



CITY COUNCIL STAFF REPORT

DATE: October 1, 2014

CONSENT AGENDA

SUBJECT: APPROVE CONTRACT AMENDMENT TO RISELO ENGINEERING SOLUTIONS INC. FOR REPAIR OF AIRPORT BAGGAGE HANDLING SYSTEMS

FROM: David H. Ready, City Manager

BY: AIRPORT

SUMMARY

This action is to consider awarding a contract amendment for the repair and maintenance of baggage handling systems at Palm Springs International Airport.

RECOMMENDATION:

1. Approve the service contract amendment No 1 to Riselo Engineering Solutions Inc. Agreement No. 6102 for the replacement, rehabilitation, and annual maintenance of the Palm Springs International Airport baggage handling systems in an amount not-to-exceed \$120,781.48.
2. Authorize the City Manager to execute all necessary documents

STAFF ANALYSIS:

The baggage handling systems behind the airline ticket counters at the Palm Springs International Airport are well over two decades old. One of the belts, which will be used by new airline provider Air Canada beginning December 18th, when it begins new service to Vancouver, Canada, requires a full replacement. Several other baggage belt units also require a variety of component repairs in order to function reliably.


For the last several years, Riselo Engineering Solutions Inc., has been under a competitively bid contract with the City to service and repair the airport's passenger handling equipment using certified and experienced technicians. This firm also

ITEM NO. 211

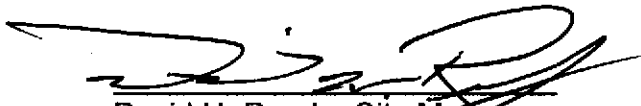
specializes in the repair and servicing of baggage handling systems and has been providing such service to PSP Airport on occasion when minor low-cost repairs have been required in the past. Given the urgency to have the equipment operating properly in time for season, the Procurement and Contracting Manager, in consultation with the City Attorney, reviewed the current agreement with Riselo, which under Sections 1.8 (Additional Services) and 2.3 (Changes in Scope) allows for Council to authorize amendments to add similar repair and maintenance services for airport equipment. Pursuant to the provisions of 7.04.030 of the Municipal Code the City Council may authorize the amendment for the services under the Special Expertise method given Riselo's experience, expertise and successful performance demonstrated under their current agreement.

FISCAL IMPACT:

Funds are available in the Unscheduled Capital Expense Account No. 416 6501 50000 for \$120,781.48.



Thomas Nolan,
Executive Director, Airport



David H. Ready, City Manager

Attachment: Amendment No. 1
Riselo Engineering Project Scope

AMENDMENT NO. 1
TO AGREEMENT NO. 6102 – RISELO ENGINEERING SOLUTIONS INC.
PALM SPRINGS INTERNATIONAL AIRPORT

THIS FIRST AMENDMENT is made and entered into as of the 1ST day of October, 2014 (the "effective date") by and between the CITY OF PALM SPRINGS, a California charter city and municipal corporation ("City"), and Riselo Engineering Solutions Inc., (herein "Consultant") as follows:

RECITALS

WHEREAS, the City owns and operates Palm Springs International Airport ("Airport") located in Palm Springs, California for the convenience of the general public.

WHEREAS, City and Consultant entered into that certain Professional Services Agreement No. 6102 for Passenger Boarding Bridge Maintenance Services ("Agreement"), as duly amended from time to time; and

WHEREAS, the parties wish to amend the Agreement to increase work assignments.

NOW, THEREFORE, for good and sufficient consideration, the parties agree as follows:

1. Exhibit "A", Scope of Services, is hereby amended to add the following engineering services for additional resident professional repairs for the equipment identified in Task 1 for the baggage delivery carousel numbers 1 through 9. Task 2 rehabilitation and repairs for the baggage make-up belt system. Task 3 rebuild baggage system 5 in the airport ticketing wing.

Task 1 Annual System Maintenance	\$ 17,801.36
Task 2 Rehabilitation of existing System	\$ 53,076.88
Task 3 Rebuild System 5 Bag-Make-Up	\$ 49,903.24

2. This amendment shall allow a total project sum up to \$120,781.48 for necessary repair and maintenance services relating to the bag carousels and bag make-up belt systems.

