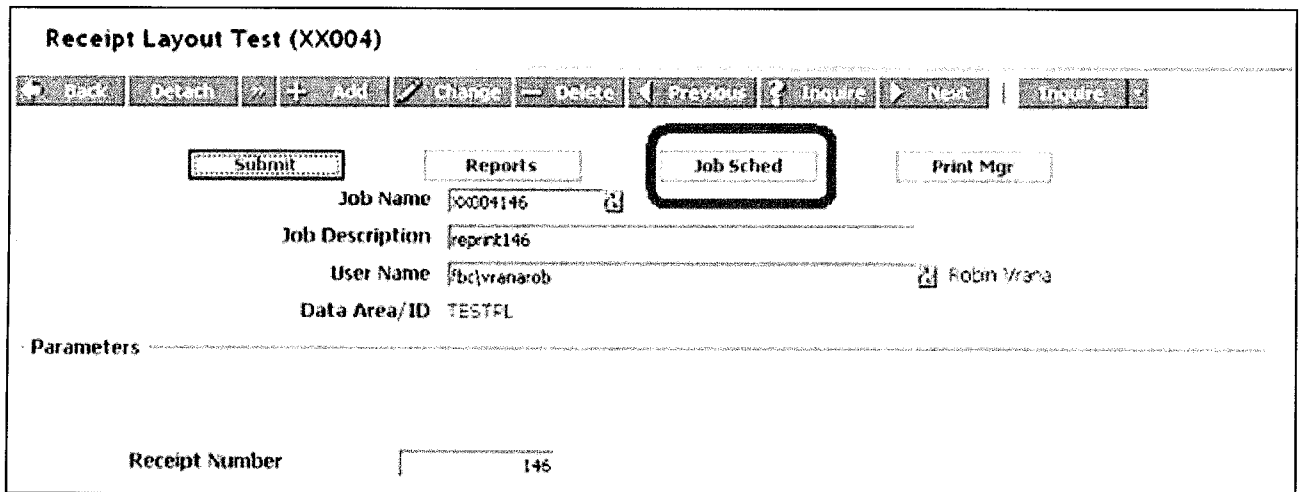
The contents of this document are confidential and proprietary to Lawson.

Exhibit B: Fort Bend County Cash Receipt Technical Specifications

6.4 Click on the Submit button to process the job



6.5 Job Screen will be displayed. Click Submit.



6.6 Click on Job Sched button to check if job has normally completed.

Exhibit B: Fort Bend County Cash Receipt Technical Specifications

Fort Bend County –Cash Receipt Customization.doc Design Document

The screenshot shows the Lawson Job Schedule interface. The 'Completed Jobs' tab is active, displaying a list of jobs. The first row is highlighted, showing job 'REP10146' with parameters '33004', job queue '*****', start date '04/10/2008 02:42:00', stop date '04/14/2008 02:42:00', and status 'Normal Completion'.

Job Name	Parameters	Job Queue	Start Date	Stop Date	Status
REP10146	33004	*****	04/10/2008 02:42:00	04/14/2008 02:42:00	Normal Completion
REP10146	33004	*****	04/10/2008 02:48:38	04/14/2008 02:48:38	Normal Completion
REP10146	33004	*****	04/11/2008 11:32:57	04/11/2008 11:32:58	Normal Completion
REP10146	33004	*****	04/11/2008 11:01:03	04/11/2008 11:01:04	Normal Completion
REP10146	33004	*****	04/11/2008 10:55:17	04/11/2008 10:55:18	Normal Completion
REP10146	33004	*****	04/11/2008 10:19:31	04/11/2008 10:19:32	Normal Completion
REP10146	33004	*****	04/11/2008 09:07:55	04/11/2008 09:07:56	Normal Completion
REP10146	33004	*****	04/10/2008 09:14:21	04/10/2008 09:14:22	Recovery Deleted
REP10146	33004	*****	04/10/2008 09:06:49	04/10/2008 09:06:49	Recovery Deleted
REP10146	33004	*****	04/09/2008 09:41:09	04/09/2008 09:41:10	Recovery Deleted
REP10146	33004	*****	04/09/2008 09:36:57	04/09/2008 09:36:58	Recovery Deleted
REP10146	33004	*****	04/09/2008 09:15:51	04/09/2008 09:15:52	Recovery Deleted
REP10146	33004	*****	04/09/2008 02:14:02	04/09/2008 02:14:04	Recovery Deleted
REP10146	33004	*****	04/09/2008 02:12:40	04/09/2008 02:12:42	Recovery Deleted
REP10146	33004	*****	04/08/2008 08:59:09	04/08/2008 08:59:11	Recovery Deleted
REP10146	33004	*****	04/07/2008 13:30:18	04/07/2008 13:30:19	Recovery Deleted
CR100407	CR100	*****	04/07/2008 13:16:52	04/07/2008 13:16:53	Normal Completion
CR1790404	CR175	*****	04/04/2008 11:41:25	04/04/2008 11:41:26	Normal Completion
CR1790404	CR175	*****	04/04/2008 11:40:46	04/04/2008 11:40:48	Normal Completion
CR1790404	CR175	*****	04/04/2008 09:55:43	04/04/2008 09:55:44	Normal Completion
CR1790404	CR175	*****	04/04/2008 08:47:29	04/04/2008 08:47:30	Normal Completion
CR1790404	CR175	*****	04/04/2008 00:46:25	04/04/2008 00:46:26	Normal Completion
CR1900404	CR150	*****	04/04/2008 02:45:24	04/04/2008 02:45:26	Normal Completion

6.7 You can check normally completed jobs in the Completed Jobs tab. If there's an error you can check it in the Waiting Jobs with Need Recovery status

Exhibit B: Fort Bend County Cash Receipt Technical Specifications

Fort Bend County –Cash Receipt Customization.doc Design Document

The screenshot displays a web browser window with the address bar showing 'http://lawsonweb.co.fort-bend.tx.us/lawson/portal/index.htm'. The page title is 'Lawson portal - Job Schedule - fbc\vrnarob'. The main content area features a table with the following columns: Job Name, Parameters, Job Queue, Start Date, Stop Date, and Status. The table lists various jobs, including reprints and cash receipts, with their respective start and stop dates and completion statuses.

