

City of Hamilton
Committee of the Whole
May 12, 2020
7:00 pm

Due to public health concerns and government directives, the May 12 Committee of the Whole meeting will be conducted remotely through the online/phone conferencing platform Zoom. Any member of the public who wishes to observe or participate is able to attend and make comments on the Internet or by phone.

To join the meeting on the Internet, copy and paste the following link in your web browser <https://zoom.us/j/211748516> and follow the on-screen prompts; the meeting ID is 211 748 516.

To join the meeting via phone, dial any one of the phone numbers listed below and enter the meeting ID 211 748 516.

Call-in #'s:

(346) 248 7799	(253) 215 8782	(669) 900 6833
(301) 715 8592	(312) 626 6799	(929) 205 6099

Detailed instructions on joining and participating in this and future City Council meetings via Zoom is available on the City of Hamilton's website - www.cityofhamilton.net

Agendas and documents related to agenda items are available on the City's website www.cityofhamilton.net. Click on "Agenda & Minutes>Committee of the Whole>Agenda/Minutes 2020." We encourage citizens who are able to submit their comments prior to the Committee of the Whole meeting via email to deputyclerk@cityofhamilton.net. Comments will be distributed to the Mayor and City Councilors.

City of Hamilton
Committee of the Whole
May 12, 2020
7:00 pm

Agenda

Public Comment

Approval of Minutes from March 10, 2020

Agenda Items

- Amendment to WGM East Ravalli Contract for construction services
- Amendment to HDR contract for Water System SCADA improvements

Non-Agenda Items

Topics for Consideration for a Future Meeting

Adjourn

**CITY OF HAMILTON
COMMITTEE MINUTES**

DATE: March 10, 2020

NAME OF COMMITTEE: Committee of the Whole

MEMBERS PRESENT: Council President Claire Kemp,
Councilors Bielski, Pogachar, Mitchell,
Pruitt and West

MEMBERS ABSENT: None.

NOTE TAKER: Cynthia Fleming, Deputy Clerk

STAFF MEMBERS PRESENT: Matthew Rohrbach, City Planner and Dominic
Farrenkopf, Mayor

Council President Kemp opened the meeting at 7 pm. She asked everyone to please turn off their cell phones and advised the audience that the Committee can receive public comment for items not on the agenda during the Public Comment period.

Public Comment:
None.

Approval of Minutes from 02.25.2020

Councilor Pogachar moved to approve the minutes. Councilor Bielski seconded. The minutes were approved unanimously.

Agenda Items

• **Discussion of Skalkaho Bend Transfer Documents**

Matthew Rohrbach, City Planner, provided the Committee members with several documents as the City of Hamilton and Bitter Root Land Trust (BRLT) move towards a final agreement for the City to acquire Skalkaho Bend Park. Earlier this year the park land was annexed into the City. An important step toward allowing BRLT to donate the property to the City. We are now in the last part of the process. The transfer involves the signing and approval of the Acquisition and Transfer Agreement and the Skalkaho Bend Park Management Agreement which will allow for the final transfer and official Warranty Deed. Mr. Rohrbach said the Acquisition and Transfer agreement stipulates what can and cannot be done in conjunction with the Skalkaho Bend Park Management Plan. The management plan addresses where and what type of infrastructure is allowed, types and points of public access, timber and weed management, as well as, wildlife, wetlands, dogs, fences and signs. Mr. Rohrbach told them that BRLT has to have a final approval from the Ravalli County Commissioners and then it will be brought back to the Council for final approval.

Councilor Pogachar said that he has a concern about dogs and how owners are letting them off leash, allowing them to run, chase wildlife and leave dog feces. He said that the same thing happens in Hieronymus Park and this can ruin the experience for other park users. Councilor Pogachar received a letter from a constituent. The letter writer feels that dogs allowed off leash are causing noticeable ecological damage to Skalkaho Bend Park and dog owners want the general public to pay. The deer no longer feel comfortable. It is disastrous for ground nesting birds. Skalkaho Bend is a garbage dump for poop.

Mr. Rohrbach responded to the letter saying that the Park is not yet owned by the City. Once it is the City will have jurisdiction. He feels that this park will get more use than Hieronymus and we will need to work on a city wide campaign to telling dog owners to leash and have control of their dogs. Right now we don't have any enforcement.