Except as previously modified herein, all other provisions of the Agreement shall remain unmodified in full force and effect.

[SIGNATURE PAGE FOLLOWS]

Amendment No. 1, Riselo Engineering Solutions Inc.

IN WITNESS WHEREOF, the parties have executed and entered into this Agreement as of the date first written above.

ATTEST:

CITY OF PALM SPRING
a municipal corporation

By: _____
City Clerk

By: _____
City Manager

APPROVED AS TO FORM:

By: _____
City Attorney

CONTRACTOR: Check one: _____ Individual _____ Partnership _____ Corporation
Corporations require two notarized signatures: One from each of the following: A. Chairman of the Board, President, or any Vice President: AND B. Secretary, Assistant Secretary, Treasurer, Assistant Treasurer, or Chief Financial Officer.

By: _____
Signature (notarized)

By: _____
Signature (notarized)

Title: _____

Title: _____

State of _____

State of _____

County of _____

County of _____

On _____ before me, _____

On _____ before me, _____

personally appeared _____
proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument acknowledged to me that he/she/they executed the same in he/her/their authorized capacity(is), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

personally appeared _____
who proved to me on the basis of satisfactory evidence to be the person(s) whose names(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(is), and that by his/her/their signature(s) on the instrument the person(s) or the the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

I certify under PENALTY OF PERJURY under the laws of the State of California that the e foregoing paragraph is true and correct.

WITNESS my hand and official seal.

WITNESS my hand and official seal.

Notary Signature: _____

Notary Signature: _____

Notary Seal:

Notary Seal

Exhibit A

September 18, 2014

City of Palm Springs

Palm Springs International Airport

Attn: Steve Bowser

Deputy Director of aviation, O&M

3400 E. Tahquitz Canyon Way

Palm Springs, CA. 92262

RE: Amendment to the current Agreement A6102 for the Loading Bridges Maintenance Service

FOR: The Maintenance of Baggage Handling and Conveyance Systems at the Palm Springs International Airport

Dear Mr. Bowser

RISELO ENGINEERING SOLUTIONS, INC. has been implementing preventive maintenance program, troubleshooting, servicing, repairing and providing phone technical support for baggage Handling systems and passenger loading bridges for the last sixteen (16) years. Working side by side and implementing a team player philosophy with management and technicians at different airports, our personnel has been able to provide solutions for all the sites needs. We possess a complete understanding of the rules already established by the Airport Authorities in the Airport industry. All the experience accumulated throughout the years working on Baggage systems and passenger loading bridges makes us confident that RISELO ENGINEERING SOLUTIONS, INC. is your best option to continue with your trend of quality service.

With **ZERO LOST TIME ACCIDENTS** and implementing our policy of "**SAFETY BEFORE YOU OR ME**" for the last sixteen (16) years while working on Baggage systems and passenger boarding bridges in the Airport industry in the Southern California region, RISELO ENGINEERING SOLUTIONS, INC. has conducted and will continue to conduct all business in full compliance of safety regulations prescribed by the California Occupational Safety and Health Act. As part of this implementation, all of our personnel are presently obtaining training in order to insure proper and safe methods to handle our different tasks on baggage systems and passenger

loading bridges on a monthly basis. This regular training is conducted by management staff with years of experience lead by Mr. Romeo Lopez and Mr. Ivan V. Lopez.

Due to his experience working in airport industry, and in order to continue the trend of quality service for the baggage system at the Palm Springs International Airport, RISELO ENGINEERING SOLUTIONS INC. has assigned Mr. Romeo Lopez as Project Manager. Mr. Lopez is a certified journeyman electrician, whose experience spans 18 years. He has worked in several airports as Project Manager, Technician, and/or trainer in the US (including Hawaii) and abroad in Guam. His experience covers conventional and PLC controlled Baggage Systems and passenger loading bridges, 400 HZ Ground Power Units, Pre-Conditionings Airs units (known as PCAirs), Potable Water Cabinets, mechanical, plumbing, electrical and HV/AC systems. Mr. Lopez is a former instructor for the California Electrical Training School, whose curriculum included teaching implementation and understanding of the National Electrical Code (NEC), along with basic and advanced electrical and electronics courses. With all these qualifications, we are assigning to this project one of the most experienced Project Managers that you can get in the industry for the Baggage Handling System at the Palm Springs International Airport.