Job Name	Parameters	Job Queue	Start Date	Stop Date	Status
<input type="checkbox"/> XX004146	XX004	*****	04/14/2008 02:42:00	04/14/2008 02:42:01	Normal Completion
<input type="checkbox"/> REPRINT153	XX004	*****	04/14/2008 00:56:15	04/14/2008 00:56:16	Normal Completion
<input type="checkbox"/> REPRINT146	XX004	*****	04/14/2008 00:48:38	04/14/2008 00:48:39	Normal Completion
<input type="checkbox"/> REPRINT155	XX004	*****	04/11/2008 11:32:57	04/11/2008 11:32:58	Normal Completion
<input type="checkbox"/> REPRINT153	XX004	*****	04/11/2008 11:01:03	04/11/2008 11:01:04	Normal Completion
<input type="checkbox"/> REPRINT152	XX004	*****	04/11/2008 10:55:17	04/11/2008 10:55:18	Normal Completion
<input type="checkbox"/> REPRINT151	XX004	*****	04/11/2008 10:19:31	04/11/2008 10:19:32	Normal Completion
<input type="checkbox"/> REPRINT149	XX004	*****	04/11/2008 09:07:55	04/11/2008 09:07:56	Normal Completion
<input type="checkbox"/> REPRINT146	XX004	*****	04/10/2008 09:14:21	04/10/2008 09:14:22	Recovery Deleted
<input type="checkbox"/> REPRINT146	XX004	*****	04/10/2008 09:06:43	04/10/2008 09:06:44	Recovery Deleted
<input type="checkbox"/> REPRINT137	XX004	*****	04/09/2008 09:41:09	04/09/2008 09:41:10	Recovery Deleted
<input type="checkbox"/> REPRINT137	XX004	*****	04/09/2008 09:36:57	04/09/2008 09:36:58	Recovery Deleted
<input type="checkbox"/> REPRINT136	XX004	*****	04/09/2008 09:15:51	04/09/2008 09:15:52	Recovery Deleted
<input type="checkbox"/> REPRINT136	XX004	*****	04/09/2008 08:14:02	04/09/2008 08:14:04	Recovery Deleted
<input type="checkbox"/> REPRINT136	XX004	*****	04/09/2008 08:12:40	04/09/2008 08:12:42	Recovery Deleted
<input type="checkbox"/> REPRINT135	XX004	*****	04/08/2008 08:59:09	04/08/2008 08:59:11	Recovery Deleted
<input type="checkbox"/> REPRINT128	XX004	*****	04/07/2008 13:30:18	04/07/2008 13:30:19	Recovery Deleted
<input type="checkbox"/> CB2100407	CB210	*****	04/07/2008 13:16:52	04/07/2008 13:16:53	Normal Completion
<input type="checkbox"/> CB1750404	CB175	*****	04/04/2008 11:41:25	04/04/2008 11:41:26	Normal Completion
<input type="checkbox"/> CB1750404	CB175	*****	04/04/2008 11:40:46	04/04/2008 11:40:46	Normal Completion
<input type="checkbox"/> CB1750404	CB175	*****	04/04/2008 09:55:43	04/04/2008 09:55:44	Normal Completion
<input type="checkbox"/> CB1750404	CB175	*****	04/04/2008 08:47:24	04/04/2008 08:47:25	Normal Completion
<input type="checkbox"/> CB1750404	CB175	*****	04/04/2008 08:46:35	04/04/2008 08:46:35	Normal Completion
<input type="checkbox"/> CB1500404	CB150	*****	04/04/2008 08:45:24	04/04/2008 08:45:26	Normal Completion



Exhibit B: Fort Bend County Cash Receipt Technical Specifications

Fort Bend County –Cash Receipt Customization.doc Design Document

The screenshot shows the Lawson Job Schedule portal for user fbc\vrnarob. The interface includes a navigation sidebar on the left with 'Print Manager' highlighted. The main content area displays a table of job entries under the 'Completed Jobs' tab.

