



Stantec Consulting Services Inc.
3133 West Frye Road, Suite 300, Chandler, Arizona 85226

February 27, 2020
File: 204282000

Attention: Anne Coppola
Contract Administrator
Cochise County Procurement Department
1415 Melody Lane, Building C
Bisbee, AZ 85603

Dear Ms. Coppola,

Reference: Master Plan Utility Engineering – Douglas, Arizona Port of Entry - Scope of Services

Stantec Consulting Services Inc. (Stantec) is pleased to submit this scope of services and fee to prepare a master plan for utility for the Douglas Port of Entry. It is our understanding this work will be completed under a Professional Services Agreement. The following scope of services summarizes our understanding of the requirements for this project. Stantec will perform work as necessary to prepare the master plan for utility. This scope of services is based on the scope of work provided under 20-24-BOS-03 and the meeting held on February 5, 2020 at Cochise County's offices in Bisbee, Arizona. The goals stated by scope of work and during that meeting are summarized as follows:

- Understand the current City of Douglas water and wastewater infrastructure, its capability and capacity limitations
- Provide cost/benefit scenarios to support system upgrades for expansion to the current US Border Patrol station and proposed commercial Port of Entry site
- Provide cost/benefit analysis to expand the infrastructure to Cochise College
- Provide cost/benefit analysis to expand the infrastructure to Bisbee Douglas International Airport
- Provide life cycle and expanded infrastructure analysis for the current population
- Provide life cycle and expanded infrastructure analysis for population growth ranges to ensure system reliability and long-term investment
- Provide commercial and residential zoning growth capabilities for outward expansion
- Provide funding opportunity analysis and economic impact analysis for the projects
- Explain how modernizing and expanding the system reduces inefficiencies, promotes water conservation, and generates savings
- Provide funding options for infrastructure projects

See attached Exhibit A for the Professional Services Agreement for Scope of Work and Exhibit B for the Fee Proposal.

Please review and call if you have any questions or concerns.

Regards,

Stantec Consulting Services Inc.

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EXHIBIT A
Professional Services Agreement Scope of Work
COCHISE COUNTY
MASTER PLAN UTILITY ENGINEERING – DOUGLAS, ARIZONA PORT OF ENTRY
PROJECT NO. 20-24-BOS-03
SCOPE OF WORK

1. DESIGN STANDARDS

The following standards will be applicable to this project:

- Arizona Administrative Code, Title 18, Chapter 9
- Cochise County Subdivision Regulations, 2019 Edition
- Cochise County Road Design and Construction Standards and Specifications for Public Improvements
- Cochise County Comprehensive Plan, 2015
- Federal GSA Standards as applicable for the Port of Entry

2. PROJECT ADMINISTRATION

The following information is a general description of the engineering services required for this project. The services listed may include, but are not limited to, the following:

100 Series Tasks: General Project Administration

Task 101: Project Meetings

Engineer will conduct project meetings to discuss the progress, direction and technical aspects of the project. Project documentation will consist of preparing and distributing meeting agendas and minutes, and monthly reports. Meeting minutes will summarize key discussions, comments, decisions, and any action items required. The monthly project reports will summarize the monthly work progress, project issues, and project schedule status.

Meetings included in this scope of work include two milestone meetings with Cochise County, as well as, monthly Skype Meetings to update progress and coordinate.

Assumptions

- Skype or conference calls will be utilized for most meetings to communicate effectively and minimize travel costs.
- Two in-person milestone meetings are assumed
- Public meetings are not included in the scope of this project but may be added under General Allowances based of scoping meeting.

Deliverables

- Meeting Agendas
- Meeting Minutes
- Graphics, figures, plans, notes and details necessary for meeting discussion



Task 102: Project Coordination

The project manager will coordinate with engineering team and Cochise County staff to ensure the County's goals are being met and share progress and findings.

Assumptions

- This process will require approximately eight months of coordination
- Cochise County representatives will be responsive and provide feedback

Deliverables

- None

Task 103: Project Schedule

The project engineer shall develop and maintain a comprehensive project schedule reflecting investigation of existing facilities, engineering analysis, potential routes, and costs. The engineer will include anticipated meetings in the project schedule. The schedule shall be developed in a work breakdown structure format identifying key project tasks and deliverable milestones. The schedule shall be prepared utilizing Microsoft Project and shall be updated and provided to the County monthly to be reviewed at progress meetings.