Councilor West is concerned that with the addition of the park it will take more time and energy to manage the parks. She suggested that this may be an appropriate time to look into a Parks' Director. The City Planner responded that we need to look to the future. How do we maintain facilities as we are add to the City? Does the City need fulltime park staff and seasonals?

Public Comment: Melissa Hughes, 719 Nova Lane: Ms. Hughes would like have public comment on the management plan and added that our assumption as neighbors of the park is that we can be involved in the plan. She feels that there needs to be consistency in how the City's park are managed.

Councilor West moved to send the transfer documents to Council. Councilor Mitchell seconded. All members were in favor.

RECOMMENDATION

Send Skalkaho Bend transfer documents to Council for approval.

- **Presentation - Building Better Places Training**

Matthew Rohrbach explained that to be able to attend the training, communities had to apply and cities were selected. The training took place in Grand Junction, Colorado, The training specifically addressed change in community due to growth and how to manage change and shape your city for the better. He said there were teams from Bozeman, Billings, Greeley and Idaho Falls.

Mr. Rohrbach stated that the training was really great. One big takeaway, he said, was to take a step back and look at what our community really values and ways to reach out to community members who don't normally participate. The training focused on strategies to broaden public outreach, how to follow through on plans that we already have in place, ways to create interesting community connections with pop up public spaces and artistically painted crosswalks, ways to improve communication and public engagement, to champion community leaders, to gather and listen to different perspectives, to utilize social media as a way to create community buy in and ultimately to take action and move your projects forward.

The Hamilton Team consisted of Public Works Director, Donny Ramer, City Councilors Kemp and West, city resident Naomi Gary, Ravalli County Economic Development Authority

Executive Director, Julie Foster and the City's Planning Board chair and engineer, Dan Harmon. All the members expressed that they were impressed with the professional and inspiring training. Each one of the team members spoke briefly about some of their takeaways from the training. Stagnation, doing nothing doesn't mean staying the same it means falling behind. We need to honor core values. What do we value and how do we keep our heritage alive. Where we want to grow matters. We would like to grow smart and to grow in a way that is important to Hamilton. We need to be creative. Connectivity is very important. How do we make the best use of our spaces?

RECOMMENDATION:

Informational only.

- **Amendment to the WGM Engineering Contract for Bidding and Construction Administration for Fairgrounds Road**

Public Works Director, Donny Ramer introduced the item telling the members that the change to the contract is the physical address of the work. Mr. Ramer asked the Committee to accept the amended contract.

Councilor Bielski move to send the contract to Council with the correction. Councilor Pogachar seconded. The motion passed unanimously.

RECOMMENDATION:

Send the amended WGM Engineering Contract to Council for approval.

Non-Agenda Items:

Mayor Farrenkopf asked the members to sign the Beautification Recognition letter.

Councilor West suggested that the members should review the River Park master plan and consider it for consistency in regards to the new park, Skalkaho Bend, and other City owned river parks. She also reported that she has heard from concerned parents regarding spraying weed killer near playground equipment.

Councilor Bielski wondered if the City is sharing information about the corona virus. She suggested coordination with the Ravalli County Health Department. She pointed out that we have a lot of seniors who live in Hamilton. Mayor Farrenkopf commented that we are taking extra cleaning precautions that include the custodian wiping more surface with disinfectant. He suggested that we could put up signs to encourage hand washing and we can reach out to public health.

Kent Barbain, 116 Cottonwood Court: Mr. Barbain suggested reaching out to Ken Pecos at Rocky Mountain Laboratories. He has heard a lot of concern from neighbors and agreed with Councilor Bielski that there are a lot of seniors in our community.

Councilor West asked what plans were in place for National Arbor Day. Mayor Farrenkopf replied that plans include planting a tree at the Justice Center, as well as a shrub for Judge Sanders. We have some activities planned with Evergreens Kids Corner and will send out a PSA inviting schools.

Councilor West also suggested a “Love Your Parks Day” which might consist of asking for volunteers to do some cleanup in the parks.

Councilor Bielski remembers that there were issues last year with the annual junk day and asked if anything had been decided to deal with the issues. Mayor Farrenkopf stated that they talked about requiring residents to bring their water bill to prove residency in the City. Modern Recycling has suggested that the workers use a hoop. If the item won't fit through the hoop it doesn't go.