Job Name	Parameters	Job Queue	Start Date	Stop Date	Status
<input type="checkbox"/> XX004146	XX004	*****	04/14/2008 02:42:00	04/14/2008 02:42:01	Normal Completion
<input type="checkbox"/> REPRINT153	XX004	*****	04/14/2008 00:56:15	04/14/2008 00:56:16	Normal Completion
<input type="checkbox"/> REPRINT146	XX004	*****	04/14/2008 00:48:38	04/14/2008 00:48:39	Normal Completion
<input type="checkbox"/> REPRINT155	XX004	*****	04/11/2008 11:32:57	04/11/2008 11:32:58	Normal Completion
<input type="checkbox"/> REPRINT153	XX004	*****	04/11/2008 11:01:03	04/11/2008 11:01:04	Normal Completion
<input type="checkbox"/> REPRINT152	XX004	*****	04/11/2008 10:55:17	04/11/2008 10:55:18	Normal Completion
<input type="checkbox"/> REPRINT151	XX004	*****	04/11/2008 10:19:31	04/11/2008 10:19:32	Normal Completion
<input type="checkbox"/> REPRINT149	XX004	*****	04/11/2008 09:07:55	04/11/2008 09:07:56	Normal Completion
<input type="checkbox"/> REPRINT146	XX004	*****	04/10/2008 09:14:21	04/10/2008 09:14:22	Recovery Deleted
<input type="checkbox"/> REPRINT146	XX004	*****	04/10/2008 09:06:43	04/10/2008 09:06:44	Recovery Deleted
<input type="checkbox"/> REPRINT137	XX004	*****	04/09/2008 09:41:09	04/09/2008 09:41:10	Recovery Deleted
<input type="checkbox"/> REPRINT137	XX004	*****	04/09/2008 09:36:57	04/09/2008 09:36:58	Recovery Deleted
<input type="checkbox"/> REPRINT136	XX004	*****	04/09/2008 09:15:51	04/09/2008 09:15:52	Recovery Deleted
<input type="checkbox"/> REPRINT136	XX004	*****	04/09/2008 08:14:02	04/09/2008 08:14:04	Recovery Deleted
<input type="checkbox"/> REPRINT136	XX004	*****	04/09/2008 08:12:40	04/09/2008 08:12:42	Recovery Deleted
<input type="checkbox"/> REPRINT135	XX004	*****	04/08/2008 08:59:09	04/08/2008 08:59:11	Recovery Deleted
<input type="checkbox"/> REPRINT128	XX004	*****	04/07/2008 13:30:18	04/07/2008 13:30:19	Recovery Deleted
<input type="checkbox"/> CB2100407	CB210	*****	04/07/2008 13:16:52	04/07/2008 13:16:53	Normal Completion
<input type="checkbox"/> CB1750404	CB175	*****	04/04/2008 11:41:25	04/04/2008 11:41:26	Normal Completion
<input type="checkbox"/> CB1750404	CB175	*****	04/04/2008 11:40:46	04/04/2008 11:40:46	Normal Completion
<input type="checkbox"/> CB1750404	CB175	*****	04/04/2008 09:55:43	04/04/2008 09:55:44	Normal Completion
<input type="checkbox"/> CB1750404	CB175	*****	04/04/2008 08:47:24	04/04/2008 08:47:26	Normal Completion
<input type="checkbox"/> CB1750404	CB175	*****	04/04/2008 08:46:35	04/04/2008 08:46:35	Normal Completion
<input type="checkbox"/> CB1500404	CB150	*****	04/04/2008 08:45:24	04/04/2008 08:45:26	Normal Completion

6.8 Click on Jobs and Reports located on the left side of the portal's screen and click on Print Manager

Exhibit B: Fort Bend County Cash Receipt Technical Specifications

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The screenshot shows the Lawson Print Manager interface in a Microsoft Internet Explorer browser. The browser address bar shows the URL: <http://lawsonweb.co.fort-bend.tx.us/lawson/portal/index.htm>. The page title is "Lawson portal - Print Manager - fbc\vrnarob".

The interface includes a navigation menu on the left with options like "Home", "Jobs and Reports", "Multi-Step Job Definition", "Job Schedule", "Print Manager", and "Job List". The main content area displays a table of print jobs with the following columns: Job Owner, Job Name, Description, Parameters, File Name, and Created.

Job Owner	Job Name	Description	Parameters	File Name	Created
<input checked="" type="checkbox"/>	FBC\VRNAROB	reprint146	XX004	XX004 prt	04/14/2008 02:42:01
<input type="checkbox"/>	FBC\VRNAROB	Receipt Layout Test	XX004	XX004 prt	04/14/2008 00:56:16
<input type="checkbox"/>	FBC\VRNAROB	REPRINT146	XX004	XX004 prt	04/14/2008 00:48:38
<input type="checkbox"/>	FBC\VRNAROB	REPRINT155	XX004	XX004 prt	04/11/2008 11:32:57
<input type="checkbox"/>	FBC\VRNAROB	Receipt Layout Test	XX004	XX004 prt	04/11/2008 10:55:10
<input type="checkbox"/>	FBC\VRNAROB	REPRINT152	XX004	XX004 prt	04/11/2008 10:19:31
<input type="checkbox"/>	FBC\VRNAROB	Receipt Layout Test	XX004	XX004 prt	04/11/2008 09:07:56
<input type="checkbox"/>	FBC\VRNAROB	REPRINT149	XX004	XX004 prt	04/11/2008 09:07:56
<input type="checkbox"/>	FBC\VRNAROB	Cash Receipt Deposit Listing	CB210	CB210 prt	04/07/2008 13:16:52
<input type="checkbox"/>	FBC\VRNAROB	CB1750404	CB175	CB175 prt	04/04/2008 11:41:26
<input type="checkbox"/>	FBC\VRNAROB	CB1750404	IFJR.1	jerpt1	04/04/2008 11:41:26
<input type="checkbox"/>	FBC\VRNAROB	CB1750404	CB175	error-rpt	04/04/2008 11:41:25
<input type="checkbox"/>	FBC\VRNAROB	CB1500404	CB150	CB150 prt	04/04/2008 08:45:26
<input type="checkbox"/>	FBC\VRNAROB	Mass Release	CB175	CB175 prt	03/03/2008 12:51:50
<input type="checkbox"/>	FBC\VRNAROB	Bank Transaction Posting	CB175	error-rpt	03/03/2008 12:51:50
<input type="checkbox"/>	FBC\VRNAROB	Bank Transaction Posting	CB175	error-rpt	03/03/2008 12:51:50
<input type="checkbox"/>	FBC\VRNAROB	Bank Transaction Posting	IFJR.1	jerpt1	03/03/2008 12:49:18
<input type="checkbox"/>	FBC\VRNAROB	Bank Transaction Posting	CB175	CB175 prt	03/03/2008 12:49:18
<input type="checkbox"/>	FBC\VRNAROB	Bank Transaction Posting	IFJR.1	jerpt1	03/03/2008 12:49:18
<input type="checkbox"/>	FBC\VRNAROB	Bank Transaction Posting	CB175	error-rpt	03/03/2008 12:49:17
<input type="checkbox"/>	FBC\VRNAROB	Distribution Closing	AR195	AR195 prt	03/03/2008 12:45:43
<input type="checkbox"/>	FBC\VRNAROB	Distribution Closing	IFJR.1	jerpt1	03/03/2008 12:45:43
<input type="checkbox"/>	FBC\VRNAROB	Audit Summary	AR194	AR194 prt	03/03/2008 12:45:12
<input type="checkbox"/>	FBC\VRNAROB	Application Closing	AR190	AR190 prt	03/03/2008 12:44:43
<input type="checkbox"/>	FBC\VRNAROB	Mass Release	CB150	CB150 prt	03/03/2008 12:40:36
<input type="checkbox"/>	FBC\VRNAROB	Payment Application Report	AR230	AR230 prt	02/03/2008 12:25:51
<input type="checkbox"/>	FBC\VRNAROB	Mass Release	CB150	CB150 prt	02/28/2008 14:46:14