Assumptions

- Cochise County will review and approve project schedule

Deliverables

- Initial Project schedule (Microsoft Project and Adobe PDF formats)
- Monthly updates to Project schedule (Microsoft Project and Adobe PDF formats)

Task 104: Quality Assurance / Quality Control

The engineer will be responsible for providing Quality Assurance/Quality Control (QA/QC) of all engineering designs, analyses and deliverables prepared for the project. Engineer shall utilize our established format that has been used on other projects. Information regarding procedure and copies of documentation is available to the Cochise County upon request. As part of the QA/QC plan Stantec will:

- Confirm appropriate standard operating procedures and standards of care are used
- Check analyses, calculations, underlying data, methodologies, and models
- Coordinate multi-disciplinary and subconsultant reviews
- Sign, stamp, or seal final deliverables

Quality checks and reviews will be documented to the project file as a required part of the project's QA/QC plan. The QA of subcontractor produced documentation involves ensuring that the work produced by the subcontractor meets the industry standard for care, as well as, the satisfies the project scope of work and is coordinated with Stantec's work.

200 Series Tasks: Investigation

Task 201: Acquire and Analyze Existing Capability and Capacity Limitations

Engineer will request, obtain, and review available relevant background information from the project provided by Cochise County and the City of Douglas, including, but not limited to:

- Cochise County provided LIDAR topography of Douglas, AZ



- Cochise County Water and Sewer GIS information for Douglas, AZ
- Well data within Douglas including water quality when available
- Douglas Waste/Water Treatment Facility - as-builts and design reports
- Cochise College existing ponds – maintenance costs, history, as-builts
- US Border Patrol well data, water as-builts, sewer as-builts, water quality data, effluent data, water and wastewater permits, etc.
- Bisbee Douglas International Airport well data, water as-builts, sewer as-builts, water quality data, effluent data, water and wastewater permits, etc.
- Data gaps that may exist will be identified and options for filling those gaps will be provided.

Assumptions

- Stantec shall be entitled to reasonably rely upon the information and data provided or obtained from generally acceptable sources within the industry without independent verification except to the extent such verification is expressly included herein.

Deliverables

- Relevant finding will be included in the engineering report.
- Data gaps will be noted and included in the engineering report.

Task 202: Determine Facilities to be Constructed

Engineer will collect and analyze the existing City of Douglas water and wastewater infrastructure systems to determine the potential for expansion. In addition, Engineer will determine the water demand and sewage flow from the current City of Douglas utility systems, the US Border Patrol Facility, Cochise College, and Bisbee Douglas International Airport (BDIA).

Assumptions

- The existing design reports and data provided is accurate and current

Deliverables

- Progress Updates
- Engineering Report

Task 203: Define Flows and Demand of New Facilities

Engineer will define the anticipated water demands and sewage flows for the new Port of Entry facility. This will have to consider the new full-time employees, commercial support businesses, additional population and residences to support the new facility, and the crossing traffic.

Assumptions

- In the absence of detailed design data, Engineer will use data from other ports of entry in the area to estimate demands and flows.

Deliverables

- Progress Updates
- Engineering Report

Task 204: Determine Potential Other Flows

Installing new water and sewer utilities could allow existing development to connect to the new utilities. In addition, new water and sewer utilities could encourage development along these alignments that might



then require connection. In coordination with Cochise County and City of Douglas staff, Engineer will evaluate existing and potential future development along the new corridors to identify potential additional flows along the proposed utility alignments.

Assumptions

- Coordination with the Cochise County and City of Douglas to understand the existing and planned utility needs of the community along the alignments will drive this task.

Deliverables

- Progress Updates
- Engineering Report

Task 205: Determine Ultimate Flows & Demands

Based on Cochise County's growth projections and flow data estimated in Sections 202, 203, and 204, Engineer will calculate current and projected water and wastewater demand and proposed full buildout conditions. This data will be used to determine required proposed water distribution, sewage collection, and treatment system infrastructure sizing.

Assumptions

- Accuracy of economic analysis for growth is based off data inputs and assumptions that can change over time and with circumstances.

Deliverables

- Progress Updates
- Engineering Report

Task 206: Provide Potential Routing Options for Utility Services to US Border Patrol, Port of Entry, Cochise College, and Bisbee-Douglas International Airport

Engineer will analyze and identify up to three utility alignment options and identify constraints such as land ownership, crossing conflicts, grade, etc. that affect cost, schedule, and constructability to serve the new Port of Entry, Cochise College, the Border Patrol Facility and BDIA.