Councilor Pogachar would like to see a couple more trees between the skatepark and the band shell at Claudia Driscoll Park. He also suggested that we may want to consider having a public hearing and more specifically talk to the neighbors prior to approving a recycling drop off spot on the City's Foxfield property.

Adjourn

Councilor West moved to adjourn. Councilor Mitchell seconded. The meeting adjourned at 8:50pm.

Topics for Consideration at a Future Meeting

- Website Redesign Update



City of Hamilton Public Works

*920 New York Ave
Hamilton, Montana 59840*

MEMORANDUM

From: Donny Ramer, Public Works
To: Committee of the Whole
Date: May 12, 2020
Subject: WGM Ravalli Street Improvements Contract Addendum No. 4

Public Works requested a proposal from WGM Group, Inc. for services during construction for improvement to Ravalli Street from First Street to Honey Lane. WGM completed final design of East Ravalli Street under Addendum #3 of this contract. This contract amendment covers construction staking, construction engineering and inspection, and preparation of as-built drawings. This project is budgeted in the 2019-2020 budget, with plans to begin construction in early June.

Public Works requests that the Committee move this item to Council and authorize the Mayor to amend the Ravalli Street contract with WGM in the amount of \$15,691.

Sincerely,

Donald R. Ramer, PE, CFM
Director of Public Works



April 30, 2020

Donny Ramer
City of Hamilton
920 New York Avenue
Hamilton, MT 59840

Re: Proposed Amendment for Ravalli Street Improvements
Ravalli Street Construction Period Services from 1st to the Railroad Crossing

Dear Donny:

WGM Group, Inc. is pleased to provide this proposed amendment to our December 11, 2013 contract for engineering services related Ravalli Street. This proposed scope of services is for construction staking and limited assistance during the construction of Ravalli Street from 1st Street to the existing railroad crossing.

SCOPE OF SERVICES

WGM Group will provide the following services:

Task 01: Construction Period Services \$15,673

It is our understanding the City will be performing the construction engineering and administering the contract for the project. Therefore, WGM Group will only provide limited construction engineering services to answer design questions that may come up during construction. WGM Group will also provide reference staking for construction layout by the Contractor. This scope of services is based on a 60 calendar-day construction period. Additional hours will be required if the construction work extends beyond the anticipated construction schedule. The following is included:

- Prepare Staking Plans/Cut Sheets
- Removals, Benchmarks, and Rough Grade Staking (1 day)
- Storm Drain Staking (1 day)
- Curb Staking (2 days)
- Provide seven (7) hours of construction engineering per week that may come up during construction.
- Prepare As-built drawings based on construction red-lines provided by the City.

ADDITIONAL SERVICES

Services not specifically described in the tasks above are not included in this scope of work.

FEE ESTIMATE

Our fees will be billed on a time and materials basis with a total cost not to exceed **\$15,691** without a supplemental agreement. Fees are valid through December 2018 and may need to be adjusted if the project extends beyond this date. A cost summary is provided below.

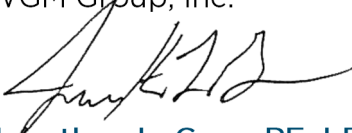
Cost Summary	
01 - Construction Period Services	\$15,691
TOTAL	\$15,691

SCHEDULE

Construction Documents have been prepared and the project is schedule to bid in April. Construction is anticipated to start in June 2020 and be complete by September 2020.

Thank you for the opportunity to provide these services. Please contact us at 406.728.4611 if you have any questions.

Sincerely,
WGM Group, Inc.



Jonathan L. Gass, PE, LEED AP
PRINCIPAL ENGINEER

JLG:smm

Professional Services Estimate

Project Name: Ravalli Street 1st to Honey Construct

Project #: 13-09-20.5

Client: City of Hamilton

Date: April 30th, 2020



DIRECT LABOR	Phase 01		TOTAL	
	CONSTRUCTION SERVICES			
	Hours	Total \$	Hours	Total \$
Sr Principal Engineer				
Senior Consultant				
Principal Engineer	4	\$668	4	\$ 668
Sr Project Engineer				
Sr Traffic Engineer				
Sr Transportation Engineer 2				
Project Engineer	48	\$6,240	48	\$ 6,240
Const Project Manager				
Project Representative				
Resident Project Rep 1				
QA/QC Representative				
Staff Engineer/EI	12	\$1,380	12	\$ 1,380
Engineer Technician 2				
Engineer Technician 1				
Sr Land Surveyor				
Land Surveyor 3	4	\$568	4	\$ 568
Land Surveyor 1				
Staff Surveyor/LSI				
Survey Crew Chief				
Survey Technician				
2-Person Crew	24	\$4,056	24	\$ 4,056
3-Person Crew				
Sr CADD Drafter	11	\$1,210	11	\$ 1,210
CADD Drafter				
TOTAL LABOR	103	\$ 14,122	103	\$ 14,122