6.10 Click on the generated print file of your job

Exhibit B: Fort Bend County Cash Receipt Technical Specifications

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The screenshot shows the Lawson Print Manager web interface. The 'Report Actions' button is highlighted with a red box. Below it, a table lists various reports with columns for Job Name, Description, Parameters, File Name, and Created date.

Job Name	Description	Parameters	File Name	Created
XX004146	reprint146	XX004	XX004 prt	04/14/2008 02:42:01
REPRINT153	Receipt Layout Test	XX004	XX004 prt	04/14/2008 00:56:16
REPRINT146	reprint testing	XX004	XX004 prt	04/14/2008 00:48:38
REPRINT155	Receipt Layout Test	XX004	XX004 prt	04/11/2008 11:32:57
REPRINT152	Receipt Layout Test	XX004	XX004 prt	04/11/2008 10:55:18
REPRINT151	Receipt Layout Test	XX004	XX004 prt	04/11/2008 10:19:31
REPRINT149	Receipt Layout Test	XX004	XX004 prt	04/11/2008 09:07:56
CB2100407	Cash Receipt Deposit Listing	CB210	CB210 prt	04/07/2008 13:16:52
CB1750404		CB175	CB175 prt	04/04/2008 11:41:26
CB1750404		IFJR.1	jerpt1	04/04/2008 11:41:26
CB1750404		CB175	error-rpt	04/04/2008 11:41:26
CB1500404	Mass Release	CB150	CB150 prt	04/04/2008 08:45:26
CB17503032	Bank Transaction Posting	CB175	CB175 prt	03/03/2008 12:51:50
CB17503032	Bank Transaction Posting	CB175	error-rpt	03/03/2008 12:51:50
CB17503032	Bank Transaction Posting	IFJR.1	jerpt1	03/03/2008 12:51:50
CB1750303	Bank Transaction Posting	CB175	CB175 prt	03/03/2008 12:49:18
CB1750303	Bank Transaction Posting	IFJR.1	jerpt1	03/03/2008 12:49:18
CB1750303	Bank Transaction Posting	CB175	error-rpt	03/03/2008 12:49:17
AR1950303	Distribution Closing	AR195	AR195 prt	03/03/2008 12:45:43
AR1950303	Distribution Closing	IFJR.1	jerpt1	03/03/2008 12:45:43
AR1940303	Audit Summary	AR194	AR194 prt	03/03/2008 12:45:12
AR1900303	Application Closing	AR190	AR190 prt	03/03/2008 12:44:43
CB1500303	Mass Release	CB150	CB150 prt	03/03/2008 12:40:36
AR2300303	Payment Application Report	AR230	AR230 prt	03/03/2008 12:25:51
CB1500228	Mass Release	CB150	CB150 prt	02/28/2008 14:46:14

6.11 Click on the Report Actions button then View to display the report

Exhibit B: Fort Bend County Cash Receipt Technical Specifications

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Lawson portal - XX004.prt (Job XX004146 - Step 1) - Microsoft Internet Explorer provided by Lawson

Address: http://lawsonweb.co.fort-bend.tx.us/lawson/portal/index.htm

Lawson portal - XX004.prt (Job ...)

LAWSON XX004.prt (Job XX004146 - Step 1) Welcome Rbbin
cb10

FTP 2 CashReceipt Folder
FTP 2 D:1

Multi-Step Job Definition
Job Schedule
Print Manager
Job List

XX004 Date: 04/14/08 JOB SUBMISSION PARAMETERS
Time: 02:42

User Name: FBC\VRANAROB
Job Name : XX004146
Step Nbr : 1

Receipt Number: 146

Jeff Council
Fort Bend County Treasurer
P.O. Box 1202
Richmond, Tx 77406-1202

county treasurer Receipt No: 00146
Date Received: 2008/04/10
Date Posted: 2008/04/11

Batch No.	Pay Type	Description	Cash Acct Unit	Cash Acct	Cash Code	Amount Received
0	TEST0410	TEST REPRINT 04/10/2008	106406100-5	54240	100	750.05
Total Amount:						750.05

Jeff Council
Fort Bend County Treasurer

Deputy
Fort Bend County Treasurer

Done



Exhibit B: Fort Bend County Cash Receipt Technical Specifications

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6.12 This is the report generated by XX004. Note that the word "Negative" is added on the re-printed receipt if the Total Amount is negative.