Assumptions

- Stantec will provide alignment options and ownership data to Cochise County staff for coordination and assessment.

Deliverables

- Progress Updates
- Engineering Report

Task 207: Review Potential Site for On-site Facilities

The proposed Port of Entry site will be analyzed to identify on-site utility facility options based on water quality, grade, and cost/maintenance of potential stand-alone water and sewer systems.

Assumptions

- Cochise County is open to considering onsite solutions as an upfront infrastructure costs savings option

Deliverables

- Progress Updates



- Engineering Report

300 Series Tasks: Engineering Analysis and Report Preparation

Task 301: Assess Water and Sewer Options

Engineer will evaluate sewer and water service options for each proposed location. Options will include connecting the existing facilities to the existing or expanded City of Douglas facilities, on-site systems, or a combination of these options. Adding or connecting wells to a central water supply system will be considered. Adding lift stations to connect facilities to the existing wastewater treatment system will be compared to gravity options and to on-site treatment options.

Task 302: Determine Capacity/Constraints of Utility Systems

Engineer will provide high-level analysis of the existing water and sewer infrastructure within the City of Douglas to determine to capacity and constraints of the existing utility system based on data provided by the City.

Task 303: Determine Required Upgrades to Douglas Utility Systems (if applicable)

Engineer will analyze Douglas's current utility systems capacity to determine if upgrades are needed to accommodate the new Port of Entry and additional services. Engineer will provide options to provide required capacity increases based on water demands and sewer flows calculated in Task 200 Investigation.

Task 304: Determine Land Needs at Port of Entry for on-site Components of Utilities

Engineer will assess proposed Port of Entry on-site options for water supply and wastewater treatment. This assessment will consider short term cost benefits versus long term benefits of connecting to the City of Douglas or centralized treatment facilities.

Task 305: Preliminary Hydraulic Analysis to size Pipe, Pump Stations, and Storage

The Engineer will complete hydraulic analysis based on flow data. The analysis will consider the various options for connection and lift station locations. The analysis will also review the potential impacts from diurnal flows and storm flows if data is available, as well as any future developments that will affect flows. If data is not available, Engineer will note issues of concern and provide recommendations.

Assumptions

- Existing flow data is adequate to assess average and peak conditions. If data is not adequate, monitoring may have to be implemented and added to the scope.

Deliverables

- The results of the hydraulic analyses will be basis for the lift station and pipe sizing options presented in the Engineering Report. The data will be included with the report as an Appendix.

Task 306: Preliminary Cost Estimates for Options

The Engineer will complete preliminary cost estimates and life cycle analysis for up to three options to provide needed utilities to the US Border Patrol, Port of Entry, Cochise College, and BDIA for cost/benefit analysis.

Assumptions

- Preliminary costs will be determined through recent project bid costs. Changes in prices may vary due to labor shortages and material costs over time

Deliverables



- Multiple cost estimates for various scenarios to provide utility services

Task 307: Engineering Report

The Engineer will prepare an Engineering Report which will summarize the results of the investigation and analyses. This report will include the following:

- Summary of the results of the evaluations
- Exhibit(s) showing the proposed options
- Brief discussion of design flows, including any future growth to be accommodated
- Preliminary discussion of requirements for lift stations
- Preliminary discussion of requirements for alignment constraints
- Discussion of pipe material options and construction methodology
- Discussion of permitting requirements for the project
- Recommendation for routing, material, lift station, bridge crossing and construction methodology
- Preliminary Engineer's Opinion of Probable Costs
- Cost Benefit Analysis
- Commercial and Residential Zoning Growth Capacity Analysis
- Life Cycle and Expanded Infrastructure Analyses
- Funding Research
- Sustainable Water Practices and Savings Opportunities

Cochise County will review the Engineering Report, and this will become the basis for the preliminary plans. Any comments from Cochise County will be incorporated into the final report.

Assumptions

- The report will summarize and document the evaluation completed and discussed at the regular meetings.
- The initial assessment and hydraulic analysis will be included as an appendix to the Engineering Report.
- No major changes are required between the draft and final report.
- The options and technical issues will be discussed at the regular meetings, so review of the draft report can be completed in 2 weeks

Deliverables

- Draft Engineering Report
- Final Engineering Report and Summary that are professionally printed and graphically designed in both paper and electronic format
- Individual PDF files of exhibits from the report for use in public meetings



400 Series Tasks: Community Development & Financial Analysis

Task 401: Land Planning – Acquisition Needs and Zoning Options

Engineer will identify potential locations for the lift station and research the land ownership for the potential properties. This assessment will be completed at a high level. Options will be discussed with Cochise County and the City of Douglas to determine which might be the most feasible.