DIRECT EXPENSES	Phase 01	TOTAL
Sub-consultants	-	\$ -
Copies / Prints	-	\$ -
Mileage	232.00	\$ 232.00
Lodging / Per Diem	244.00	\$ 244.00
Fees / Permits	-	\$ -
Survey Equipment	1,060.00	\$ 1,060.00
Technology Fee	33.00	\$ 33.00
Other	-	\$ -
TOTAL DIRECT EXPENSES	\$ 1,569.00	\$ 1,569.00

SUMMARY	Phase 01	TOTAL
Hours	103.0	103.0
Labor	\$ 14,122.00	\$ 14,122.00
Expenses	\$ 1,569.00	\$ 1,569.00
TOTAL	\$ 15,691.00	\$ 15,691.00



City of Hamilton Public Works

920 New York Ave
Hamilton, Montana 59840

MEMORANDUM

To: Committee of the Whole
From: Donny Ramer
Date: May 12, 2020
Subject: SCADA Project – HDR Addendum No. 2

HDR is working on the Supervisory Control and Data Acquisition (SCADA) Improvements for the City's Water and Wastewater facilities and is ready to move into the implementation phase of the project for the Water System and Sewer Lift Stations.

Software and selected hardware upgrades were completed at the WWTP, under Addendum No. 1 to the original contract, providing additional control and monitoring for the WWTP. These upgrades also set up the backbone SCADA system for the Water and Wastewater Collection systems.

HDR's Amendment No. 2 is included with this memo. HDR's scope of work includes Project Management, Process Improvement Programming, Start-up and Commissioning, Development of Instrument and PLC Specifications, Assistance with Procurement, and Services during Construction. The estimated fee associated with HDR's Amendment No. 2 are \$121,000, bringing HDR's total engineering budget to \$277,415 for water and wastewater projects.

This work is budgeted in the 2019-2020 Water and Wastewater Budgets in Account 930, with the funding remaining extending into the 2020-2021 proposed budget.

Public Works requests that the Committee of the Whole move the amendment to HDR's contract to Council for approval.

Sincerely,

Donald R. Ramer, PE, CFM
Director of Public Works

**PROFESSIONAL ENGINEERING SERVICES AGREEMENT
ADDENDUM NO. 2**

THIS AGREEMENT ADDENDUM is entered into on _____, 2020, by and between the CITY OF HAMILTON, MONTANA, a municipal corporation organized and existing under the laws of the State of Montana, 223 South 2nd St., Hamilton, Montana 59840, (City), and HDR ENGINEERING, INC., a Nebraska corporation, 700 SW Higgins, Suite 200, Missoula, MT 59803 (HDR).

WHEREAS, the City and HDR entered into a Professional Services Agreement on April 5, 2018, (Agreement), for certain services related to the City of Hamilton's Water and Wastewater Utility SCADA System Improvements Project; and

WHEREAS, the City and HDR desire to enter into an Agreement Addendum to authorize additional work and associated fees. This Addendum No. 2 is allowed under and fulfills the requirements set forth in Paragraph 17 of the Agreement. The additional work generally includes implementation of water and wastewater systems SCADA improvements recommended in the SCADA Master Plan.

NOW, THEREFORE, the parties do mutually agree that the Agreement executed by City and HDR remains in full force and effect, with the additions shown below:

3. **Scope of Work** is modified to include the services outlined in attached Exhibit A-2.
4. **Effective Date and Performance Schedule** is modified to allow completion of the new services no later than _____, 2020.
5. **Compensation for Services** is modified as follows and as further defined by attached Exhibit B:

For the satisfactory completion of services to be performed under both Exhibit A, Exhibit A-1 and A-2, the City will pay Engineer a sum not to exceed \$277,415 (68,415.00 + \$88,000.00+\$121,000).

IN WITNESS WHEREOF, the parties hereto have executed this Agreement Addendum No. 2 the day and year written above.