Base forms for Design Studio:

ar30.1.reprint.xml
ar32.1.reprint.xml
ar21.3.reprint.xml
cb20.1.reprint.xml
cb45.1.reprint.xml
ar20.1.reprint.xml

Delivered forms for Design Studio:

ar30.1.new.xml
ar32.1.new.xml
ar21.3.new.xml
cb20.1.new.xml
cb45.1.new.xml
ar20.1.new.xml

\images folder should be migrated to Lawson\portal\content\forms folder (contains fortbendborder.JPG, fortbendlogo.JPG, fortbendsignature.JPG)

4.0 Alternatives Considered

None

5 Assumptions, Risks and Concerns

5.1 Assumptions

Default form validation still applies when updating User Field values.
Receipt can be reprinted only if the transaction has been printed once
When applying an upgrade patch for AR/CB, there is a need to re-apply the customization after the patch (See 5.1a PATCH APPLICATION)
The migration procedure for Cobol (starting on Page 11 of this document) and Design Studio must be done so that the customization will be re-applied

5.1a – PATCH Application

**** Be sure to back up all modified forms before getting started with Patch Application**

Back Up of Custom Forms: Z:\lawprod\apps\prodpl\Automation Prj Back Up - 03182009

- i. Download Patch. Check ReadMe File to check affected files / productlines
- ii. Back up all files in different directory for both customized forms and Patch files.
- iii. Create folder and Extract Patch
- iv. Run lawappinstall with the preview directive
This allows you to preview what will be changed. Review the **preview.log** file to see what are the impacts of the installation would be when you do continue the installation.
The **preview.log** provides the following information:
 - entries from install.log
 - detected modified files list
 - whether a database reorganization will be necessary
 - entries from patchcompile.log



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To execute lawappinstall using the **preview** option,
For Windows, type
perl %GENDIR%\bin\lawappinstall preview <productline> <versionfiledir>

- v. Running lawappinstall with the update directive
Running lawappinstall using the **update** directive updates application source files (program and metadata) into the installation productline.

To execute lawappinstall using the **update** option
For Windows, type
perl %GENDIR%\bin\lawappinstall update <productline> <versionfiledir>

- vi. Running lawappinstall with the activate directive
Running Application Installation using the activate directive implements the application source files (program and metadata) that have been updated into the installation productline.

To execute lawappinstall using the activate option
For Windows, type
perl %GENDIR%\bin\lawappinstall activate <productline>

where as <productline> Productline
<versionfiledir> Location of extracted patch file

- vii. If needed run (check preview.log)
Compile or Qcompile
locmp ProductLine SystemCode ProgramCode
or **qcompile ProductLine SystemCode ProgramCode**
Build Dictionary - blddbdict
blddbdict ProductLine or
blddbdict DataArea
Database Reorganization
dbreorg DA or
dbreorg PL
DA is DataArea and PL is ProductLine



Exhibit B: Fort Bend County Cash Receipt Technical Specifications

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vii. Compare Production file against Patch File. If custom application (CB20 etc) are not affected with the update. Ignore this Phase. Custom forms can be migrated from the back up using migration procedure.

**This is a sample image (Highlighted are the difference between files)

(Patch) → (extract from PROD)

The screenshot shows a diff tool window with two panes. The left pane is labeled 'From Patch' and the right pane is labeled 'From PROD / Modified Files'. The diff tool is comparing two files, and the differences are highlighted. At the bottom of the window, it says '16 differences found'.

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viii. Move Patch lines to Prod lines (except for those GSC modified lines tagged as **FBC-DS**) or if no new lines for patch files were found, move Production file (Custom Forms) to location where patch was applied. (**PD /WS /SCR**)

NEW FORMS/REPORTS

- d. XX01.1
- e. XX03.1
- f. XX004

CUSTOMIZED FORMS

- f. AR30.1
- g. AR32.1
- h. AR21.3
- i. CB20.1
- j. CB45.1
- k. AR20.1

Delivered forms for Design Studio:

- ar30.1.new.xml
- ar32.1.new.xml
- ar21.3.new.xml
- cb20.1.new.xml
- cb45.1.new.xml
- ar20.1.new.xml

Images folder should be migrated to Lawson\portal\content\forms folder (contains fortbendborder.JPG, fortbendlogo.JPG, fortbendsignature.JPG)

ix. Compile / Build Tables and Re-Org Tables See *section vii*

NEW TABLES

- RECEIPTCNT
- RECEIPTMST

x. Check for error/s. Type in command: **ls *.err**

xi. For Errors check:

RESOLUTION:

Please note that the destination program source folders are
%LAWDIR%\productline\systemcode

Open working storage mod ie. CB20WS and edit the directory path inside.
Only CB20, CB25, XX004 has to be updated.
Check "D:\LAWPROD\APPS\PRODPL\WORK..." directories for Path

The following file should exist in production, if not, create them or copy from the TESTPL:

D:\lawprod\apps\prodpl\work\CB20TRNCSV\CB20TRNCSV

D:\lawprod\apps\prodpl\work\CB45TRNCSV\CB45TRNCSV

These files contains the last transaction number for CB20, and
CB45.



Document Version 1.0

The contents of this document are confidential and proprietary to Lawson.