Assumptions

- Land title documents will not be obtained
- Engineer will not negotiate with property owners
- Legal descriptions will not be prepared

Task 402: Cost Benefit Analysis

This task will be completed in conjunction with engineering studies to evaluate project alternatives. Cost-benefit analyses will provide the County with a structured framework to compare alternative projects, incorporating both capital and operations and maintenance (O&M) costs associated with each alternative, in addition to the potential benefits to the County and stakeholders under each scenario. This analysis will be focused on the direct costs of constructing, operating, and maintaining proposed infrastructure under each scenario, excluding additional costs to the County associated with changes to traffic flow, modifications to infrastructure excluded from this study, and other potential cost impacts not included in the water and wastewater planning efforts. Benefits will include increases to the water and wastewater customer base, ability to leverage outside funding sources, and advantages of completing needed water and wastewater expansion projects in coordination with the port relocation project. Additionally, to the extent further benefits can be quantified through additional study tasks, benefits may also include economic benefits to the County of commercial opportunities at the new port, and real estate impacts to the County

Assumptions

- Stantec will investigate growth patterns at similar border crossings for data and use standard assumptions and practices for these calculations.

Deliverables

- Summary Engineering Report
- Cost-benefit evaluation tool

Task 403: Commercial and Residential Zoning Growth Capacity Analysis

Engineer shall analyze commercial and residential growth capacity for the area and the pros/cons of moving the commercial Port of Entry from its current location.

Assumptions

- Stantec will investigate growth patterns at similar border crossings for data and use standard assumptions and practices for these calculations.

Deliverables

- Growth Capacity Analysis

Task 404: Life Cycle Analysis (current population and growth ranges)

Engineer shall conduct life cycle analysis for various population growth ranges with expanded infrastructure.

Assumptions

- Stantec will use standard methods for deriving analysis

Deliverables

- Growth Capacity Analysis

Task 405: Funding Opportunity Research

This task will focus on developing a comprehensive understanding of the potential funding resources available for planning, development and construction of the proposed infrastructure projects. Leveraging previous efforts in this area, and expanding this research based on the unique characteristics of this project, we will develop a structured summary of the potential options. This summary will provide important insights into key considerations when evaluating alternative funding options. Such considerations include, but are not limited to, the following criteria or program elements:

- Funding magnitude and duration
- Funding reliability
- Timing and application processes
- Viability of receiving funds
- Administrative burden
- Obstacles, risks and associated costs

Once potential funding sources have been identified and researched, findings will be summarized in a summary matrix. This matrix will be used to narrow the list to those options deemed most viable and favorable to the needs of the County and stakeholders. This will ultimately provide stakeholders with the information necessary to move forward in pursuit of prioritized funding sources in an informed and strategic manner.

Deliverables

- Summary Engineering Report
- Funding options summary matrix
- Prioritized list of viable funding options

Task 406: Sustainable Water Practices Analysis and Summary

Engineer shall provide a summary of the sustainable water practices to be incorporated in the design of the proposed infrastructure to ensure adequate water supply and minimize losses. Engineer will justify reduction of inefficiencies and summarize maintenance cost savings.

Assumptions

- High level practices will be established during this phase of the project. Detailed design will incorporate and quantify sustainable practices.

Deliverables

- Engineering Report
- PowerPoint slide summaries for use in future public meetings

Task Series 500: Reimbursable Expenses Allowance

Cochise County shall reimburse Engineer for direct costs identified in this scope of work. Reimbursable expenses will be paid by Engineer and reimbursed at-cost by the County. The following tasks are anticipated to require reimbursable expenses:

Task 501: Printing, Plotting and Graphics Reproduction

Cochise County shall reimburse Engineer for direct costs associated with printing, plotting and graphics reproduction. Printing, plotting and graphics costs shall include production of submittals and internal printing costs.

Task 502: Travel

Cochise County shall reimburse Engineer for direct costs associated with travel, including mileage, parking and meals, should a meeting time require the staff to be away from the office through lunch.

Task Series 600: Owner Contingency

Cochise County shall reimburse Engineer for additional approved work from their contingency fund.

Task 601: Owner Contingency

The use of Owner Contingency shall only be used for additional scope and cannot be used without prior approval of Cochise County.