For the last 16 years RISELO ENGINEERING SOLUTIONS, INC., with its certified and experienced technicians, has been acquiring knowledge and experience working on other contract projects with the same scope of work. We have experience working on Baggage handling systems and passenger boarding bridges, at the Ontario International Airport, John Wayne Airport, Los Angeles International Airport, Meadows Field Airport in Bakersfield and here in Palm Springs Airport where our company was awarded the contract for three years with option of two years extension to provide service, maintenance and repair for the Passenger Loading Bridges, 400 HZ Ground Power Units, Potable Water Cabinets and Pre-Conditioning air Units (PCAirs)

We trust that with all the experience accumulated through the years working in the Airport industry, we will meet the necessary requirements to be awarded this contract. The vast experience of the assigned Project Manager, assigned personnel and detailed information about RISELO ENGINEERING SOLUTIONS, INC. is included in this proposal for the Amendment to the current Agreement A6102.

If you need more information or have any questions, please do not hesitate to call us at (909) 356-8827.

Thank you very much

Romeo Lopez

Genera Manager
RISELO ENGINEERING SOLUTIONS, INC.

References

1) Los Angeles International Airport

Contact: Mr. Roberto Coto

LAX Terminal 1

Site Manager

100 World Way, Terminal 1 Room 328
Los Angeles, CA 90045

Phone: (770) 361-6240
Email: Roberto.Coto@vanderlande.com

Description of scope of work:

Maintenance service and repair of the baggage system at the terminal 1. This contract also included implementing preventive maintenance program according to manufacturer's requirements as detailed in FMC Jetway System Operation and Maintenance Manual since 2005. Responsibilities also included troubleshooting, repairs and modifications of thirteen (13) passenger boarding bridges, thirteen (13) 45 ton PCAirs and ten (10) ground power units (GPUs), as needed.

2) Los Angeles International Airport

Contact: Mr. Hugo Mendoza

LAX Terminal 3

Site Manager

PO BOX 445

Phone: (310) 621-7012

El Segundo CA 90245

Email: Hugo.Mendoza@JBTC.com

Description of scope of work:

Maintenance service and repair of the baggage system at the terminal 3. This contract also included implementing preventive maintenance program according to manufacturer's requirements as detailed in FMC Jetway System Operation and Maintenance Manual since 2005. Responsibilities also included troubleshooting, repairs and modifications of thirteen (13) passenger boarding bridges, thirteen (13) 45 ton PCAirs and ten (10) ground power units (GPUs), as needed.

3) Ontario International Airport

2900 East Airport Drive

Ontario, CA 91761

Contact: Mr. Tony Ceja

Regional Director

Phone: (909) 841-0956

E-mail: TONY.CEJA@JBTC.COM

Description of scope of work:

Implementing preventive maintenance program according to manufacturer's requirements as detailed in FMC Jetway System Operation and Maintenance Manual since 2005. Responsibilities also included maintenance, service and repair of the baggage system. It also included troubleshooting, repairs and modifications of twenty six (26) passenger boarding bridges, twenty six (26) 45 ton PCAirs, twenty six (26) ground power units (GPUs) and twenty six (26) potable water systems, as needed.

4) Meadows Field airport

3701 Wings Way, suite 300

Bakersfield, CA 93308

Contact: Mr. Christian B. Von Platen

Airport Maintenance Superintendent

Phone: (661) 747-4054

Fax: (661) 391-1801

E-mail: Vonplaten@co.kern.ca.us

Description of scope of work:

Implementing preventive maintenance program according to manufacturer's requirements as detailed in FMC Jetway System Operation and Maintenance Manual since 2005. Responsibilities also included troubleshooting, repairs and modifications of three (3) PLCs passenger boarding bridges, three (3) PLC 50 ton PCAirs, three (3) PLC ground power units (GPU) and the baggage systems. We also provided telephone assistance and support.

Section C: Work Proposal

RISELO ENGINEERING SOLUTIONS, INC. has assigned personnel with a minimum of five years of experience working in the airport industry for this project. All the technicians are very familiar with the Baggage systems. For this contract, we plan to implement the same maintenance program; we will also cover small repairs which can be addressed while the maintenance program is being implemented. In the event the Project Manager considers that a major repair needs to be done, the Superintendent will be notified in order to schedule future repairs.