CITY OF HAMILTON, MONTANA

HDR ENGINEERING, INC.

By _____
Dominic Farrenkopf, Mayor

By _____
Vice President

Attest: _____
Rose M. Allen, City Clerk

EXHIBIT A2 – CITY OF HAMILTON PUBLIC WORKS AGREEMENT

SCOPE OF WORK

The intent of this contract amendment is to execute the “Future Tasks” described in the Professional Services Agreement between the City of Hamilton and HDR Engineering, Inc. for the SCADA Improvements Project dated April 5, 2018. These tasks in general include implementation of SCADA Improvements identified in the SCADA System Master Plan. The work tasks include:

- Task 100: Project Management
- Task 200: Water System and Wastewater System SCADA Improvements Programming, Start-up, and Commissioning
- Task 300: Develop Instrument and PLC Specifications
- Task 400: Assist City with Procurement
- Task 500: Services During Construction

Task 100: Project Management

Objective: Manage and control professional services contract to provide completion of the project. HDR will scope, schedule and cost control services, administer the contract, and initiate and attend project coordination meetings.

Deliverables:

- Agendas for meetings.
- Preliminary project schedule with milestones.
- Regularly Updated Detailed Project Schedules.
- Meeting notes for meetings.
- Monthly invoice with Software project progress summary report.

Task 200: Water System and Wastewater System SCADA Improvements Programming, Start-up, and Commissioning

Objective: Implement the programming, start-up, and commissioning for the Water System and Wastewater System SCADA improvements identified in the SCADA System Master Plan.

This task includes improvements to the following facilities:

- **Wastewater**
 - RCEDA Lift Station
 - SID 17 Lift Station
 - Stonegate Lift Station

- Old Corvallis Road Lift Station
- **Water**
 - Water Storage Tank
 - Well 1
 - Well 2
 - Well 6
 - Weber Booster Station
 - High School Booster Station

This task includes the following work activities:

- Replace MicroComm control hardware with Alan-Bradley CompactLogics PLC's and install new radio equipment.
- Software programming and testing.
- Functional demonstration.
- Field start-up and commissioning.
- Finish HMI at WWTP for SCADA Dialer and Alarms for facilities listed above.

Deliverables:

- Latest PLC ladder logic disk and hardcopy (print-outs).
- Latest process electronic files for screens, pictures, pop-ups, alarms, and data handling.
- Process displays for City Operations staff review (color print-out hardcopy, and where applicable marked up color print-outs of existing graphic displays).
- Record documentation of modifications
- Agendas for Software Demonstration Meetings.
- Meeting minutes from the Software Demonstration Meetings.
- Hardcopy printout of the PLC ladder logic programs.
- Hardcopy printout of the HMI process displays and reports.

Task 300: Develop Equipment and PLC Specifications

Objective: Provide a complete list of equipment and PLC hardware with specifications to be installed at each of the facilities listed in Task 200.

This task includes developing a list of instruments and specifications for the following equipment:

- Remote radio equipment and associated hardware.
- Remote PLC panels.

Deliverables: List of equipment and materials with cut sheet specifications.

Task 400: Assist City with Procurement

Objective: Assist the City with the procurement of the instruments, equipment, materials and contractors required for construction.

This task includes soliciting quotes from equipment suppliers and contractors for the following equipment and work:

- Remote radios.
- Remote PLC panels.
- Installation of the instruments, conduit, wire and panels as required to construct a fully functional control system for the proposed WWTP improvements.

Deliverables:

- Quotes from equipment suppliers for required equipment and appurtenances and proposals from installation contractors for installation of instruments, conduit, wire and panels.

Assumptions:

- The City of Hamilton will directly purchase equipment specified by HDR.
- The City of Hamilton will contract directly with construction contractor(s) for installation of equipment, conduit, wiring and PLCs.

Task 500: Services During Construction

Objective: Provide construction engineering and oversight throughout the construction phase of the project.

This task includes the following work activities:

- Review of Contractor pay requests.
- Shop Drawing review.
- General field observation including oversight of wire terminations.
 - Responsibility for all means and methods for construction of the project resides with the Construction Contractor. Any review, comment or recommendation made or implied by HDR cannot be construed as directing the Construction Contractor as it relates to means and methods nor does it imply any liability on the part of HDR for any construction issue that is a direct or indirect result of the work performed or actions of the individual construction contractors.