3. OPTIONAL ADDITIONAL FUNDING TASKS

The following funding related tasks are not included in the RFQ or proposal but are valuable funding analysis tools identified by Stantec's Funding Group that may be added by Cochise County or contracted separately.

Task 701: Regional Economic Considerations

Understanding the regional economic implications of such a project is a large and complicated question requiring consideration of political priorities, development alternatives, uncertainty and tradeoffs. A robust study of the potential economic impacts of a new Port of Entry could warrant its own study and scope. With that in mind, this task is focused on identifying the key economic considerations for the region in planning for the new port location. This evaluation will set the stage for further analysis by identifying the drivers of economic impacts, key data needs and topics for further study, and outlining the potential economic impacts worth additional investigation. A clear understanding of the economic considerations associated with completing such a large project will allow the County to more clearly communicate with stakeholders on the potential impacts and facilitate productive conversations to advance the project in a manner that is mindful of stakeholder priorities.

Deliverables:
Summary Engineering Report
Fee Proposal - \$5,000

Task 702: County, College and Airport Financial Analysis

A critical consideration in any large infrastructure project benefiting multiple entities is the financial capacity of each shareholder to contribute toward the necessary capital investments. In this case, these shareholders include the County, Cochise College, and the Bisbee Douglas International Airport. This financial analysis will focus on the funding capacity of each shareholder with a high-level review of each entity's financial reports to develop a clear picture of each party's current financial standing. Using publicly available information, including comprehensive annual financial reports (CAFRs) and budgets, a financial analysis will be conducted to calculate key performance indicators (KPIs) to provide insight into the fund balances, cash flow dynamics, and borrowing capacity of each entity. Additionally, this information can be used to develop very high-level cash flow forecasts for each entity to understand near-term future funding capacity from each. It should be noted that this analysis will not include detailed plans for each stakeholder but will rely on the previously stated CAFRs and budgets to develop forecasts of a continuation of the status quo. Even with this limitation, financial analysis will provide a general understanding of the current and forecasted financial capacity of each entity to contribute their respective share of capital to the necessary infrastructure investments.

Deliverables:
Summary Engineering Report
Fee Proposal - \$30,000

In addition to a financial analysis of each stakeholder, a high-level cost allocation analysis would be conducted to develop potential cost allocation methodologies for the proposed water and wastewater infrastructure projects. This cost allocation analysis would consider potential approaches to equitably allocate capital and operating costs to each stakeholder to ensure each entity contributes their proportional share of funding toward the overall project costs. To the extent data is available, preliminary estimates of these allocations can be calculated to provide a general understanding of the potential proportional shares allocated to each stakeholder under alternative allocation approaches.



Deliverables:

Summary Engineering Report

Fee Proposal - \$5,000**Task 703: Real Estate Implications and Opportunities**

Our team will conduct a high-level review of the current commercial and industrial market in Douglas, Arizona, including recent development activity, vacancies and asset profiles. This information, along with select outreach to market participants (brokers, developers, etc), will be used to inform a review of the redevelopment potential of any vacated or excess property resulting from the project. We will also use this analysis to forecast development potential for commercial/industrial activity in the area adjacent to or near the new Port of Entry facility.

Additionally, our team will review any water or wastewater related impact fees that developers pay to the city of Douglas or water rights they must purchase to serve their projects that could change as a result of municipal water being extended to Cochise College and the Cochise County Airport.

Deliverables:

Summary Engineering Report

Fee Proposal - \$5,000

**Exhibit B - Fee Proposal
Cochise County Douglas Commercial Border Crossing
Infrastructure Study
Fee Proposal
2/24/2020**