Exhibit B: Fort Bend County Cash Receipt Technical Specifications

Fort Bend County –Cash Receipt Customization.doc
Design Document

5.2 Risks

There will be a data integrity issue in RECEIPTMST if the process of printing a Cash Receipt will not be completed. See *Resolution* Slowness in the opening of Receipt printing – do a DBREORG and Recompile XX03 Reprinting goes to “Needs Recovery” – give the user full permission to the folder where the reprint files is located.

RESOLUTION:

To resolve this issue, Check if failed transaction was added in RECEIPTMST and RECEIPTCNT, delete record for failed transaction in both tables

Check last successful receipt number and update files (CSV) delete unprocessed receipt numbers in RECEIPTMST and RECEIPTCNT. *D:\lawprodt\apps\prodpl\work\CB45TRNCSV*
D:\lawprodt\apps\prodpl\work\CB20TRNCSV.

5.3 Other Concerns

All new tables, as mentioned in Section 2.2, if not yet created, should be defined. They should be created under the CB system code, with necessary access rights given to the users.

Users should also have access to forms XX01.1 (Receipt Count), XX03.1 (Receipt Master) and XX004 (Reprinting Treasurer’s Receipt).

Exhibit B: Fort Bend County Cash Receipt Technical Specifications

Fort Bend County –Cash Receipt Customization.doc
Design Document

6 Estimation

Phase	Hours
Design	
Construction	
Unit Test	
Total	

7 Open Items

Identify any questions or items that have not been identified for this document.

Open Item	Description	Opened By	Opened Date	Closed By	Closed Date

8 Scope Management

Identify any questions or items that would require scope change for this document.

Scope Change	Description	Signed By	Date Signed

Exhibit B: Fort Bend County Cash Receipt Technical Specifications

9 Test Plan

10 Acceptance Form

Application Name:
Project Number

I have reviewed the design specification document, dated **09/01/2011** provided to me by Lawson for the customized requirements and/or modification of the above application. I understand that the requirements gathered by Lawson were used as a basis in the preparation of the design specification. I have identified all of the requirements and accept the implementation of these changes as shown in the above specification. I understand that Lawson will use this design specification in the technical design and development phase. By signing this acceptance form, I authorize Lawson to continue expending hours towards the completion of this project.

I understand that following my acceptance of this design specification, should I identify additional requirements, changes to the scope and/or or changes to the design in general, this could result in changes to the project estimate.

Company: **<Client Name>**

Name: _____
Title: _____
Signature: _____
Date: _____

Company: **Lawson**
Prepared By: _____

Approved by: _____
Name: _____
Title: _____
Signature: _____
Date: _____

11 Appendices



Exhibit C: Fort Bend County Travel Policy

Annex B

Fort Bend County Travel Policy

Approved in Commissioners' Court on November 3, 2009

Effective November 4, 2009

Revised September 7, 2010

Revised June 2, 2015, Effective August 1, 2015

Revised July 28, 2015, Effective August 1, 2015

The Commissioners' Court allocates funds annually for the payment of travel expenditures for county employees and officials within the individual departmental budgets. Travel expenditures paid from these budgets must serve a public purpose for Fort Bend County. These expenditures may be paid directly to the vendor or provided as a reimbursement to the employee/official upon completion of their travel. Advance payments to vendors may be accommodated by issuance of a check or use of a County procurement card. Eligible expenditure categories under this policy include: Lodging, meals, transportation, registration fees, and other fees (with justification). Each category is further defined below.

CONTRACT RATES:

Fort Bend County is a 'Cooperative Purchasing Participating Entity' with the State of Texas. This program is also known as TPASS (Texas Procurement and Support Services) State Travel Management Program (STMP). This gives County employees and officials access to the contract rates negotiated by the State for hotels and rental cars. Procurement procedures for these contract services are explained within the categories below.

OUT OF STATE TRAVEL:

Authorization: The traveler must obtain Commissioners' Court approval for out-of-state travel before departure. The duration must include travel days along with the event scheduled days. To prevent delays in processing travel reimbursement, ensure that the travel duration is accurately defined when submitting the agenda request.

Documentation: The traveler must provide an excerpt from the Commissioners' Court minutes (<http://www.fortbendcountytexas.gov/index.aspx?page=55>) with the travel reimbursement form.

LODGING (In and Out of State):

Hotel:

Hotel reimbursements are limited to the Federal Travel Regulations set forth by US General Services Administration (GSA) by location not including taxes. The rates are set annually and vary by month and location. The maximum rates for lodging per day can be found at:

http://www.gsa.gov/portal/content/104877?utm_source=OGP&utm_medium=print-radio&utm_term=perdiem&utm_campaign=shortcuts based on travelers destination.

Fort Bend County is a 'Cooperative Purchasing Participating Entity' with the State of Texas. This gives County employees and officials access to the contract rates negotiated by the State for hotels. Participating hotels can be found at: http://portal.cpa.state.tx.us/hotel/hotel_directory/index.cfm (be sure to check the correct fiscal year). **When making a reservation the traveler must ask for the State of Texas Contract rate (not the government rate) and be prepared to provide the County's agency #: C0790. Traveler must verify confirmed rate matches the negotiated**

Exhibit C: Fort Bend County Travel Policy

contract rates found on the State's website listed above and does not exceed the GSA daily allowance.

If the organizer of a conference/seminar has negotiated discount rates with a hotel(s), the traveler may choose these lodging services without penalty but the traveler must reserve the room at the group rate and be able to provide documentation of the group rate.