Deliverables:

- Field reports and photos.
- Response to contractors questions
- Shop drawing review.
- Review and recommendation on pay requests and change orders.

EXHIBIT B

			2 - Project Manager General - Craig Caprara	3 - Area Controller - Paden Kaufman	4 - Engineer Instrumentation Sr - Joseph Mullaney	5 - Engineer Instrumentation - Justin Boland	6 - Engineer Instrumentation - Josh Wiley	7 - EIT Electrical - Kasey Leavell	HDR				Other Direct Costs		Total Budget	
Task	Task Description	Status	PJM15	ACT07	EIN30	EIN20	EIN20-1	EEL10	TOTAL HOURS	LABOR COSTS	% of Hrs to Escalate	% Esc.	LABOR INCL. ESCALATION	SUBCONTRACTOR	EXPENSES	TOTAL COST
Task 1	100 - Project Management															
1.1	Project management	.	16	8	8				32	\$ 6,065		\$ -	\$ 6,065	▲	\$ 300	\$ 6,365
Subtotal (including optional)			16	8	8	0	0	0	32	\$ 6,065			\$ 6,065	\$ -	\$ 300	\$ 6,365
Task 2	200 - Water and Sewer SCADA Improvement F															
2.1	RCEDA Lift Station	.			10	16		12	38	\$ 4,745		\$ -	\$ 4,745	▲	\$ 200	\$ 4,945
2.2	SID 17 Lift Station	.			10	16		12	38	\$ 4,745		\$ -	\$ 4,745	▲	\$ 200	\$ 4,945
2.3	Stonegate Lift Station	.			10	16		12	38	\$ 4,745		\$ -	\$ 4,745	▲	\$ 200	\$ 4,945
2.4	Old Corvallis Road Lift Station	.			10	16		12	38	\$ 4,745		\$ -	\$ 4,745	▲	\$ 200	\$ 4,945
2.5	Water Storage Tank	.			6	4		5	15	\$ 2,054		\$ -	\$ 2,054	▲	\$ 200	\$ 2,254
2.6	Well 1	.			10	16		12	38	\$ 4,745		\$ -	\$ 4,745	▲	\$ 200	\$ 4,945
2.7	Well 2	.			10	16		12	38	\$ 4,745		\$ -	\$ 4,745	▲	\$ 200	\$ 4,945
2.8	Well 6	.			10	16		12	38	\$ 4,745		\$ -	\$ 4,745	▲	\$ 200	\$ 4,945
2.9	Weber Booster Station	.			10	16		12	38	\$ 4,745		\$ -	\$ 4,745	▲	\$ 200	\$ 4,945
2.10	High School Booster Station	.			10	40		18	68	\$ 7,805		\$ -	\$ 7,805	▲	\$ 200	\$ 8,005
Subtotal (including optional)			0	0	96	172	0	119	387	\$ 47,823			\$ 47,823	\$ -	\$ 2,000	\$ 49,823
Task 3	300 - Develop Instrument and PLC Specificati															
3.1	Instrument and PLC List/specifications	.					100	68	168	\$ 22,856		\$ -	\$ 22,856	▲	\$ -	\$ 22,856
Subtotal (including optional)			0	0	0	0	100	68	168	\$ 22,856			\$ 22,856	\$ -	\$ -	\$ 22,856
Task 4	400 - Assist City with Procurement															
4.1	Equipment Procurement Assistance	.			40				40	\$ 7,671		\$ -	\$ 7,671	▲	\$ -	\$ 7,671
4.2	Contractor Procurement Assistance	.			20				20	\$ 3,836		\$ -	\$ 3,836	▲	\$ -	\$ 3,836
Subtotal (including optional)			0	0	60	0	0	0	60	\$ 11,507			\$ 11,507	\$ -	\$ -	\$ 11,507
Task 5	500 - Services During Construction															
5.1	Services during construction	.			84			80	164	\$ 23,986		\$ -	\$ 23,986	\$ 4,000	\$ 2,500	\$ 26,486
Subtotal (including optional)			0	0	84	0	0	80	164	\$ 23,986			\$ 23,986	\$ 4,000	\$ 2,500	\$ 30,486
Total			16	8	248	172	100	267	811	\$ 112,237				\$ 4,000	\$ 4,800	\$ 121,037