TASK NO.	TASK DESCRIPTION	Position Title	Principal	Project Manager	Sr. Project Engineer	Water Project Engineer	Sewer Project Engineer	Community Planner	Junior Engineer/Designer	CAD	Grant Specialist	Grant Specialist Assistant	Admin	Printing/Reproduction	Travel	General Allowance	Total Hours	TOTAL COST
100	General Project Administration		\$219.00	\$209.00	\$209.00	\$185.00	\$185.00	\$193.00	\$165.00	\$165.00	\$168.00	\$107.00	\$149.00					
101	Meetings, assume 2 meetings			16	16	16	16	10									74	\$14,538.00
102	Project Coordination, assume 8 months	8		48	4												60	\$12,620.00
103	Project Schedule			3	1												4	\$836.00
104	Quality Assurance / Quality Control			1	8												9	\$1,881.00
Subtotal			8	68	29	16	16	10	0	0			0				73	
	Subtotal Cost		\$1,752.00	\$14,212.00	\$6,061.00	\$2,960.00	\$2,960.00	\$1,930.00	\$0.00	\$0.00			\$0.00					\$29,875.00
200	Investigation																	
201	Acquire and analyze Douglas water and wastewater infrastructure drawings and reports to determine current capability and capacity limitations			4	4	16	16		16				8				64	\$11,424.00
202	Determine facilities to be constructed	2		2	4			8									16	\$3,236.00
203	Define flows and demands for new facilities			2	2	16	16		16								52	\$9,396.00
204	Determine potential other flows to be considered			2	4	8	8	8	8								38	\$7,078.00
205	Determine potential ultimate flows and demands			2	4	8	8		16								38	\$6,854.00
	Identify potential routing for pipelines between Douglas and new part of entry, Cochise College, and Bisbee Douglas International Airport			4	2	8	8	16	16								54	\$9,942.00
207	Review potential site for on-site part of entry facilities			4	2	8	8	8	16								46	\$8,398.00
Subtotal			2	20	22	64	64	40	88	0			8				138	
	Subtotal Cost		\$438.00	\$4,180.00	\$4,598.00	\$11,840.00	\$11,840.00	\$7,720.00	\$14,520.00	\$0.00			\$1,192.00					\$56,328.00
300	Engineering Analysis and Report Preparation																	
301	Assess water and sewer options	2		4	16	16	16		16								70	\$13,178.00
	Determine capacity / constraints of existing Douglas systems to serve US Border Patrol, part of entry, Cochise College, and Bisbee Douglas International Airport			2	4	16	16		16									\$9,814.00
303	Determine required upgrades to Douglas system(s) if applicable			2	16	8	8		16									\$9,362.00
304	Determine land needs of border crossing for on-site components or on-site systems			2	8	8	8	4	16									\$8,462.00
305	Complete preliminary hydraulic analysis to size pipe, pump stations and storage			2	8	8	8		24								50	\$9,010.00
	Prepare preliminary cost estimates for options including utility expansion to the US Border Patrol Station, the proposed commercial part of entry, Cochise College, and Bisbee Douglas International Airport			4	8	16	16		24									\$12,388.00
307	Prepare Technical Memorandum with summary of results and recommendation for design and construction	2		8	24	24	24	16	60	40			4				202	\$36,190.00
Subtotal			4	24	84	96	96	20	172	40			4				202	
	Subtotal Cost		\$876.00	\$5,016.00	\$17,556.00	\$17,760.00	\$17,760.00	\$3,860.00	\$28,380.00	\$6,600.00			\$596.00					\$98,404.00
400	Community Development & Financial Analysis																	
401	Land Planning - Acquisition needs and zoning options for multiple alignments	18						40									58	\$11,662.00
	Cost Benefit Analysis of system upgrades to US Border Patrol Station, new part of entry, Cochise College, and Bisbee Douglas International Airport			18							24	16					58	\$9,686.00
403	Commercial and Residential Zoning Growth Capacity Analysis	20						20									40	\$8,240.00
404	Provide life cycle and expanded infrastructure analysis for current population and growth ranges for system reliability	20							39								59	\$10,815.00
404	Funding Opportunity Research	8									48	48					104	\$14,952.00
405	Sustainable Water Practices & Savings Opportunities	20						20									40	\$8,240.00
Subtotal			104	0	0	0	0	80	39	0	72	64	0				40	
	Subtotal Cost		\$22,776.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15,440.00	\$6,435.00	\$0.00	\$12,096.00	\$6,848.00	\$0.00					\$63,595.00
500	Expenses Allowance																	
501	Printing/Reproduction													\$300.00				\$300.00
502	Travel, assume 6 trips													\$300.00	\$1,500.00			\$1,800.00
	Subtotal Cost													\$300.00	\$1,500.00			\$1,800.00
600	Owners Contingency																	
	Subtotal Cost															\$10,000.00		\$10,000.00
Project Total																		
	Total Hours		118	112	135	176	176	150	299	40	72	64	12	0	0	0	453	
	Total Cost		\$25,842.00	\$23,408.00	\$28,215.00	\$32,560.00	\$32,560.00	\$28,950.00	\$49,335.00	\$6,600.00	\$12,096.00	\$6,848.00	\$1,788.00	\$300.00	\$1,500.00	\$10,000.00		\$260,002.00