We shall also propose to the Superintendent the usage of parts from alternative manufacturers which meet or exceed the same specifications and with the same warranty of the original equipment manufacturers. A dedicated/assigned place at the Palm Springs Airport will be requested to keep a stock of parts that, according to our experience, are the most common replaceable parts.

Project Schedule

The Preventive Maintenance program will be implemented by RISELO ENGINEERING SOLUTIONS, INC. We will be following the strict OEM specifications and instructions, using the same format, and forms from the manufacturer. As previously mentioned, all this work will be performed by experienced certified technician already familiarized with Baggage systems similar to the ones used at Palm Springs International Airport. This will ensure that all work is carried out by personnel with proper experience and that all work is completed in accordance to the Authorities. After the preventive maintenance is completed a detailed report with recommendations, necessary correctives, actions, and repairs will be presented to the Maintenance Superintendent.

RISELO ENGINEERING SOLUTIONS INC. maintains a comprehensive safety program to ensure that our employees will work in a safe environment; adhering and complying with all the Safety Regulations prescribed by the California Occupational Safety and Health Act (**CALOSHA**). It is

highly recommended, due to the moving parts, high voltage and current involved on these Baggage systems that no matter what company is awarded this contract, two (2) technicians must always be present at any one time, or a Tech with an Apprentice in case of emergency.

As the successful bidder, and upon receiving notice to proceed, RISELO ENGINEERING SOLUTIONS, INC. will coordinate with the Airport Authorities and the Maintenance Superintendent to implement the following implementation plan, and the project schedule for this year 2014. After the start of the operation; daily, weekly, bi-weekly, and monthly maintenance will begin per manufacture specs.

Action	Sept-October 2014	October 2015	October 2016			
Badging/background check/vehicle permit	Done					
Inventory Inspection/Buy stock of needed parts	X					
Star annual inspection		X	X			

Schedule for years 2016; the same format will be used. Please note that we have not included any specific dates when these inspections will be performed, as we would rather discuss with the Maintenance Superintendent for the most convenient dates and hours for the Palm Springs International Airport.

Preventive Maintenance and Initial Stage of the Program

RISELO ENGINEERING SOLUTIONS, INC. will implement a preventive maintenance program on the Baggage System at the Palm Springs International Airport according to the OEM (“Original Equipment Manufacturer”) specifications or similar. Although we understand the airport has no contractor taking care of the system, as a preventive measure as soon as we get the order to proceed we will start the preventive program by inspecting the complete system in order to find any deficiencies (If any), report to the authorities and take the necessary measures to repair or replace any defective or malfunctioning parts.

The hourly rate will be the same as the one stipulated accordingly to agreement No 6102 approved by the City Council on 6/11/2011. The rate will be Eighty-three dollars and thirty-four cents per hour (\$83.34/HR) per technician.

Overtime and Holiday will be One Hundred and twenty-five dollars per hour. (\$125.00/HR) per technician.

Task 1

Baggage System	annual cost
Baggage System 1	\$ 1,500.12
Baggage System 2	\$ 1,500.12
Baggage System 3	\$ 1,500.12
Baggage System 4	\$ 3,333.60
Baggage System 5	\$ 666.72
Baggage System 6	\$ 666.72
Baggage System 7	\$ 2,500.20
Baggage System 8	\$ 3,333.60
Baggage System 9	\$ 2,000.16
Parts (lubricants, oil, etc)	\$ 800.00
Grand total annual cost	\$ 17,801.36

This cost includes two (2) Technicians performing annually inspection for all the nine baggage systems including traveling time. No major repairs or parts are included in this proposal.