The traveler will be responsible for the excess charge over the GSA per diem rate for the city/county even if using the State rate. The Auditor's Office will deduct from the travelers' reimbursement any excess charges over the GSA per diem rate. Travel websites including but not limited to Expedia and Travelocity should not be used to book lodging.

Travel Days: If the traveler must leave before 7:00AM to arrive at the start of the event and/or return to the County after 6:00PM after the event concludes, an additional night's lodging is allowable before and/or after the event.

Additional fees allowable: Self-parking

Additional fees allowable with justification: Valet parking is allowable if an extreme hardship exists due to physical disability of the traveler or if no self-parking is available.

Fees not allowable: Internet, phone charges, laundry, safe fees

Gratuities: Gratuities are not reimbursable for any lodging services.

Overpayments by County: Any lodging overpayment by the County must be reimbursed by the hotel before processing a reimbursement to the traveler for any of the categories addressed in this policy. Prepaid lodging services should be accurately calculated or underestimated by excluding the taxes to prevent delays in processing travel reimbursements.

Procurement Card: The traveler may use the procurement card to make lodging reservations. Contact Purchasing to arrange or use the procurement card assigned to the department or traveler.

Documentation: A final settled hotel bill with a zero balance from the front desk is required even if lodging is paid by the procurement card. The hotel bill left under the door is not acceptable. The hotel bill should be scrutinized before traveler departs to make sure all charges are valid and notify hotel of any invalid charges and resolve issues before departing. Any invalid charges will be the responsibility of the traveler. A copy of the itemized hotel statement must be submitted with the travel reimbursement claim if the traveler used a County procurement card to purchase lodging services or prepaid by County check. Event agenda/documentation or a letter from the traveler describing the event/meeting is required. If utilizing conference negotiated hotel rates, documentation of rates is required.

Changes/Modifications to Reservation – Any modifications including cancellation of reservation, the traveler must obtain a confirmation number and note the name of the person they spoke with in case the hotel charges the traveler. If the traveler does not obtain a confirmation number then any expenses incurred will be the responsibility of the traveler. Expenses resulting from changes or modifications to travel reservations will be paid by the County if the traveler produces documentation that a family emergency exists.

MEALS:

Texas: Meals including gratuities will be reimbursed to the traveler at a flat rate of \$36/day. The travelers per diem on the departure day and final day of travel will be at 75% of the per diem which is \$27/day.

Exhibit C: Fort Bend County Travel Policy

Out-of-state: Meals including gratuities will be reimbursed to the traveler at a flat rate of \$48/day. The travelers per diem on the departure day and final day of travel will be at 75% of the per diem which is \$36/day.

Day trips: Meals will not be reimbursed for trips that do not require an overnight stay.

Procurement Card: No meal purchases are allowed on any County procurement card.

Documentation: No meal receipts are required for reimbursement. Event agenda/documentation or a letter from the traveler describing the event/meeting is required.

TRANSPORTATION:

Personal Vehicle: Use of personal vehicle will be reimbursed at the current rate/mile set by Commissioners' Court. Mileage should be calculated using the County office location of the traveler and the event location. Mileage may not be calculated using the traveler's home. Mileage should be calculated using an employee's vehicle odometer reading or by a readily available online mapping service for travel out of Fort Bend County. If using the mileage of an online mapping service, state which mapping service was used or provide a printout of your route detailing the mileage. For local travel, odometer readings or mapping service details are not required. Departments should develop a mileage guide for employees for local travel points, if a department does not have a mileage guide, the Auditor's Office will determine if the mileage listed is reasonable.

Allowable expenses: Parking and tolls with documentation.

County Vehicle: Fuel purchases when using a County vehicle should be made with the County Procurement card if available. Original receipts will accompany the Procurement Card statement but a copy must be provided with the travel reimbursement request.

Allowable expenses: Parking and tolls with documentation required.

Airfare: Airfare is reimbursable at the lowest available rate based on 14 day advance purchase of a discounted coach/economy full-service seat based on the required arrival time for the event. The payment confirmation and itinerary must be presented with the travel reimbursement form. The traveler will be responsible for the excess charges of an airline ticket purchase other than a coach/economy seat. When using Southwest Airlines a traveler should choose the "wanna get away" flight category.

Allowable Expenses: Bag fees. Fare changes are allowable if business related or due to family emergency.

Unallowable Expenses/Fees: Trip insurance, Early Bird Check In, Front of the line, Leg Room, Fare changes for personal reasons.

Rental Car: Rental cars are limited to the negotiated TPASS rates listed at: <http://www.window.state.tx.us/procurement/prog/stmp/stmp-rental-car-contract/vendor-comparison/>. The contact information for Avis is listed here: <http://www.window.state.tx.us/procurement/prog/stmp/stmp-rental-car-contract/Avis/>. The contact information for Enterprise is listed here: <http://www.window.state.tx.us/procurement/prog/stmp/stmp-rental-car-contract/Enterprise/>. You will need to make your reservations at least 14 days in advance and provide the County's agency #: C0790. The traveler will not be reimbursed for any amount over the negotiated contract rates if a non-contract company is used at a higher rate. The traveler should select a vehicle size comparable to the number of County travelers. The traveler may use a non-contract vendor at an overall rate lower than the contract rates with no penalty. The original contract/receipt must be presented with the travel reimbursement form or a copy if a County procurement card is used. The traveler will be responsible for any excess charges not included in the TPASS rates or for choosing a vehicle size not comparable with the number of travelers on the trip.

Exhibit C: Fort Bend County Travel Policy

Insurance is included in the negotiated TPASS rates, if a traveler chooses to take out additional insurance the cost is on the traveler.