The hourly rate applied to these tasks will be the same rate applied to the current agreement 6102 as approved by the City Council on June 6th, 2011 for the passenger loading bridges

FOR ALL THE BAGGAGE SYSTEMS 1 THROUGH 9: The following will be performed annually:

1) Motors

***Check amperage and voltage consumption**

***Check winding insulation (Using Megger)**

***Check all wiring harness**

***Check overall state of motor**

2) Gearbox/Speed reducers

***Check proper oil levels**

- *Check seal for any leakage**
- *Lubricate**
- *Remove and replace oil as necessary**

2) Clutch

- *Check for proper gap space**
- *Check performance**
- *Check wiring harness**

3) Chain/Chain guide

- *Lubricate**
- *Check for right tension / Adjust if necessary**
- *Check Sprocket for wear and tear**
- *Check chain guide for wear and tear**
- *Check for metal shavings**
- *Check overall state**

4) Bearings / Housing

- *Inspect overall state**
- *Grease**
- *Check for metal shavings**

5) Rollers

- *Inspect overall state**
- *Grease and lubricate**
- *Align if necessary**
- *Check for metal shavings**

6) Belt / Belt lacing

- *Check overall condition of belt**
- *Check belt tension / adjustment will be made if necessary**
- *Check alignment to the belt**
- *Check for debris or foreign objects trapped in between belt and bearings/rollers**

7) Photoeyes

- *Check for proper response**
- *Check overall condition**
- *Check for sturdiness of position**
- *Clean lenses and reflectors for proper operation**

8) Firedoor

- *Check for proper function**
- *Check all parameters for open and close**
- *Lubricate**
- *Adjustments will be made to the door if necessary**

9) Emergency Stops

- *Check for functionality**
- *Check for light indicator**

***All Annual inspections will include cleaning of debris for all systems**

Task 2

Baggage system 1

Needs new chain guide

Need to replace plates to system

Total Material = \$1,850.00 Total Tax = \$166.50 Total Labor = \$1,500.12

GRAND TOTAL = \$3,516.62

Baggage system 2

Needs new chain guide

Need to replace plates to system

Need to replace gearbox for it is leaking

Total Material = \$3,250.00 Total Tax = \$292.50 Total Labor = \$1,833.48

GRAND TOTAL = \$5,376.98

Baggage system 3

Needs new chain guide

Need to replace plates to system

Total Material = \$1,850.00 Total Tax = \$166.50 Total Labor = \$1,500.12

GRAND TOTAL = \$3,516.62

Baggage system 4

Ticket counter section 2 it is recommended to install 2 more idle rollers

2 idle rollers

Sidewalls on system loose. It must be secured with T-Bars.

10 T-Bars

12 metal rods must be replaced with 12 idle rollers

12 idle rollers

Front end roller on ticket counter section 3 worn. Needs to be replaced	1 drive roller
J box cover missing on ticket counter section 3 motor	J box cover
Damaged sprocket needs replacement on curbside section 1-2 (obsolete)	Sprocket
Curbside section 3 belt worn. Needs replacement	30 feet of inclined belt (sticky)
Curbside section 2-3 sprocket already damaged. Needs replacement (obsolete)	Sprocket
Damaged cover for chain needs replacement on curbside section 2-3	Chain cover
Other costs	Lacing-Pins, etc.

Total Material = \$4,185.00 Total Tax = \$366.65 Total Labor = \$4,750.38

GRAND TOTAL = \$9,312.03

Baggage system 6

Belt must be replaced

Takeup roller must be replaced

Total Material = \$2,784 Total Tax = \$250.56 Total Labor = \$666.72

GRAND TOTAL = \$3,701.28

Baggage system 7

Ticket counter section 1 belt worn replacement recommended	65 feet of belt PVC 150
Ticket counter section 1 front end roller bad needs replacement	1 front end roller/bearing/housing
TSA section 2 belt needs to be replaced (42 inches wide)	60 feet of belt PVC 150 (42 inches wide)
TSA section 2 clutch going bad needs to be replaced	1 clutch
TSA section 2 rollers are worn. Replacement recommended	2 rollers (obsolete)
Other costs	Lacing-Pins, etc.

Total Material = \$4,805.00 Total Tax = \$432.45 Total Labor = \$2,833.56

GRAND TOTAL = \$8,071.81

Baggage system 8

Ticket Counter Rollers need grease fittings	10 Fittings
Belt needs to be replaced at ticket counter	47 Feet of belt PVC 150
Curbside Section 1 belt with damaged lacing	40 Feet of Inclined belt (sticky)
Curbside section 2 chain cover Missing	1 cover
Curbside Section 2 belt needs to be replaced	60 Feet of belt PVC 150
Curbside Section 3 needs new Drive rollers	2 Drive Rollers
TSA Section 2 Drive Roller going bad	1 Drive Roller 80 Inches wide
Sprocket to TSA section 3 going bad	1 sprocket
TSA section 3 front end roller and bearing needs replacement	1 roller/bearing/housing
2 Idle rollers on TSA section 4 need to be replaced	2 idle rollers
Other costs	Lacing-Pins, etc.

Total Material = \$5,940.00 Total Tax = \$534.60 Total Labor = \$6,500.57

GRAND TOTAL = \$12,975.12

Baggage system 9

Ticket Counter Section 1 needs to be leveled	N/A
Ticket Counter Section 1 belt needs to be replaced	126 feet of belt PVC 150
Ticket Counter with rod support. Needs new Idle Rollers	3 Idle Rollers
Ticket Counter tail and end roller going bad (Obsolete parts)	2 Rollers
Motor/Gear box leaking. Needs to remove drywall to have access	Gear Box
Other costs	Lacing-Pins, etc.

Total Material = \$5,022.00 Total Tax = \$451.98 Total Labor = \$4,833.72

GRAND TOTAL = \$10,307.70

Baggage system 5 must be replaced and all the information is under TASK 3

TASK 3

Due to the poor condition of system 5 we highly recommend replace the whole system

For the Demolition/Rebuilt System 5 Ticket Counter Replacement: The scope of work is as follow:

1) Equipment Demolition:

- A) Disconnect and disable equipment electrically safe for mechanical demolition to begin.
- B) Remove and replace existing 28 LF of 31" BF conveyor with new 39" BF conveyor through an existing right of way that will require enlargement. Should be powered by shaft mounted motor and reducer on discharge end of conveyor (demolition, permits and reconstruction of tunnel walls to be done by airport maintenance)
- C) Recycle or discard of old conveyor section appropriately according to local laws and the airport rules
- D) Remove and replace existing conveyor MCP with new MCP
- E) Remove and discard old conduit containing existing conveyor wiring
- F) Remove and discard former MCP appropriately according to local law and airport rules
- G) All materials, rentals and consumables are the responsibility of the airport or any subcontractor hired by the airport to perform the demolition work

2) New Equipment Receivable

- A) Palm Springs International Airport will be responsible to unload equipment from transport truck to designated storage in the airport premises where the airport allows. This area may be temporary. Riselo Engineering Solutions will be responsible to move equipment if necessary.

3) Equipment Installation

- A) Install incline conveyor to match up with 33" BF conveyor
- B) Raise existing 33" BF conveyor to 30" TOB (adjustable legs to be provided by Riselo Engineering)
- C) Install new control station stanchion and 4 push button control station
- D) Reinstall existing side guard on 33" BF conveyor

E) Provide a static diverter to move bags from 39" BF to 33" BF conveyor

4) Electrical Installation

- A) Remove and replace existing control panel with new panel to control three motors, 1) New 39" belt conveyor, 2) Existing OVH Security Door, 3) existing 33" W. Conveyor
- B) Install On/Off functionality provided to control of existing security door with on/off key switch at induction point of conveyor
- C) Provide electrical connection for two new drives, existing drive and existing security door
- D) Perform functional testing for proper control station, PE and key switch

Notes:

Necessary permits for demolition and construction of building walls and ceilings will be processed by the airport, or the subcontractor hired by the airport to perform this part of the work

Airport responsible for verification and running electrical supply to MCP junction box (if necessary)

Airport to provide location of power feed to new MCP (if necessary). Building Modifications to be performed by the Airport or others and therefore **EXCLUDED** from quote.

Description	Price for parts	Taxes	Work hours	Labor Cost	Total
New bed/belt system	\$ 18,150.00	\$ 1,633.50	\$ 88.00	\$ 7,333.92	\$ 27,117.42
Controllers/MCP/Control Station	\$ 11,000.00	\$ 990.00	\$ 35.00	\$ 2,916.90	\$ 14,906.90
Removal/disposal of equipment	\$ -	\$ -	\$ 44.00	\$ 3,666.96	\$ 3,666.96
Electrical work	\$ 500.00	\$ 45.00	\$ 44.00	\$ 3,666.96	\$ 4,211.96
Total					\$ 49,903.24