Enterprise:

- Optional Customer, Coupon or Corporate number is **TXC0790**
- Please enter the first 3 characters of your company's name or PIN number **FOR**
- Enterprise will automatically bill FBC when you reserve your vehicle so you need to have a purchase order before your departure.

Avis:

- Avis Worldwide Discount (AWD) Number or Rate Code **F930790**
- You cannot use the wizard option if you have an account with Avis, the wizard will override the state rate and normally the State rates are less.

Unallowable Fees/Charges: GPS, prepaid fuel, premium radio, child safety seats, additional insurance, one way rentals.

Allowable expenses: Parking and tolls allowed with documentation.

Other Transportation: Other forms of transit (bus, taxi, train) are reimbursable with an original receipt.

Gratuities: Gratuities are not reimbursable for any transportation services.

Procurement Card: The traveler may use a County procurement card to make transportation reservations for air travel and rental car services. Contact Purchasing to arrange or use the procurement card assigned to the department or traveler.

Documentation: Original receipts are required for all transportation reimbursements paid by the traveler. Transportation services obtained with a County procurement card require a copy of the receipt. Additional requirements are noted within each category above. Event agenda/documentation or a letter from the traveler describing the event/meeting is required.

REGISTRATION:

Registration fees: Registration fees are reimbursable for events that serve a Fort Bend County purpose. Registration fees for golf tournaments, tours, guest fees and other recreational events are not reimbursable.

Procurement Card: The traveler may use a County procurement card to register for an event. Contact Purchasing to arrange or use the procurement card assigned to the department or traveler.

Documentation: An original receipt must be obtained upon registration and submitted with the reimbursement request if paid by the traveler. A copy of the receipt must be provided if registration is paid on a County procurement card. Event agenda/documentation or a letter from the traveler describing the event/meeting is required.

GRANTS:

Travel expenditures from Federal and State grants must also conform to the granting agency's funding requirements.

TRAVEL REIMBURSEMENT FORM:

The traveler must use the current travel reimbursement form (<http://econnect/index.aspx?page=55>) for all travel related services addressed in this policy. No other expenditures may be submitted for reimbursement on the travel reimbursement form. After completing all required information, the travel form must be signed/dated by the traveler and the department head/elected official. Travel reimbursement request should be submitted within 30

Exhibit C: Fort Bend County Travel Policy

days from when traveler returns from trip. Mileage reimbursement request should be submitted no less frequently than quarterly. Mileage reimbursement request for the fourth quarter should be submitted no later than October 30th for yearend processing.

EXCLUSIONS:

If the traveler has custody of a person pursuant to statute or court order or if the traveler is required by court or legal entity to appear at a particular time and place the traveler will not be penalized for accommodations that require a 14 day advance purchase ticket if travel is required with less than 14 days' notice.

If the traveler has custody of a person pursuant to statute to court order the traveler will not be held to the 75% per diem on the departure and final day of travel.

Exhibit D: Infor Project Change Order Template



CHANGE ORDER

INTRODUCTION

This Change Order document ("Change Order") is subject to all terms and conditions of the Software Services Agreement (or, if applicable, the Professional Services Agreement) between Infor and Licensee with an Effective Date of <Insert Date> (the "Services Agreement") and constitutes a change to the Services Work Order identified below by Work Order Number ("Work Order"). All terms of the Services Agreement and Work Order are incorporated herein by reference. Capitalized terms not defined in this Change Order are defined in the Services Agreement or Work Order. In the event of a conflict, the terms of this Change Order control over the terms of the Services Agreement and Work Order.

1.0 CHANGE ORDER

Licensee (customer)

Project Name

Project Number

Project Manager

Project Phase

Product(s)

Work Order Number

Change Number

Issue Number

Description

Requestor

Identified Date

Prepared By

Change Status Log

Date

Initial identification/assessment

Approved for detailed impact analysis (optional)

Pending Approval

Final Approval

Approved

Denied

Exhibit D: Infor Project Change Order Template

Updated project and budget plans

1.1 Preliminary identification and assessment

Describe the change in detail

Reason for the change

Please describe the reason for the change as well as the business benefits that will be provided through this change

High level impact assessment

1.2 Approval for detailed impact analysis (optional)

Reviewer

Review Date

1.3 Detailed impact analysis

Impact on project plan (including estimated timelines)

Target date (for implementation)

Impact on resource requirements

Additional risk

Exhibit D: Infor Project Change Order Template

Impact on project cost

Service Fee Estimate for Additional Services Provided under this Change Order

Resource/Activity/Task	Estimated [Hours/Days]	[Hourly/Daily] Rate	Estimated Fee
			\$
			\$
			\$
			\$
			\$
			\$
			\$
			\$
Total			\$

Estimated time and costs listed in this Change Order represent an estimate only and are in addition to the estimates provided in the original Work Order. Actual project time and cost may vary from the estimates provided. Where a substantial variation from this Change Order is foreseen, both parties must agree in writing to the additional work and document the change in a subsequent Change Order.

Other Projects Affected

Who needs to be notified of the change

Comments

2.0 CHANGE APPROVAL / PAYMENT

By signing below, Licensee authorizes Infor to proceed with the work set forth in this Change Order and bill Licensee per the payment terms set forth in the original Work Order for any additional Services fees. Please return a signed copy of this Change Order to Infor PSO.

THE PARTIES have executed this Change Order through the signatures of their respective authorized representatives.

INFOR:

LICENSEE:

Signature:

Signature:

Exhibit D: Infor Project Change Order Template

Printed Name:

Printed Name:

Title:

Title:

Address:

Address:

Address:

Address:

Signature Date:

Signature Date: