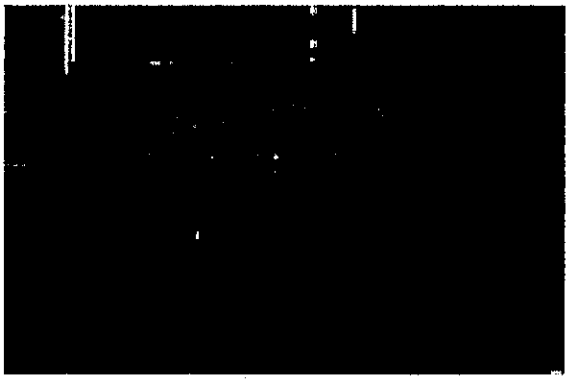
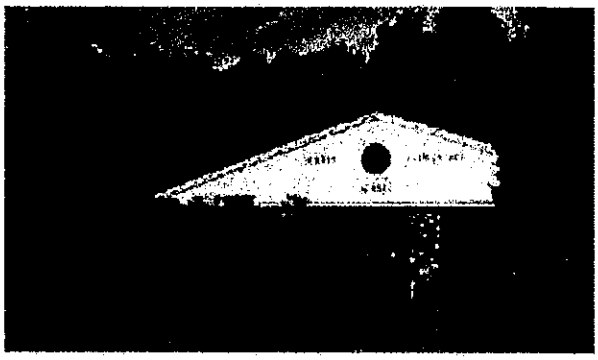
RENOVATION AND ADDITION:
Front Entrance and Hallways for:
Monroe Elementary and
Fawn Hollow Elementary Schools

REQUEST FOR QUALIFICATIONS:
CONSTRUCTION MANAGEMENT
AND ADVISOR SERVICES
COB 2013-#4





Bismark Construction Company, Inc.

100 Bridgeport Avenue
Milford, CT 06460
P: (203) 876-8331 F: (203) 876-8425

Gregory Raucci – gmraucci@bismarkconstruction.com
Jeffrey Raucci – jraucci@bismarkconstruction.com

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June 14, 2013

Monroe Board of Education
375 Monroe Turnpike
Monroe, CT 06468

Re: Qualifications Booklet – RFQ - Renovation/Addition Front Entrance and Hallways for:
Monroe Elementary and Fawn Hollow Elementary Schools
Bid Number: Cob-2013-#4

Gentlemen,

We are pleased to submit our qualifications for Construction Management and Advisor Services for the Renovation/Addition Front Entrance and Hallways for Monroe Elementary and Fawn Hollow Elementary Schools Project. We express our interest in providing our professional services.

In the past 31 years in business we have completed well over 100 municipal projects. This includes several successful and current projects at the elementary level. This local knowledge and current experience will enhance the owner's commitment to a successful project. Our occupied school construction experience is a part of the owners program to meet the project team goals.

With a reputation for completing every contract since it's founding, Bismark has the required knowledge of construction coupled with a practical understanding of the modern construction industry. From conceptual design through project completion, our team will provide the Town of Monroe with over 150 years of construction experience. We build and renovate schools.

Our firm's representative for the RFQ is : Jeffrey Raucci who can be reached at 203-876-8331 phone, 203-876-8425 fax, and jraucci@bismarkconstruction.com email.

Thank you for the opportunity and the consideration of our firm. If you have any questions or require additional information, please feel free to contact us at our office. We are available to meet the committee to review our services at the date scheduled.

Very truly yours,

BISMARK CONSTRUCTION COMPANY, INC

Gregory M. Raucci
President

Statement of Interest

Our firm manages and renovates schools. Since 1982 secondary school construction has been our business of which over 80% were built while occupied through the school year.

Currently, we are working with the City of Milford to provide renovations and additions under the occupied campus format with new security and safety applications to better serve the staff and students. These skills, along with our school construction experience, will enhance the project team's goals to implement a successful project while putting safety first.

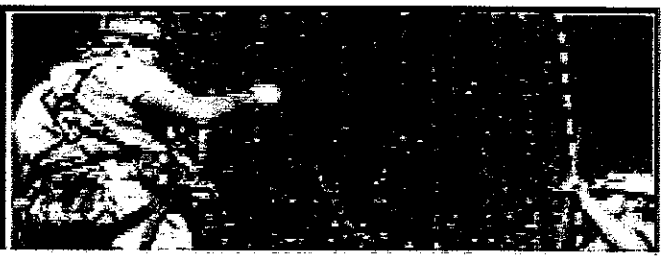
The Monroe Elementary School Project will require preplanning to review temporary entrance possibilities so not to cross paths with the students during the vestibule construction and relocation of the office voice and data systems to transition the final move with out interruption. The move will be discussed with staff prior to the actual move.

The Fawn Hollow Elementary School project has coordination with both the design team and staff. We will need to analyze the existing field conditions to accept new entrances and lockdown areas. This work will have to be phased so not to interrupt the daily schedule of students and staff. This will require daily updates with the project team for a smooth transition.

Our school construction team will have direct owner involvement within minutes from the projects to assure the Monroe Board of Education's entrance school needs at Fawn Hollow and Monroe Elementary Schools are met.

Not only do these projects fall within our expertise, we also have a personal interest in Monroe. Members of our staff reside in Monroe and either currently have children attending these schools or have had their children graduate from the Monroe School System. Our interest in this project is twofold; we are the most qualified firm to successfully complete this project and we personally know the importance of the security upgrade goals within this community

Bismark News



BISMARK CONSTRUCTION QUARTELY REPORT

Bismark Receives AGCCT "CM / GC of the Year 2010

On December 2, 2010 the AGC of Connecticut held there annual awards dinner at the Aqua Turf in Southington, CT.

Bismark Construction was awarded the ***Construction Manager / General Contractor of the year for 2010***. President Gregory M Raucci pictured center right was there to accept the award and thanked the AGC for there acknowledgement of the effort Bismark puts into every project no matter the size or scope of the project.

General Contractor/Construction Manager of the Year

Left to right: John Butts, General Contractor/Construction Manager of the Year Greg Raucci, Bismark Construction; Robert Berkman.

Bismark Celebrates the Upgrades to Trumbull Westfield

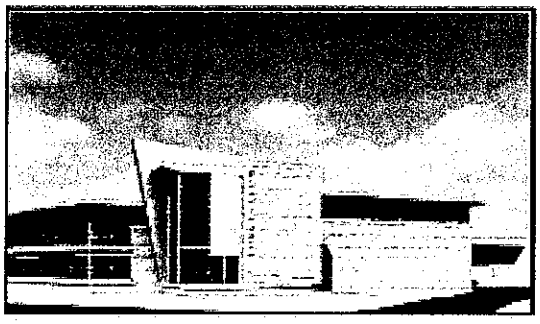
Bismark Construction successfully completed its work for Westfield and was well represented on Nov. 19 to celebrate completion of a 16 -month, $35 million renovation to the facility

Bismark Performed the Demolition, Concrete, Drywall, General Trades, EIFS, Reclaimed Wood and select finishes for this exciting new transformation.

Highlighted Project

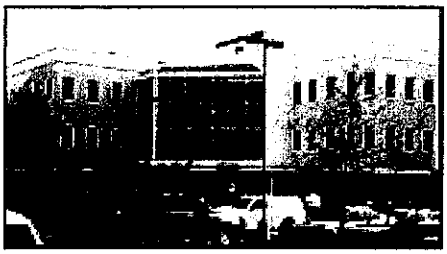
Bismark News

Bismark Selected as Construction Manager For New School In Bridgeport, CT



Bismark Construction Co., Inc. *has been awarded the Construction Management Services for the New Longfellow Elementary School located in Bridgeport, CT. The $42,000,000.00 project will provide the community with a show place for years to come.*

Recently Completed Project Showcase



New Physicians Building
Milford, CT
General Contractor, 2010

A-1 Toyota New Dealership
New Haven, CT
Design Builder, 2010

Reg Vocational Aquaculture School
Bridgeport, CT
Construction Manager , 2010

Griffin Ivy Brook Imaging center
Shelton, CT
Construction Manager 2009

United Rentals New Arial Division
Bridgeport, CT
General Contractor, 2009-2010

Good Shepard Daycare Center
Milford, CT
General Contractor, 2009

Questions or Comments? Email us at jrancci@bismarkconstruction.com or call us 203-876-8331

Company Experience

Bismark Construction Company is a full service construction firm with a staff of over 55 employees of construction professionals, engineers, field managers, and certified trade craftsmen. The staff has continued support to manage these projects from pre-construction through project closeout. We believe a full service construction firm such as ours will make the difference.

With our firm's expertise, we provide over 150 years of personal experience to offer the Town of Monroe. Over the last 30 years, 85% of our work has been in Fairfield County. After soliciting competitive bids from trade contractors we are able to offer options to redirect the project within fund limits by consolidating divisions of work under our CM services to meet the budget and schedule. As you will see from our work history, construction budgets and schedules have never been compromised. With our ability to perform the work, it enables us to fine tune budgets and refine schedules to meet the program. We work with the team to meet the client's needs.

Throughout these experiences we have become experts in construction under occupied conditions and provide the approach of safety first. Our firm constructs programs around occupied facilities daily. We bring our school experience to your daily functioning facility with practical elements and means for our end users. We understand the need for access, public safety and daily activity.

Internally, this project will be staffed with one team consisting of a Project Executive, Estimator, Project Manager and field staff with direct owner involvement. We are only as successful as your recommendation is to our next client.

The identified project team for the project has been chosen based on your identified project narrative and our knowledge to make this a successful project.

We are fully capable of undertaking your project with our current workload.

Company History

FIRM DESCRIPTION – Bismark Construction Company, Inc. is a family owned construction firm established in 1982. We are a local firm, that maintains it's headquarters in Milford, Connecticut, centrally located to service the State of Connecticut. Our home office supports all construction activities and links electronically to all field offices.

We have had the fortune in the past 30 years to develop construction techniques from building to management, to offer our services as true managers of the construction process. This skill allows us to be the problem solvers with the design team.

SERVICES – Bismark is recognized as one of the top leaders in our field. Bismark provides a broad range of construction services, including Construction Management, General Contracting, Project management, Design/Build, Pre-construction and Feasibility Studies. Presently we employee a professional staff, field supervisors and 40 tradesmen capable of completing all phases of work.

PUBLIC PROJECTS – Since the company's inception, public contracts comprised a major part of our workload. Well over 1,000,000 square feet of municipal projects have successfully been completed in Connecticut. We are currently working with the City of Bridgeport on 2 elementary school addition projects.

CLIENTS – Throughout our 30 years in business we have treated every project as our top priority. An office quote is "you are only as successful as your last project". Repeat business is due to satisfied clients. This is an indication of our ability to provide services our clients are demanding. Our client base includes many public towns, cities, institutions and individual owners.

APPROACH TO THE MANAGEMENT PROCESS

PROJECT APPROACH

Bismark's Construction Management services have been developed over many years based on our experience with a wide variety of projects. We are familiar with the local construction market of minority subcontractors and will use our Partnership to meet the minority goals. Our comprehensive management services include:

- Information systems and reports
- Estimating, trend forecasting, and cost control
- Planning and scheduling
- Procurement, expediting, and inspection
- Construction
- Contract Administration
- Liaison with client, user groups, public agencies, and community-at-large
- Start-up and commissioning

We are prepared to provide these services, as the Owner's agent in two phases:

PRE-CONSTRUCTION PHASE

Plan Review, Constructability Review, and Value Engineering and Budgeting

Immediately upon selection as Construction Manager Bismark Construction will undertake an in-depth review of all existing schematic designs and advise the Owner and Architect of potential high cost areas, constructability issues, alternate materials and methods to maintain schedule deadlines, and potential problems relating to availability of labor and / or materials needed in the proposed design.

In addition and concurrent with the design review, an itemized unit cost budget will be prepared for discussion, review, and approval by the Architect and Owner. This itemized budget will be crosschecked with a parameter estimate prepared by Bismark based on similar type buildings recently constructed by us.

As the development of design documents progresses, Bismark will commence the creation of a detailed estimate.

Bismark Construction, as a result of years of performing work with its own forces, will provide detailed estimates for the following work divisions.

Division 1 – General Conditions
Division 2 – Site Work, Demolition, Asbestos Abatement
Division 3 – Concrete Work
Division 4 – Masonry Work
Division 6 – Wood and Plastics

For the following categories, we will prepare detailed quantity surveys with applicable unit prices to forecast costs for:

Division 5 – Metals
Division 7 – Thermal and Moisture Protection
Division 8 – Doors and Windows
Division 9 – Finishes
Division 10 – Specialties
Division 11 – Equipment
Division 12 – Furnishings
Division 13 – Special Construction
Division 14 – Conveying Systems
Division 15 – Mechanical
Division 16 – Electrical

Of the above-mentioned Divisions, we intend to use our own cost data together with input from specialists.

Divisions 11, 12 and 13 need special consideration and it is our intent to contact manufacturers' representatives to assist with the special projects listed in those Divisions.

Once final design, materials, and schedules are agreed upon, we will use the construction documents to prepare a final budget which, after agreement by the Owner and Architect, will become the governing dollar parameters under which the project is constructed.

Our staff will continue to monitor the final design, materials, suggested methods of construction, construction sequence, and schedules to resolve any potential problem areas prior to commencement of construction.

Project Planning, Scheduling, and Construction Logistics

Bismark Construction will develop a project implementation plan and analyze, prior to bidding, the requirements that may impact project cost. Such conditions are then detailed in the bidding documents before actual work commences in the field. These conditions will include all necessary life safety requirements, as well as, to the extent possible, methods to avoid public disruptions of the use of the remaining facility.

Bar chart, milestones and CPM schedules are utilized to highlight critical Owner's decisions and identify long-lead items. Also identified in the scheduling will be detailed requirements for off-hours work, overtime work programs, and shutdown so that these requirements can be addressed in the bid documents.

Procurement Phase / Preparing the Bidders List

In conjunction with you, we will work to prepare bid documents. This will include: advising on the division of the work into packages by trade and practicality; maintain a listing of the work to insure that all of the work is assigned and to avoid duplications; setup unit prices, allowances, and work on the special conditions for each package which will give specific direction as to site logistics, temporary facilities, milestone dates and in general various coordination requirements particular to each trade.

We maintain a file of over 1,000 subcontractors and vendors. That file gives us immediate access to providers of every type of work and / or specialty item that might be encountered on a given project. A bidder's list for each category of work is then compiled on the basis of: project size, complexity of work, present subcontractor workload, competitiveness in pricing, and most importantly, past performance.
Our familiarity with Connecticut subcontractors enables us to assemble a bidder's list of highly qualified subcontractors in each category. The people on the list will be suited to the project as per the above-noted criteria. After receiving bids, the scope of the work in the lowest responsible bid is reviewed in detail and a recommendation for award submitted to the Owner and Architect for approval.

Bismark personnel will meet with the bidders to answer questions and provide clarification. Low bidders will be interviewed with respect to completeness and scope before making our recommendation to the Owner for contract award.

CONSTRUCTION PHASE

Once authorization from the Owner is given, we then proceed into the Construction Phase of the project.

Construction Scheduling

Bismark will establish and implement a schedule control program that will:
- Monitor progress against the master schedule and appropriate near term schedules
- Monitor quantities of work installed and contractor performance against the work schedule
- Identify and implement performance improvement measures when necessary
- Provide reporting to Owner and Architect, as mutually agreed

Cost Control

Bismark will establish and implement a cost control program that will:
- Monitor project budgets and establish a system to identify deviations in the cost at an early stage
- Prepare periodic cost forecasts
- Implement value engineering programs throughout construction
- Prepare and periodically update cash flow forecasts and funds appropriation requests
- Estimate and monitor the cost of contract and purchase order changes
- Evaluate and make claims recommendations

Submittal Management

We believe that the management and processing of shop drawings, technical submittals, and other items requiring approvals in order to execute the work requires active monitoring, checking, and movement as this work is of the utmost importance to the project's smooth operation. Depending on the urgency of the submittal, all components are either sent by overnight courier or are hand delivered to the approving authority whether it be the Owner, Architect, Engineer, or governmental body having jurisdiction. It is the responsibility of Bismark's Project Manager to log in all submittals and to regularly monitor the log for any outstanding items.

Administration and Accounting

A list of key administrative services provided during construction include:
- Construction accounting and payment administration
- On-site project documentation systems
- Prompt clarification of contract documents through Requests for Information
- Tracking and documenting changes in contract documents
- Weekly job meetings with subcontractors to review progress and schedule, and resolve problems
- Construction claims management
- Maintaining a record of project progress through periodic photographs
- Providing other needed administrative services, such as personnel administration, office administration, government relations, manpower training and development
- Maintaining an ongoing communication with the Owner and Architect through monthly written reporting and a pre-agreed on-site meeting schedule so that decisions are made expeditiously. The Owner will receive a monthly report to monitor total project costs in detail, as well as any deviation from our contract budget. This report will also go to the Architect.

Quality Control

Bismark will establish and implement a quality control program that includes field inspections, non-conformance reports, quality control of ongoing work, and scheduling of independent testing (provided by Owner).

Safety *(Current Company M.O.D. Rating .78)*

Early on in the pre-construction period, our Safety Officer and Vice President of Field Operations,, the assigned project manager, and Bismark's insurance carrier, will meet with you and appropriate Town Safety Personnel to develop a safety program. The functional responsibility for safety is assigned to the Superintendent on each job site with the Safety Officer overseeing the program's effectiveness. He supervises or performs the following functions:
- Job site inspection reports
- Accident investigations
- Field training
- Administration of the Tool Box Talk and Hazardous Materials Program
- Interface with appropriate government agencies
- Claims administration
- Enforcement and / or development of policies with regard to safety and security

Design Review Capabilities

Our design review capabilities start with an in house architect that understands the design process. Our process is to improve the effectiveness of the final construction documents. By having construction expertise we are able to interpret the design intent early to avoid constructability issues late.

Our design review is a starting point as a transition to our constructability review.

Highlights

- Construction involvement during project design;
- Detailed project scope review;
- Detailed review of construction plans and specifications;
- Execution plan development and review;
- Detailed schedule and budge review; and
- Development of identified alternatives.

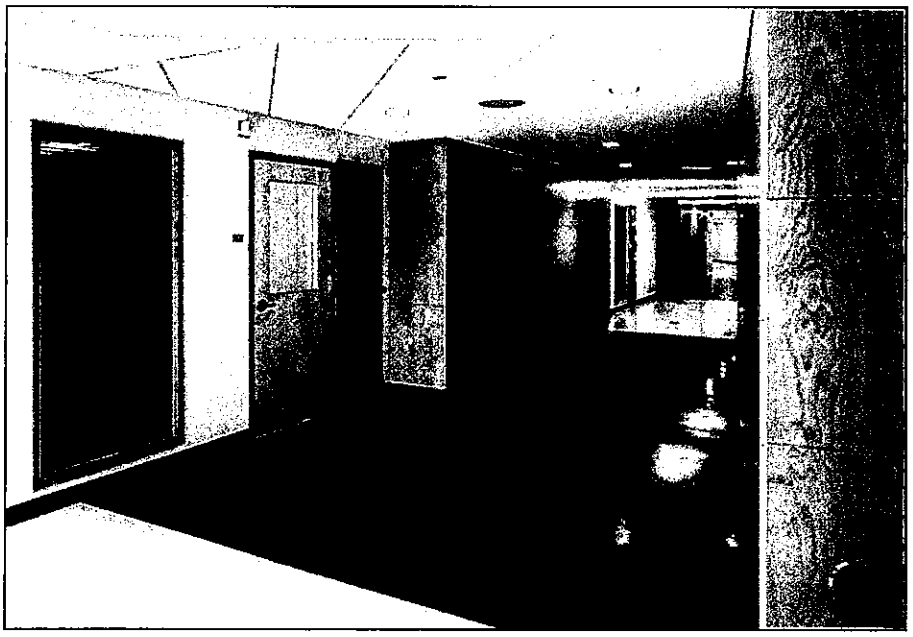
Then constructability reviews are performed as a cross check of construction documents for accuracy, completeness, and systems design coordination issues. "During the constructability review, the focus is on improving:

- Consistency, clarity and completeness of the construction documents;
- Consistency, applicability, enforceability, and comprehensiveness of the general conditions
- Applicability of construction installation technology, or materials;
- Consistency between plans and site conditions;
- Identification of project-specific issues.

POST CONSTRUCTION/PROJECT CLOSEOUT

In concert with the Architect, we will make recommendations to the Owner about the completeness of the project, process punch lists, test systems, and transfer all necessary material, warranties, guarantees, and operating manuals to the Owner's selected managers. This process concludes when the Owner is satisfied that the building is complete and that its total operation is under their control. A final completion report will be prepared for the Owner's use as well.

A suggested option to be considered as a budget line item is to employ a Commissioning Agent. This will certify that the designed systems have been completed in accordance with the approved documents. This not only alleviates potential maintenance concerns, but also verifies the Engineer's design.

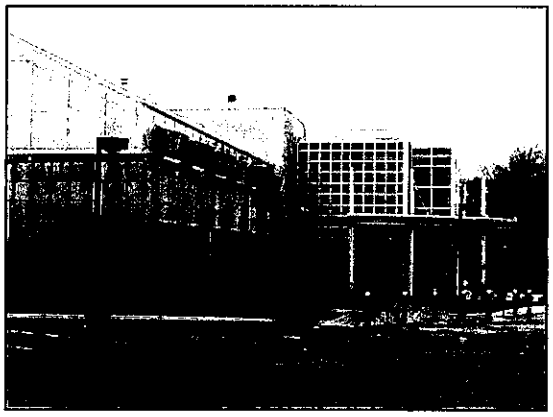


Ensuring quality with completion.....

CONSTRUCTION EXPERIENCE WITH ADDITIONS
TO RENOVATE WITH OCCUPIED ELEMENTARY SCHOOLS

The baseline for Bismark Construction is "We Build Schools for the Future".

Over 90% of our experience is with school construction projects. The growth market we target is interior school renovations and additions. Along with our projects for the City of Bridgeport from Longfellow Elementary School to the Town of Trumbull Middlebrook Pre K School, we have successfully completed elementary schools throughout the State of Connecticut.



Completed Elementary School Projects

(Highlighted Schools Occupied During Construction)

- Birdseye School - Stratford CT - GC
- Southwest Elementary School- Torrington CT - GC
- Eastern Elementary School – Greenwich CT - GC
- Read Elementary School – Bridgeport CT - GC
- Thomas Hooker Elementary School – Bridgeport CT - GC
- Hallen Elementary School – Bridgeport CT - GC
- Green Acres Elementary School – North Haven CT - GC
- Montowese Elementary School – North Haven CT - GC
- Clintonville Elementary School – North Haven CT - GC
- Bungay Elementary School – Seymour CT - GC
- Tashua Elementary School – Trumbull CT - GC
- Long Lots Elementary School – Westport CT - GC
- Coleytown Elementary School – Westport CT - GC
- D.C. Moore Elementary School – East Haven CT - GC
- North Branford Intermediate School – North Branford CT - GC
- Barnum School – Bridgeport CT - GC
- North Street Elementary School – Greenwich, CT - GC
- Riverside Elementary School – Greenwich, CT - CMR
- Middlebrook Pre School – Trumbull, CT – CMR
- Aquaculture School – Bridgeport, CT - CMA

CURRENT SCHOOL PROJECTS

- Longfellow Elementary School – Bridgeport, CT - CMA
- Black Rock Elementary School – Bridgeport, CT - CMA
- Greenwich Toilet Room Renovations – Greenwich, CT - GC
- Greenwich Auditorium Project – Greenwich, CT - GC
- East Shore Middle School – Milford, CT - GC

Selected Construction Management Projects

Project Name: *Longfellow Elementary School, Bridgeport CT*
Number of Students: *500*
Construction Budget: *$42,000,000.00*
Architect: *Fletcher Thompson Architects – 203-255-6500*
Owners Representative: *O & G Industries – Scott Baille – 203-576-7984*
Type of Contract: *CMA*
Current: *Budgets Only / Schematic Design*

Project Name: *Black Rock Elementary School, Bridgeport CT*
Number of Students: *500*
Construction Budget: *$12,000,000.00*
Architect: *Newman Architects – 203-772-1900*
Owners Representative: *O & G Industries – Scott Baille – 203-576-7984*
Type of Contract: *CMA*
Current: *Budgets / State PTC Review – Bids – 10/1/13*

Project Name: *Middlebrook Pre K School, Trumbull CT*
Number of Students: *250*
Construction Budget: *$7,000,000.00*
Architect: *Wiles Architects – 203-366-6003*
Owners Representative: *Town of Trumbull, BOE - Steve Kennedy – 203-452-4300*
Type of Contract: *CM@Risk*
Completed: *2007 See Attached Project*

Project Name: *Regional Vocational Aquaculture School*
Number of Students: *500*
Construction Budget: *$22,000,000*
Architect: *Kaestle Boos Architects - 860-229-0361*
Owners Representative: *O & G Industries – Bob Hedman – 203-576-7984*
Type of Contract: *CMA*
Completed: *2011*

Occupied School Experience

Additions and Renovations
Thomas Hooker Elementary School

Location: Bridgeport, CT

Building Size: 80,500 square feet

Owner: City of Bridgeport
Joe Ventuarelle
203-395-2971

Architect: JCJ Architects

Our Role: General Contractor

Building Cost: Original Budget - $ 5,400,000
Final Cost - $6,100,000

The reason we chose this school is do to the level of construction phasing and coordination that was required to build the elementary k-8 facility for the City of Bridgeport. The Thomas hooker School Project consists of (3) three additions a classroom wing, a new partial second floor over existing functioning classrooms and a new gym facility. The project required a concise construction schedule to mirror construction activities with daily student activities and movement.

MIDDLEBROOK EARLY LEARNING CENTER (LEEDS PROGRAM)

Location: Trumbull, CT

Building Size: 24,000 square feet

Owner: Town of Trumbull
Bob Chimini (203) 952-5042

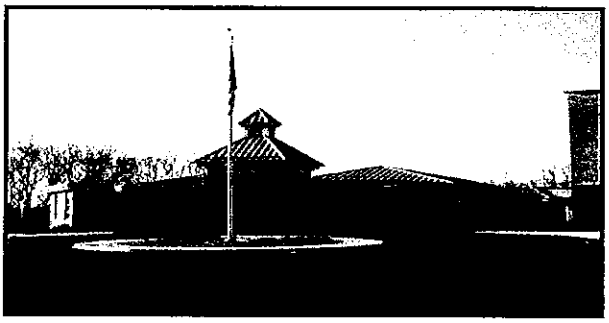
Architect: Wiles and Associates
George Wiles (203) 366-6003

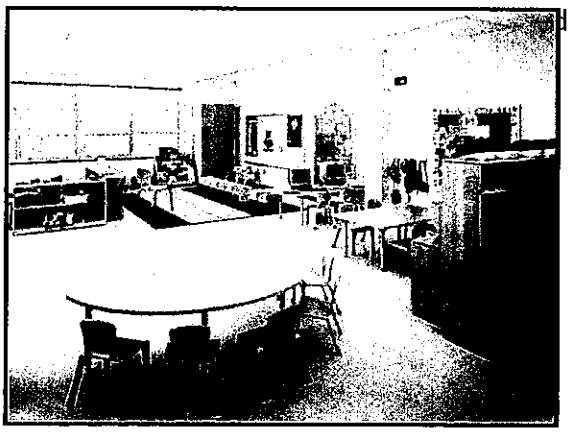
Our Role: Construction Managers At-Risk

Form of Bid: GMP CM@Risk AIA 121cc

Schedule: Budgeted – December 12, 2005 - August 25, 2005
Actual – December 12, 2005 - August 25, 2005

Building Cost: Original Budget - $7,300,000.00
GMP Amount - $ 6,250,000.00
Final Cost - $ 6,177,000.00





Middlebrook Early Learning Center was constructed on the campus of Middlebrook Elementary School. A high quality of finishes were utilized to meet the needs of the program. During preliminary reviews the design teams building components were conventional masonry backup with a steel structure. We cost analyzed and offered savings with metal framing with a brick veneer. This turned out to be a substantial cost savings to the project. Working closely with the building committee and design team, special care was taken in selecting interior finishes and overall design of the facility to accommodate the special needs of the future students. **We phased construction bid packages as plans were developed.** Faced with an 8 month construction schedule, forced into winter concrete and winter conditions, we were able to manage a difficult site, consolidate tasks and deliver a successful facility for use within schedule and under budget.

LONGFELLOW ELEMENTARY SCHOOL

Location: Bridgeport, CT

Building Size: 88,922 square feet

Owner: City of Bridgeport
Robert Hedman (203) 576-7984

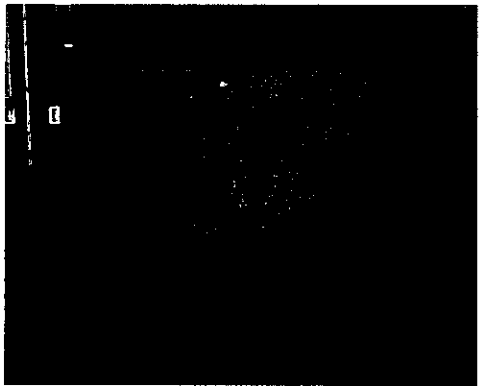
Architect: Fletcher Thompson Architects
203-225-6500

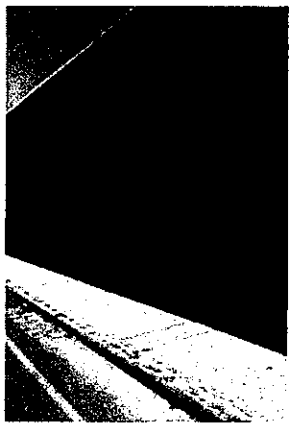
Our Role: Construction Managers

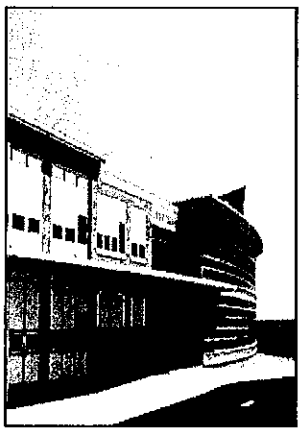
Form of Bid: CMA

Schedule: Budgeted – 16 months
Actual – phase 1 complete

Building Cost: Original Budget - $26,000,000
Contract Amount -
Cost to Date – awaiting the bidding phase
Number of Changes – 0







Longfellow School is a renovate as new project which incorporates three additions. Our task will be to construct a new boiler plant and renovation to new condition *an occupied functioning school.* The Bismark /Premier Team's Construction Management services will renovate as new the Longfellow Elementary School. The $26 million dollar project will incorporate four phases with the major renovation phase 2 planned to start in January 2012.

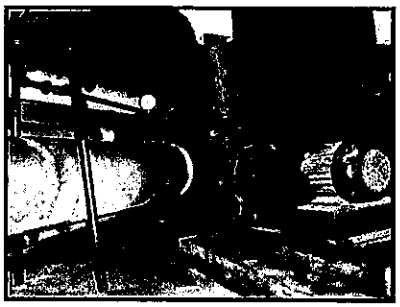
BRIDGEPORT INFRASTRUCTURE UPGRADES

Owner: City of Bridgeport
Robert Hedman (203) 576-7984

*All Four Schools Completed Under one CMA Contract

A. Central High School

MEP / Window upgrades within an occupied building.
Architect: Kenneth Boroson Architects
Our Role: CMA / Pre-Construction / Construction Phase
Form of Bid: Public Bid to the Owner
Budget: $ 5,565,000 **Contract Value:** $ 5,553,500

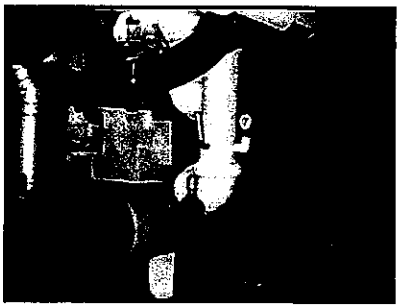


B. Wilbur Cross Elementary School

MEP / Code Upgrades
Architect: Fletcher Thompson Architects
Our Role: CMA / Pre-Construction / Construction Phase
Form of Bid: Public Bid to the Owner
Budget: $ 561,860 **Contract Value:** $ 566,790

C. Bassick High School

MEP / Code Upgrades
Architect: Fletcher Thompson Architects
Our Role: CMA / Pre-Construction / Construction Phase
Form of Bid: Public Bid to the Owner
Budget: $ 2,078,000 **Contract Value:** $ 2,091,000



D. Roosevelt Elementary School

MEP / Code Upgrades
Architect: Fletcher Thompson Architects
Our Role: CMA / Pre-Construction / Construction Phase
Form of Bid: Public Bid to the Owner
Budget: $ 1,442,000 **Contract Value:** $ 1,413,000

REGIONAL VOCATIONAL AQUACULTURE SCHOOL

Location: Bridgeport, CT

Building Size: 30,000 square feet

Owner: City of Bridgeport
Robert Hedman (203) 576-7984

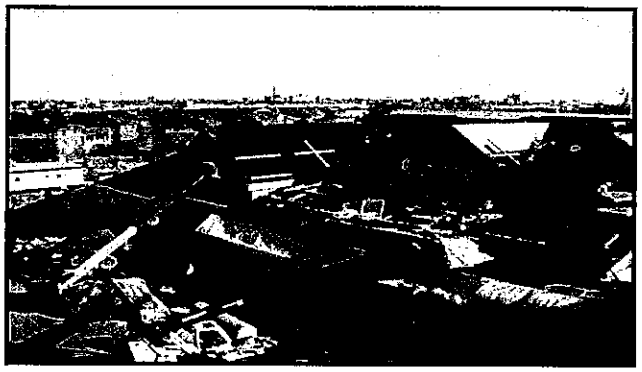
Architect: Kaestle Boos Associates, Inc.
Dave King (860)229-0361

Our Role: Construction Managers

Form of Bid: CMA

Schedule: Budgeted – April 2009 – July 2010
Actual – April 2009 – July 2010

Building Cost: Original Budget - $19,600.00
Contract Amount - $ 18,325,922.00
Number of Changes – 5.5%



The Regional Vocational Aquaculture School is a vocational magnet school located in Bridgeport, CT. The project consists of infrastructure renovations to the existing building as well as a 30,000sf addition to the existing facility. This project was constructed during an active school year without interruption of daily operations. The construction site of the new building is on a contaminated site which required great care to remediate without interference to the day to day activities of the school. Contingencies for soil testing, oversight, and monitoring were used to track all aspects of remediation. The mechanical components of the new building tie directly into the systems of the existing building. *This has given us great experience in coordinating infrastructure upgrades while keeping the facility operational throughout heating and cooling seasons.*

TRUMBULL HIGH SCHOOL

Location: Trumbull, CT

Building Size: 48,500 square feet

Owner: Town of Trumbull
Bob Chimini (203) 952-5042

Architect: Silver Petrucelli and Associates
Bill Silver (203) 230-9007

Our Role: Construction Managers At-Risk

Form of Bid: GMP CM@Risk AIA 121cc

Schedule: Budgeted – June 2006 – April 12, 2007
Actual – June 2006 – April 12, 2007

Building Cost: Original Budget - $ 13,880,000.00
Final Cost - $ 9,600,000.00
Number of Changes – 3%

The Trumbull High School Project consists of (3) three additions of classroom, science labs and common student space. The project requires a concise construction schedule to mirror construction activities with daily student activities and movement. Technically the project review phase was extremely important to conform to existing building conditions and new building components. Our CM staff of engineers / architects reviewed the technical needs of the project as a checks and balance to minimize possible unforeseen issues that otherwise would delay the owners schedule. This is the added experience we bring to the Wilbur Cross Elementary School's dream.

GOOD SHEPHERD DAYCARE CENTER

LEEDS SILVER CERTIFICATION GOAL

Location: Milford, CT

Building Size: 15,000 square feet

Owner: Good Shepherd Daycare
Gloria Hayes (203) 874-8232

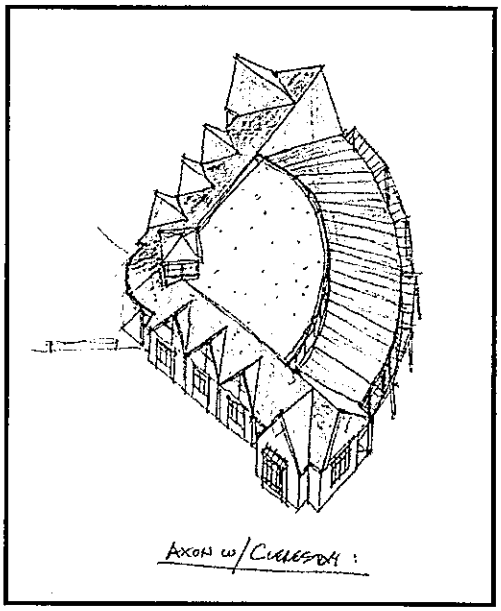
Architect: The Office of Michael Rosenfeld, Inc.
Michael Rosenfeld (978) 264-0160

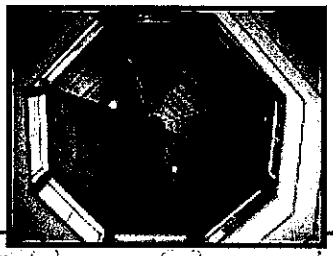
Our Role: Construction Manager

Form of Bid: GMP CM@Risk AIA 121cc

Schedule: Budgeted – 9 months
Scheduled – 9 months

Building Cost: Original Budget - $4,600,000.00
Bid Amount - $ 3,539,000.00
Final Cost - $3,600,00.00
Percentage of C.O. 2% +/-





Good Shepherd Day are Center entered the construction phase on January 5, 2006. The facility is a 15,000 square food state of the art day care center constructed under a LEEDS Silver Certification. The architectural highlights were saved during our value engineering phase to meet cost constraints. The pre-construction phase required numerous budgets / estimates to value engineer the project to meet the owners budget. The LEEDS experience we have acquired with this and other LEEDS projects will become a valued part of the Beecher Road School project team. This provides an understanding for an energy efficient and environmentally friendly design and construction practice.

RELATED PROJECTS

CITY OF BRIDGEPORT SCHOOLS
INFRASTRUCTURE UPGRADES
Central High School
Wilbur Cross Elementary School *Occupied
Bassick High School
Roosevelt Elementary School *Occupied
Regional Vocational Aquaculture School

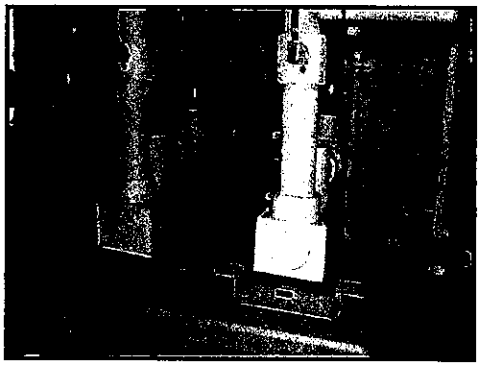
TOWN OF GREENWICH SCHOOLS
MECHANICAL / ELECTRICAL UPGRADES
Julian Curtis School
Old Greenwich Elementary School *Occupied
New Lebanon School
Parkway School
Greenwich High School Chiller Replacement

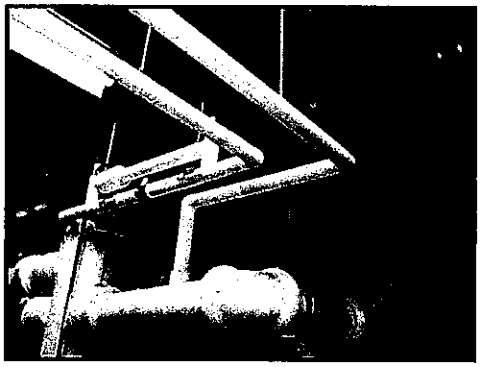
ARCHITECTURAL UPGRADES
North Mianus Window Replacement
Parkway School Window Replacement

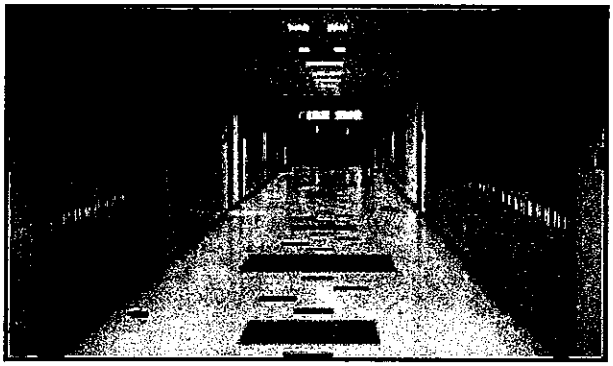
TOWN OF TRUMBULL SCHOOLS
Trumbull High School Additions
Middlebrook Elementary School Early Learning

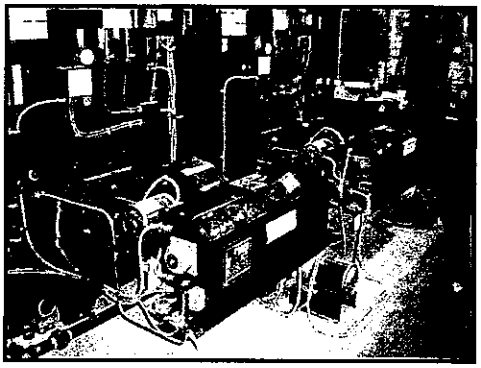
STAMFORD HIGH SCHOOL
Infrastructure Upgrades
Mechanical/Electrical

LEEDS CERTIFICATE
Good Shepherd Daycare Center









Cost Control Management

Cost Control starts day one during the Pre Construction Phase.

Project Program Management with the Design Team to review the design format proposed for the renovations and additions.

Constructability review to recommend approaches to save time. Time saves dollars for actual program needs. The early scheduling development will dictate the actual project time line from design to final construction.

Key Cost Controls:

- Monitor design intent with Design Team.
- Prepare project budgets to identify deviations in the cost at an early stage.
- Prepare periodic cost factors.
- Implement value engineering programs throughout by division of work.
- Early notification to the sub-trade market to develop interest. We have a large sub-trade market based on our GC Division work program to provide competitive bidding.
- Prepare updates of cash flow forecasts.
- Utilize Prolog Management Software.
- Estimate and monitor the cost of contract and purchase orders.

Available Technology

SOFTWARE

Primavera Expedition

Through past experience with the City of Bridgeport we have gained vast experience using the Primavera Expedition software system. All payment requisitions, change orders, submittals, daily reports, meeting minutes, requests for information, and various other reports are generated daily to allow for proper tracking of all operations to allow for a functional project. For the past6years we have used this system on numerous projects with the city, gaining a wealth of knowledge in what is expected of us as Construction Managers for the City of Bridgeport.

Sage Master Builder

Master Builder is an integrated business management and accounting system for general and engineering contractors and subcontractors of all trades. The software includes estimating, scheduling, project management, equipment management, payroll, accounts payable, accounts receivable and general ledger. Specialized billing modules are available for AIA, unitary, time and materials, progress, and service billing to meet the needs of many different types of contractors.

Microsoft Project

Using Microsoft Project all baseline and critical path schedules are developed scheduling the course of events that will take place throughout the project. All activities are closely monitored and tracked throughout the project using Microsoft Project. Cost analyses are cross referenced with specific task related items to control the project budget. Weekly updates are performed by the project manager in order to keep the project moving as anticipated to ensure completion on time and within the proposed budget.

Pro Log Project Management System

From the projects inception Pro Log is used to organize and develop a paper trail. All administration of the job can be handled through this software. RFI's, Meeting Minutes, Contracts, Change Orders, Applications for Payment, Submittals, Submittal Logs, Transmittals, Daily Reports, etc., will all be closely monitored and documented for the owners protection. At the end of the job there will be a clear and defined record of all activities that occurred from Pre-Construction through Completion.

AIA Document Software

For more than 120 years, AIA Contract Documents has been the mainstay of the construction industry featuring a comprehensive suite of contractual documents that address the full spectrum of design and construction projects, large and small. AIA Contract Documents save time and money, feature fair and balanced agreements and is compatible with Microsoft Word and Excel.

Auto Desk / Navisworks

Navisworks revolutionizes the design review requirements for the construction process. The post – production ability to review a 3-d modeling program to investigate and examine the design to limit exposure for the client. This program Links with the City of Bridgeport's Primavera expedition software.

Primavera Project Planner

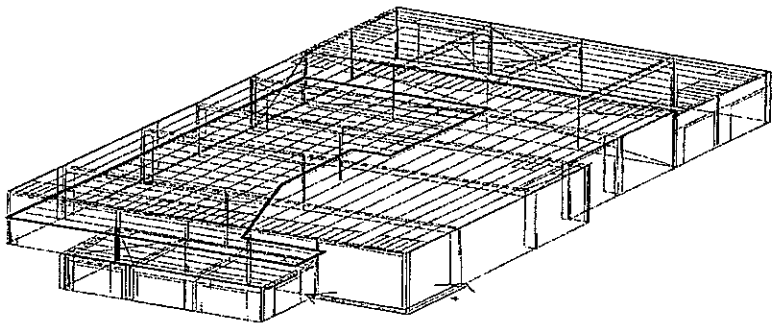
Early on we develop a Master Schedule prior to the bidding phase to provide construction parameters for the subcontractor bid packages. This will also provide the competitive bidding market. We then further develop our schedule with time lines to review at monthly project meetings to meet the owner's schedule.

BIM
Building Information Modeling
Navisworks

Bismark Construction Company offers Construction Modeling Software capabilities. Thanks to our current elementary schools for the City of Bridgeport, we have gained experience with the Navisworks Software.

Building Information Modeling to Create More Compelling Bids
This is a faster project delivery with less waste and less costs with Building Information Modeling technology and workflows, resulting in more compelling bids. The processes does such as more accurate material quantity takeoff, design visualization, and pre-construction interference management can help demonstrate greater value to your clients.

The opportunity to expand the constructability with integrated information will also optimize all construction and coordination levels. Currently, we are working with your Longfellow team to begin the review process with the design teams ***Clash Report***.



This BIM approach will limit the loss of information between the design/construction team and owner acceptance of building.

The BIM system reduced the project cost as it moved through design into the construction phase. We are able to increase visually and constructability before construction starts. This saved financially with a coordinated and on time project for the owner.

References

Municipal

O & G School Program
C.M. Bridgeport
Contact: City of Bridgeport, Bob Hedman
203-576-7984

Greenwich Schools
Projects Completed
Contact: Town of Greenwich, John Frione
203-625-7437

Trumbull Board of Education
Project Completed
Contact: Superintendent, Ralph Iassogna
203-452-4301
Contact: Trumbull High School, Lucinda Timpanelli
203-452-4560

East Shore Middle School
Project Ongoing
Contact:: Principal, Cathy Williams
203-783-3559

Medical

Griffin Imaging and Diagnostic Center
Project Completed
Contact: Seth Shepard
203-732-7343

St. Vincent's Medical Center
Completed and Ongoing Projects
Contact : Michael Canniff
203-576-5523

Non-Profit

Good Shepard Daycare Center
Project Completed
Contact: Gloria Hayes
203-874-8232

Guilford Center for Children
Project Completed
Contact: Pam Orton
203-453-8050

Deer Lake Dining Facility
Current Project
Contact: Lou Salue
203-876-6868

Private

United Rentals
Project Completed
Contact: Phil Shuluk
949-809-0181

Project Team

Project Executive:
Gregory M. Raucci, President
BS Architectural Engineering
AIA Architect Licensed State Of Connecticut
License # 3964
Experience –31Years

Owner in Charge:
Jeff Raucci, CEO
BS Construction Management
Experience – 28 Years

Estimator/ Purchasing Agent
Ron Leonardo
Experience – 42 Years

Project Executive
Dave Funaro
BS Industrial Construction Management
Experience – 30

The Bismark Management Team

GREGORY M. RAUCCI
PRESIDENT/OWNER
AIA LICENSED ARCHITECT – STATE OF CONNECTICUT
BS ARCHITECTURAL ENGINEERING
ROGER WILLIAMS UNIVERSITY
31 YEARS EXPERIENCE

Greg has a background of estimating, field operations, code compliance, architecture, and office management. He is responsible for the overall leadership of the firm; including sales, operations, personnel and financial management. He is also Chairman of the CCIA and former AGC of Connecticut President.

Project Experience

Longfellow Elementary School, Bridgeport, Ct.
Renovate as New Project with Leed requirements
CMA (Pre-Construction/Bidding/Project Executive)
Aquaculture School, Bridgeport, CT
CMA (Pre-Construction/Bidding/Contract Negotiation)
Bridgeport Schools Repair Project, Bridgeport, CT
CMA (Pre-Construction Bidding/Contract Negotiation)
Trumbull High School Additions, Trumbull, CT
Construction Manager at Risk (Pre-Construction/Project Executive
Middlebrook Pre-Kindergarten, Trumbull, CT
Construction Manager at Risk (Pre-Construction / Project Executive)
Good Shepard Daycare, Milford, CT (LEEDs)
Construction Manager / General Contractor (Pre-Construction)
Stamford High School, Stamford, CT
General Contractor / General Manager

The Bismark Management Team

JEFFREY J. RAUCCI
VICE PRESIDENT/OPERATIONS MANAGER/OWNER
B.S. CONSTRUCTION MANAGEMENT
CENTRAL CONNECTICUT UNIVERSITY
28 YEARS EXPERIENCE

As Owner in Charge, Jeff is responsible for all operations, including personnel. He successfully manages a forty-two person organization and facilities in over thirty million in annual volume in Connecticut. Jeff verifies that the appropriate level of staff is available and assigned to the project while maintaining an overview of all operations. He works in unison with the Project Executive, ensuring all appropriate resources are utilized.

Project Experience

Griffin Hospital, Ansonia, CT
Pre-construction/Construction Project Executive

Greenwich High School Café, Greenwich, CT
General Contractor

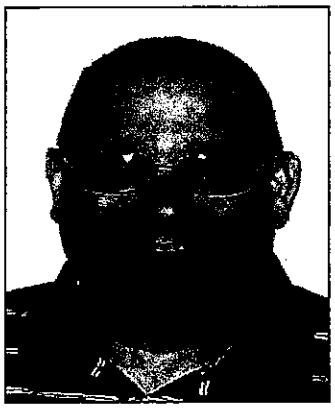
Greenwich High School Chiller, Greenwich, CT
General Contractor

Stamford High School Infrastructure Project, Stamford, CT
General Contractor

Stamford High School Café Addition, Stamford, CT
General Contractor

Westhill Agriscience (Magnet High School)
General Contractor

Amity High School, Woodbridge, CT
Subtrade Package

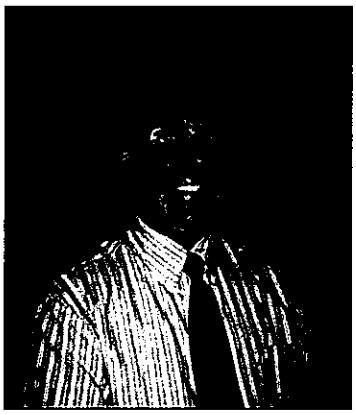


Ron Leonardo
PROJECT ESTIMATING
PURCHASING AGENT
42 YEARS EXPERIENCE

Ron brings over 40 years of experience in construction and construction related fields, including project management, project coordinating, purchasing, estimating, budget preparation and scheduling.

Related Experience

Aquaculture Elementary School, Bridgeport, CT
Closeout Management
Longfellow Elementary School, Bridgeport, CT
Estimating
Duggan Elementary School, Waterbury, CT
Estimating
Greenwich Toilet Room Renovation, Greenwich, CT
Estimating
Greenwich Auditorium Project, Greenwich, CT
Estimating
Milford Hospital Physicians Building, Milford, CT
Project Management
United Rentals New Facility, Bridgeport, CT
Project Management



Dave Funaro
Project Executive
B.S. INDUSTRIAL CONSTRUCTION MANAGEMENT
COLORADO STATE UNIVERSITY
30 YEARS EXPERIENCE

Dave has over 30 years of construction experience in Connecticut with highlighted school construction knowledge. Dave joined Bismark over a year ago after years of a relationship as one of Bismark's Owner's Representative for Westfield Corporation.

Related Experience

East Shore Middle School, Milford, CT
Project Executive
Westfield, Milford Mall, Milford, CT
Project Executive

Prior Experience

Yale University Environmental Sciences Facility, New Haven, CT
Project Manager
Trumbull Shopping Center, Trumbull, CT
Project Manager
Roadway Package Systems, Hartford, CT
Project Manager
A.A. Ribicoff Federal Building and Court House, Hartford, CT
Project Manager

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION *(City and State):* Bismark Construction Company Milford, CT 06460
2. PUBLIC NOTICE DATE:
3. SOLICITATION OR PROJECT NUMBER: COB 2013-#4

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE: Jeffrey J. Raucci
5. NAME OF FIRM: Bismark Construction Company
6. TELEPHONE NUMBER: 203-876-8331
7. FAX NUMBER: 203-876-8425
8. E-MAIL ADDRESS: jraucci@bismarkconstruction.com

C. PROPOSED TEAM

(Complete this section for the prime contractor and all key subcontractors.)

9a. PRIME (CHECK HERE): X

9a. JOINT-VENTURE PARTNER (CHECK HERE):

9a. SUBCONTRACTOR (CHECK HERE):

9a. FIRM NAME: Bismark Construction Company

9a. IF BRANCH OFFICE CHECK HERE:

10a. ADDRESS 100 Bridgeport Avenue, Milford, CT 06460

11a. ROLE IN THIS CONTRACT Construction Manager as Advisor

9b. PRIME (CHECK HERE):

9b. JOINT-VENTURE PARTNER (CHECK HERE):

9b. SUBCONTRACTOR (CHECK HERE):

9b. FIRM NAME:

9b. IF BRANCH OFFICE CHECK HERE:

10b. ADDRESS

11b. ROLE IN THIS CONTRACT

D. ORGANIZATIONAL CHART OF PROPOSED TEAM *(Attached; check here)* See Attached Chart.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME: Gregory M. Raucci

13. ROLE IN THIS CONTRACT: Project Executive/Pre-Construction

14a. YEARS EXPERIENCE - TOTAL: 30

14b. YEARS EXPERIENCE - WITH CURRENT FIRM: 28

15. FIRM NAME AND LOCATION *(City and State)*: Bismark Construction Company

16. EDUCATION *(DEGREE AND SPECIALIZATION)*: BS Architectural Engineering

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*: AIA, State of Connecticut, Licensed Architect

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*: CCIA Chairperson term to 2012, AGC Member, Past President AGC Connecticut, Board of Directors; CCIA, Board of Directors. 2007 Connecticut Contractor of the Year (Runner Up), 2010 CM Contractor of the Year

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19c(1) RELEVANT PROJECT - TITLE AND LOCATION *(City and State)*: Regional Vocational Aquaculture School, Bridgeport, CT

19c(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: CM Advisor

19c(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION *(If applicable)*: 2008 - Current

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION *(Brief scope, size, cost etc.)* AND SPECIFIC ROLE: Provide CM Services from pre-construction thru completion - 30,000 sf addition to existing facility, $31 million budget.

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

19d(1) RELEVANT PROJECT - TITLE AND LOCATION *(City and State)*: 5 Elementary School Repair Projects, Bridgeport, CT

19d(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: CM Advisor, Pre-Construction Procurement

19d(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION *(If applicable)*: 2006 - 2009

19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION *(Brief scope, size, cost etc.)* AND SPECIFIC ROLE: Pre-construction budgets and procurement writing of BID packages,. $8 million, Repair and Renovation to Central High School, Wilbur Cross Elementary School, Bassick High School and Roosevelt Elementary School.

19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

19b(1) RELEVANT PROJECT - TITLE AND LOCATION *(City and State)*: Middlebrook Elementary School, Trumbull, CT

19b(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2006, CM @ Risk

19b(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION *(If applicable)*: 2006

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION *(Brief scope, size, cost etc.)* AND SPECIFIC ROLE: New elementary Magnate School servicing Pre-K thru K Programs. 25,000 SF of building, $8.3 million budget, $7.4 million construction cost. Pre-Construction/Project Executive

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X
New 25,000 sf facility.

19a(1) RELEVANT PROJECT - TITLE AND LOCATION *(City and State)*: Trumbull High School Expansion, Trumbull, CT

19a(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2007, CM @ Risk

19a(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION *(If applicable)*: Pre-Construction 2006/July 2007

19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION *(Brief scope, size, cost etc.)* AND SPECIFIC ROLE: Provide CM Services from pre-construction thru completion – $13 million budget, $1.2 million under budget: 35,000 sf expansion to existing structure.

19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X
New 45,000 sf building additions to existing occupied facility.

19c(1) RELEVANT PROJECT - TITLE AND LOCATION *(City and State)*: Good Shepard Preschool, Milford, CT

19c(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: CM at Risk

19c(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION *(If applicable)*: 2007- 2008

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION *(Brief scope, size, cost etc.)* AND SPECIFIC ROLE: Pre-school facility, LEEDs

Accredited, $4 million, 15,000 sf.

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

19e(1) RELEVANT PROJECT - TITLE AND LOCATION *(City and State):* Renovations to Stamford High School, Stamford, CT

19e(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: Project Manager/Partial

19e(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION *(If applicable):* 2007 GC Package

19e(3) RELEVANT PROJECT - BRIEF DESCRIPTION *(Brief scope, size, cost etc.)* AND SPECIFIC ROLE: Renovation of 350,000 sf facility while in operation. $21.5 million contract with a $3.5 million café addition.

19e(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

18. NAME: Dave Funaro

19. ROLE IN THIS CONTRACT: Project Manager / Project Executive

14a. YEARS EXPERIENCE - TOTAL: 30

14b. YEARS EXPERIENCE - WITH CURRENT FIRM: 2

28. FIRM NAME AND LOCATION *(City and State)*: Bismark Construction Company, Milford, CT

29. EDUCATION *(DEGREE AND SPECIALIZATION)*:

30. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*:

31. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*:

19a(1) RELEVANT PROJECT - TITLE AND LOCATION *(City and State)*: East Shore Middle School, Milford, CT

19a(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: Project Manager / Project Exeuctive

19a(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION *(If applicable)*: 2012-2014 Current

19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION *(Brief scope, size, cost etc.)* AND SPECIFIC ROLE:
Project Management – Renovation and addition of existing facility, $7 million budget

19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

19b(1) RELEVANT PROJECT - TITLE AND LOCATION *(City and State)*: Westfield Connecticut Post Mall, Milford, CT

19b(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: Project Manager

19b(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION *(If applicable)*: 2011 - 2012

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION *(Brief scope, size, cost etc.)* AND SPECIFIC ROLE:
The Westfield Mall in Milford, CT project consisted of a full renovation of existing bathrooms, food court seating, and entrances. Sergio was responsible for coordinating all activities on site between the 1st and 2nd shifts, develop and implement a schedule, maintain change orders based on the owner's directives, and control the overall budget of the project.

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

19c(1) RELEVANT PROJECT - TITLE AND LOCATION *(City and State)*:

19c(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES:

19c(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION *(If applicable)*:

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION *(Brief scope, size, cost etc.)* AND SPECIFIC ROLE:

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm:

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

20. NAME: Ron Rossomondo

21. ROLE IN THIS CONTRACT: Project Superintendent

14a. YEARS EXPERIENCE - TOTAL: 27 years

14b. YEARS EXPERIENCE - WITH CURRENT FIRM: 27 years

32. FIRM NAME AND LOCATION *(City and State)*: Bismark Construction Company, Milford, CT

33. EDUCATION *(DEGREE AND SPECIALIZATION)*:

34. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE):*

35. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*:

19a(1) RELEVANT PROJECT - TITLE AND LOCATION *(City and State):* Trumbull High School Trumbull, CT

19a(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: CM at Risk Project Superintendent

19a(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION *(If applicable* 2008

19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION *(Brief scope, size, cost etc.)* AND SPECIFIC ROLE: 28,000sf in total encompassing three additions to an existing school facility which remained in operation throughout construction. Project Budget $14,000,000.

19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

19b(1) RELEVANT PROJECT - TITLE AND LOCATION *(City and State):* Middlebrook Pre-Kindergarten Trumbull, CT

19b(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: Construction Manager – Project Superintendent

19b(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION *(If applicable): 2006*

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION *(Brief scope, size, cost etc.)* AND SPECIFIC ROLE:
Project Management - 24,000 sf new facility on the Middlebrook Elementary School Campus. Project Budget : $7,600,000.

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

19c(1) RELEVANT PROJECT - TITLE AND LOCATION *(City and State): Weshill Agri-Science Stamford, CT*

19c(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: General Contractor – Project Superintendent

19c(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION *(If applicable): 2003*

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION *(Brief scope, size, cost etc.)* AND SPECIFIC ROLE: $40,000 sf facility constructed on the Westhill High School campus. The Agri-Science building consisted of a greenhouse, science labs, fish growth labs, carpentry labs, auto labs, and supplemental classroom space. Project Budget $7,900,000.

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm:

19d(1) RELEVANT PROJECT - TITLE AND LOCATION *(City and State): University of New Haven – Student Center West Haven, CT*

19d(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: General Contractor – Project Superintendent

19d(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION *(If applicable):* 2003

19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION *(Brief scope, size, cost etc.)* AND SPECIFIC ROLE: Complete Renovation of the Student Center completed over three summer recess breaks. 12,000sf renovation of servery, cafeteria, supplemental offices, and conference rooms. Project budget $3,400,000.

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Greg Raucci	Owner	X	X	X	X	X	X				
Jeff Raucci	Owner in Charge/ Project Executive			X	X	X					
Ron Leonardo	Chief Estimator	X	X	X	X	X	X				
Dave Funaro	Project Executive/Project Manager					X					
Ron Rossomondo	Project Superintendent		X	X		X					
Mary Lisi	Account Manager	X	X	X	X	X	X				

29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Regional Vocational Aquaculture School	6	**Trumbull High School Expansion Phase I and II**
2	**5 Elementary School Repair Project, Central High School, Wilbur Cross Elementary School, Bassick High School, Roosevelt Elementary School**	7	
3	**Good Shepard Pre School**	8	
4	**Middlebrook Elementary Pre School**	9	
5	**East Shore Middle School (Current)**	10	

H. ADDITIONAL INFORMATION

29. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED:

9. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

30. SIGNATURE OF AUTHORIZED REPRESENTATIVE: 

31. DATE SIGNED: June 14, 2013

32. NAME AND TITLE OF SIGNER: Gregory M. Raucci, President

. F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

A. EXAMPLE PROJECT KEY NUMBER: **1**

B. TITLE AND LOCATION (*City and State*): *Regional Vocation Aquaculture School, Bridgeport, CT*

C. YEAR COMPLETED - PROFESSIONAL SERVICES: Thru September, 2010 CMA

D. YEAR COMPLETED - CONSTRUCTION *(If applicable): Scheduled August, 2010*

23a. PROJECT OWNER'S INFORMATION - PROJECT OWNER: City of Bridgeport

23b. PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: Robert Hedman

23c. PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: 1-203-576-7984

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost):* Infrastructure renovations to existing building as well as 30,000 sf addition to existing facility. $16,397,000

25. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
Certified Paychex Systems	Hamden, CT	Certified Payroll
Project Controls, Inc.	Johnston, RI	Scheduling

E. EXAMPLE PROJECT KEY NUMBER: **2**

F. TITLE AND LOCATION (*City and State*): *5 Elementary School Repair Project – Central High School, Wilbur Cross Elementary School,*

Bassick High School, Roosevelt Elementary School, Bridgeport, CT

G. YEAR COMPLETED - PROFESSIONAL SERVICES: 2009 CMA

H. YEAR COMPLETED - CONSTRUCTION *(If applicable): 2009*

23a. PROJECT OWNER'S INFORMATION - PROJECT OWNER: City of Bridgeport

23b. PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: Robert Hedman

23c. PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: 1-203-576-7984

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost):* Repair and Renovation to 5 Schools, $8,000,000

25. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
Bismark Construction Company	Milford, CT	CM

I. EXAMPLE PROJECT KEY NUMBER: 3

J. TITLE AND LOCATION (*City and State Good Shepard Pre School, Milford, CT*

K. YEAR COMPLETED - PROFESSIONAL SERVICES: 2008 CM@Risk

L. YEAR COMPLETED - CONSTRUCTION *(If applicable): 2008*

23a. PROJECT OWNER'S INFORMATION - PROJECT OWNER: Good Shepard Daycare

23b. PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: Gloria Hayes

23c. PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: 1-203-874-8232

25. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost):*
15,000 sf state of the art daycare center constructed under LEEDs Silver Certification

25. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
Bismark Construction Company	Milford, CT	CM

M. EXAMPLE PROJECT KEY NUMBER: 4

N. TITLE AND LOCATION (*City and State Middlebrook Preschool, Trumbull, CT*

O. YEAR COMPLETED - PROFESSIONAL SERVICES: 2005

P. YEAR COMPLETED - CONSTRUCTION *(If applicable): 2005*

23a. PROJECT OWNER'S INFORMATION - PROJECT OWNER: Town of Trumbull

23b. PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: Bob Chimini

23c. PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: 1-203-952-5042

26. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost):*
24,000 sf building construction on the campus of Middlebrook Elementary School.

25. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
Bismark Construction Company	Milford, CT	CM

Q. EXAMPLE PROJECT KEY NUMBER: 5

R. TITLE AND LOCATION (*City and State East Shore Middle School*

S. YEAR COMPLETED - PROFESSIONAL SERVICES:

T. YEAR COMPLETED - CONSTRUCTION *(If applicable): Current*

23a. PROJECT OWNER'S INFORMATION - PROJECT OWNER: City of Milford

23b. PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: Cathy Williams

23c. PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: 1-203-783-3559

27. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost):*
Renovation and Additions of existing facility.

25. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
Bismark Construction Company	Milford, CT	GC

U. EXAMPLE PROJECT KEY NUMBER: 6

V. TITLE AND LOCATION (*City and State Trumbull High School Expansion Phase I and II, Trumbull, CT*

W. YEAR COMPLETED - PROFESSIONAL SERVICES:

X. YEAR COMPLETED - CONSTRUCTION *(If applicable): 2007*

23a. PROJECT OWNER'S INFORMATION - PROJECT OWNER: Town of Trumbull CT

23b. PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: Ralph Iassogna

23c. PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: 1-203-452-4301

28. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost):*
35,000 sf expansion to existing structure

25. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
Bismark Construction Company	Milford, CT	CM@Risk

ARCHITECT-ENGINEER QUALIFICATIONS

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

1. SOLICITATION NUMBER *(If any):RFQ – COB 2013-#4*

2a. FIRM (OR BRANCH OFFICE) NAME: Bismark Construction Company, Inc.

2b. FIRM (OR BRANCH OFFICE) STREET: 100 Bridgeport Avenue

2c. FIRM (OR BRANCH OFFICE) CITY: Milford

2d. FIRM (OR BRANCH OFFICE) STATE: CT

2e. FIRM (OR BRANCH OFFICE) ZIP CODE: 06460

3. YEAR ESTABLISHED: 1982

4. DUNS NUMBER:

5a. OWNERSHIP - TYPE: Corporation

5b. OWNERSHIP - SMALL BUSINESS STATUS: Federal Small Business

6a. POINT OF CONTACT NAME AND TITLE: Gregory M. Raucci / Jeffrey J. Raucci

6b. POINT OF CONTACT TELEPHONE NUMBER: O: 203-876-8331 C: 203-410-5401

6c. POINT OF CONTACT E-MAIL ADDRESS: gmraucci@bismarkconstruction.com
jraucci@bismarkconstruction.com

7. NAME OF FIRM *(If block 2a is a branch office):*

8a. FORMER FIRM NAME(S) *(If any)*	8b. YR. ESTABLISHED	8c. DUNS NUMBER
N/A		

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c(1). No. of Employees - Firm	c(2). No. of Employees - Branch
02	Admin	8	
15	Construction Inspection	1	
18	Estimates	3	
16/48	Project Management	10	
53	Schedule	1	
51	Safety Officer	1	
	Other Employee		

1. **PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS**

a. Profile Code	b. Experience	c. Revenue Index
02	Administration	8
15	Construction Inspections	1
18	Estimates	3
16/48	Project manager / Construction Manager	10
53	Scheduler	1

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,00
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS
(Insert revenue index number shown above)

11a. Federal Work: 4

11b. Non-Federal Work: 8

11c. Total Work: 8

12. **AUTHORIZED REPRESENTATIVE. The foregoing is a statement of facts.**

12a. SIGNATURE: 

12b. DATE SIGNED: 6/14/13

EXPERIENCE MODIFYING RATING

2012 – 2013	. 82
2011 - 2012	.78
2010 - 2011	.87
2009 – 2010	.86

This safety record is based on actual field hours work as Bismark is a full service firm with exposure beyond CM services. This is a proven indicator of safety.

Risk Name: **BISMARK CONSTRUCTION CO INC**	Risk ID **060367494**
Address: **100 BRIDGEPORT AVE MILFORD, CT 06460-3932**	
Governing State/Class Code: **CT/5022**	

Mod Factor

BISMARK CONSTRUCTION CO INC

Mod Factor

.82	Rating Effective Date: **8/17/2012** Production Date: **4/2/2012** Status: **FINAL** Remarks:

ARAP	FLARAP	SARAP	MAARAP
1.00			

Rating Comments

NONE

SAFETY POLICY STATEMENT

It is the policy of Bismark Construction Company Inc. that accident prevention shall be considered of primary importance in all phases of operation and administration. It is the intention of Bismark Construction Company, Inc. management to provide safe and healthy working conditions and to establish and insist upon safe practices at all times by all employees.

The prevention of accidents is an objective affecting all levels of our company and its operation. It is, therefore, a basic requirement that each supervisor make the safety of all employees an integral part of his or her regular management function. It is equally the duty of each employee to accept and follow established safety regulations and procedures.

Every effort will be made to provide adequate training to employees. However, if an employee is ever in doubt about how to do a job or task safely, it is his or her duty to ask a qualified or competent person for assistance. Employees are expected to assist management in accident prevention activities. Unsafe conditions must be reported immediately. Fellow employees that need help should be assisted.

Every injury that occurs on the job, even a slight cut or strain, must be reported to management and/or the company Safety Officer as soon as possible. Under no circumstances, except emergency trips to the hospital, should an employee leave the work site without reporting an injury.
Please work safely; it is everyone's business.

Gregory M. Raucci, President

Jeffrey J. Raucci, Vice President

Bismark's Entire Safety Program Available Upon Request

Prequalified Vendor Search Details

DAS Contractor Prequalification Vendor Certificate

Prequalified Vendor Search Details

Page Help

Company Name	Bismark Construction Company, Inc.
DBA	
Address 1	100 Bridgeport Avenue
Address 2	
City, State, Zip	Milford, CT 06460
Web Address	www.bismarkconstruction.com
Business Type	Corporation

Contact(s)

Contact Name	Phone/FAX	Email
Gregory M. Raucci	**Phone#:** (203) 876-8331 **FAX#:** (203) 876-8425	gmraucci@bismarkconstruction.com

Contractor Prequalification Status

Expiration Date	Single Project	AWC
10/3/2013	$45,000,000.00	$60,000,000.00

Prequalification Classification(s)

Classification	Description
CONCRETE	Installation, renovation, repair and maintenance of cast in place concrete structures including foundations and structural concrete components including such incidental or related work as is customarily performed by those in the concrete trade.
CONSTRUCTION MANAGER AT RISK (GROUP C)	The undertaking of general contracts for the construction of buildings (i.e. new construction, renovation, rehabilitation, alteration, addition, etc.). The contract must include a variety of construction practices and supervision of a minimum of three sub-trades. Includes buildings that are truly custom, requiring extensive detailing, or that have large amounts of integrated scientific or complex mechanical/electrical equipment in order for them to function. Examples include hospitals, chemistry buildings, special collections buildings, historic preservation to a landmark structure, and/or any other structure that is truly one of a kind within the State's inventory. The construction manager at risk serves as a general contractor and provides consultation regarding construction during the design of the building and through the construction. Note: If you are prequalified for Construction Manager at Risk under Group C, you are automatically prequalified for Group A and Group B. To prequalify for Construction Manager at Risk under Group C, you must have a Major Contractor Registration through the State of Connecticut Department of Consumer Protection.

GENERAL BUILDING CONSTRUCTION (GROUP C)	The undertaking of general contracts for the construction of buildings (i.e. new construction, renovation, rehabilitation, alteration, addition, etc.). The contract must include a variety of construction practices and supervision of a minimum of three sub-trades. Includes buildings that are truly custom, requiring extensive detailing, or that have large amounts of integrated scientific or complex mechanical/electrical equipment in order for them to function. Examples include hospitals, chemistry buildings, special collections buildings, historic preservation to a landmark structure, and/or any other structure that is truly one of a kind within the State's inventory. Note: If you are prequalified for General Building Construction under Group C, you are automatically prequalified for Group A and Group B. Also if you are prequalified for General Building Group C you will automatically be prequalified for General Trades. To prequalify for General Building Construction under Group C, you must have a Major Contractor Registration through the State of Connecticut Department of Consumer Protection.
GENERAL TRADES	The undertaking of general contracts for the construction and/or supervision of several sub-trades but not the construction of buildings as described in General Building Construction. The contract must include a variety of construction practices and supervision of a minimum of three sub-trades. The work of this category is intended for the interior finishes of a building.

License(s)

License#	Trade	Expire
# 0900058	Major Contractor's License	6/30/2013

This certificate prequalifies the named company to bid solely. It is not a statement of the company's capacity to perform a specific project. That responsibility lies with the awarding authority.

Company Licenses/Registrations: It is the contractor's responsibility to update their licensure information by editing their electronic application. Licensure is confirmed by the DAS at time of initial application and at each renewal.

It is the Department of Administrative Services' (DAS) recommendation that all awarding authorities verify the above information by visiting the DAS Prequalification website.

For information regarding the DAS Contractor Prequalification Program visit the above mentioned website or call (860) 713-5280.

STATE OF CONNECTICUT ✦ DEPARTMENT OF CONSUMER PROTECTION

Be it known that

BISMARK CONSTRUCTION CO INC

100 BRIDGEPORT AVE

MILFORD, CT 06460

is certified by the Department of Consumer Protection as a

MAJOR CONTRACTOR

Registration #MCO.0900058

Effective: 07/01/2012

Expiration: 06/30/2013

William M. Rubenstein, Commissioner

Black Rock School
Brewster Street, Bridgeport, Ct.
Project # 015-0172 EA/PS

BISMARK CONSTRUCTION
BUILDIERS / CONTRUCTION MANAGERS
203-876-8331 / 203-876-8425

ARCH/ENG Newman Archichord Architects
DATED June 6, 2012
CMA BISMARK CONSTRUCTION COMPANY

6/6/2012

	DESCRIPTION		DIVISION OF WORK SUBTOTALS
1000	GENERAL CONDITIONS	$	287,800.00
1100	RESIDENCE / REMEDIATION	$	112,000.00
2200	DEMOLITION	$	183,625.00
2300	SITE WORK	$	1,462,700.60
3000	CONCRETE WORK	$	254,000.00
4000	MASONRY	$	487,360.00
5000	STEEL WORK	$	556,700.00
6000	WOOD AND PLASTIC	$	178,000.00
7000	THERMAL AND MOISTURE	$	642,720.00
8710	DOORS / FRAMES / HARDWARE	$	480,960.00
9260	FINISHES	$	470,228.00
10000	SPECIALTIES	$	52,455.00
1100	EQUIPMENT	$	50,750.00
12000	FURNISHINGS	$	14,810.00
14000	ELEVATOR SYSTEMS	$	85,000.00

15000	MECANICAL			$	1,321,875.00
16000	Electrical			$	750,000.00
	BUILDING - TOTAL			$	7,390,983.60
	BUILDING - TOTAL			$	7,390,983.60
	City of Bpt. Building Permit Fee:		$0.00	$	-
	State of Ct. Permit Fee:		$0.00	$	-
	Trade Contractors Bond Premium:		$18.00	$	133,037.70
	Owners Builders Risk Policy:			$	-
	G & L Pollution Insurance			$	-
		ESTIMATED ACTUAL BUILDING COST:		$	7,524,021.30
	Escalation Contingency (1%)	1%	$ 75,240.21		
	Construction Contingency (5%)	5%	$ 376,201.07		
	Design Contingency (5%)	5%	$ 376,201.07		
		SUBTOTAL CONTINGENCY'S:		$	827,642.34
		SUBTOTAL:		$	8,351,663.65
	CM - Pre Construction Fee:		$ 34,000.00		
	CM FEE	1.10%	$ 82,764.23		
	CM - General Conditions		$ 636,403.00		
		SUBTOTAL CM COST:		$	753,167.23
	TOTAL COST WITH MARKUPS & CONTINGENCY:			$	9,104,830.88
	COST PER SQUARE FOOT WITH CONTINGENCY:			$	*485.59*
	COST PER SQUARE FOOT LESS CONTINGENCY:			$	*434.35*

PROJECT *Black Rock School*
Schematic Design Phase Estimate

Project # 015-0172 EA/PS

Bismark Construction Company, Inc
Construction Managers

ARCHITECT *Newman Archichord Architects*
DATED

PROJECT DURATION: 14 MONTHS
New Construction: 14 Months
Infrastructure M /E: 14 Months

BISMARK CONSTRUCTION COMPANY
Schematic Design Phase Estimate

Item No.	DESCRIPTION	QUAN	U/M	MATERIAL TOTAL	LABOR TOTAL	EQUIPMENT TOTAL	UNIT COST	TOTAL AMOUNT
1000	**GENERAL CONDITIONS**							
	DAILY CLEANING	800	hrs	$ 44,000.00	$ -	$ -	$ 55.00	$ 44,000.00
	CONSTRUCTION DEBRE REMOVAL	45	U	$ 33,750.00	$ -	$ -	$ 750.00	$ 33,750.00
	SURVEY LAYOUT	1	ls	$ 18,000.00	$ -	$ -	$ 18,000.00	$ 18,000.00
	DOCUMENT REPRODUCTION	14	m	$ 5,000.00	$ -	$ -	$ 357.14	$ 5,000.00
	STORAGE BOX	14	u	$ 11,000.00	$ -	$ -	$ 785.71	$ 11,000.00
	TEMPORARY TOILETS	14	m	$ 8,250.00	$ -	$ -	$ 589.29	$ 8,250.00
	TRASH CHUTE	1	u	$ 2,500.00	$ -	$ -	$ 2,500.00	$ 2,500.00
	PROJECT SIGN	1	ls	$ 3,500.00	$ -	$ -	$ 3,500.00	$ 3,500.00
	TEMPORARY WATER	1	m	$ -	$ -	$ -	$ -	$ -
	TEMPORARY POWER	14	m	$ 7,700.00	$ -	$ -	$ 550.00	$ 7,700.00
	TEMPORARY PROTECTION	14	m	$ 14,000.00	$ -	$ -	$ 1,000.00	$ 14,000.00
	TEMPORARY PERIM GUARDRAIL	400	lf	$ 2,400.00	$ 4,200.00	$ -	$ 16.50	$ 6,600.00
	TEMP LADDERS	1	ls	$ 1,500.00	$ -	$ -	$ 1,500.00	$ 1,500.00
	TEMP STAIR	4	m	$ 6,000.00	$ -	$ -	$ 1,500.00	$ 6,000.00
	TEMPORARY PARTITIONS	3,200	sf	$ 2,500.00	$ 3,000.00	$ 1,500.00	$ 2.19	$ 7,000.00
	SAFETY / OSHA	14	m	$ 20,000.00	$ -	$ -	$ 1,428.57	$ 20,000.00
	FINAL CLEANING SERVICE	18,000	sf	$ 9,900.00	$ -	$ -	$ 0.55	$ 9,900.00
	FINAL CLEANING SITE AREA	1	acres	$ 2,600.00	$ 4,500.00	$ 5,000.00	$ 12,100.00	$ 12,100.00
	SMALL TOOLS	1	ls	$ 4,500.00	$ -	$ -	$ 4,500.00	$ 4,500.00
	TEMPORARY HEATING	1	ls	$ 22,000.00	$ 4,500.00	$ -	$ 26,500.00	$ 26,500.00
	ON SITE CONSTRUCTION SECURITY	1	ls	$ -	$ -	$ -	$ -	$ -
	TEMP.PROJECT FENCING	4,000	lf	$ 18,000.00	$ -	$ -	$ 5.50	$ 18,000.00
	SPECIAL INSPECTIONS	10	m	$ 28,000.00	$ -	$ -	$ 2,800.00	$ 28,000.00
						1000 - General Requirements - Total:		**$ 287,800.00**

1100 Residence Removal/remediation

1101	Demolition houses & garages	1	ls	$	97,000.00	$	-	$	-	$	97,000.00
	Testing / clearences	1	ls	$	15,000.00	$	-	$	-	$	15,000.00

1100 - ABATEMENT - TOTAL: $ 112,000.00

2200 DEMOLITION

2270	Interior demolition										
	Ceiling removal and reinstallation with interior M/E work	4,500	sf	$	14,625.00	$	-	$	3.25	$	14,625.00
	1st INTERIOR MASONRY PARTITIONS:	1	ls	$	18,000.00	$	-	$	18,000.00	$	18,000.00
	Misc. interior removals	1	ls	$	22,000.00	$	-	$	22,000.00	$	22,000.00
2221	Building Demolition	1	ls	$	129,000.00	$	-	$	129,000.00	$	129,000.00

2200 - Demolition - Total: $ 183,625.00

2300 SITEWORK

2302	Site general conditions	1	ls	$	35,000.00	$	-	$	35,000.00	$	35,000.00
2303	Erosion Control	1	ls	$	13,000.00	$	-	$	13,000.00	$	13,000.00
2311	Utility Work - Service Charges									$	-
	Sanitary Service	1	ls	$	5,000.00	$	-	$	5,000.00	$	5,000.00
	Gas Service	1	ls	$	1,000.00	$	-	$	1,000.00	$	1,000.00
	Water Service	1	ls	$	15,000.00	$	-	$	15,000.00	$	15,000.00
	Electrical -Utility Relocation Electrical sub station at street pole	1	ls	$	50,000.00	$	-	$	50,000.00	$	50,000.00
2314	Site Improvements									$	-
	Bike Rack	1	ls	$	2,500.00	$	-	$	2,500.00	$	2,500.00
	Fencing at retaining walls	1	ls	$	9,000.00	$	-	$	9,000.00	$	9,000.00
	Benches / misc. items	1	ls	$	3,000.00	$	-	$	3,000.00	$	3,000.00
	Site signage	1	ls	$	5,900.00	$	-	$	5,900.00	$	5,900.00
	Line Striping	1	ls	$	2,500.00	$	-	$	2,500.00	$	2,500.00
	Replace Existing Fencing	1	ls	$	24,150.00	$	-	$	24,150.00	$	24,150.00
2315	Landscaping	1	ls	$	30,000.00	$	-	$	30,000.00	$	30,000.00
2230	Site Clearing/unclassified/roads/walks etc...	1	ls	$	138,000.00	$	-	$	138,000.00	$	138,000.00
2231	Tree Protection and Trimming	1	ls	$	5,000.00	$	-	$	5,000.00	$	5,000.00
2240	Dewatering	1	ls	$	3,000.00	$	-	$	3,000.00	$	3,000.00
2300	Earthwork	1	ls	$	66,000.00	$	-	$	66,000.00	$	66,000.00
	Shoring & Underpinning at existing north west corner	1	ls	$	220,000.00	$	-	$	220,000.00	$	220,000.00
2510	Water Distribution	1	ls	$	58,900.00	$	-	$	58,900.00	$	58,900.00
2530	Sanitary Sewage	1	ls	$	90,000.00	$	-	$	90,000.00	$	90,000.00
2553	Natural Gas Distribution	1	ls	$	9,000.00	$	-	$	9,000.00	$	9,000.00
2554	Electrical service distribution	1	ls	$	9,000.00	$	-	$	9,000.00	$	9,000.00
2555	Fuel Oil Tank allowance to test lines	1	ls	$	4,000.00	$	-	$	4,000.00	$	4,000.00
2620	Sub drainage	1	ls	$	5,000.00	$	-	$	5,000.00	$	5,000.00

2630	Storm Drainage	1	ls	$	85,000.00	$	-	$	-	$	85,000.00	$ 85,000.00
	Water Management system	2,880	sf	$	109,440.00	$	-	$	-	$	38.00	$ 109,440.00
2741	Hot Mix Asphalt Pavement - School Street	10,450	sf	$	44,935.00	$	-	$	-	$	4.30	$ 44,935.00
	Hot Mix Asphalt Pavement - Services rd/parking/munic.lot	20,840	sf	$	85,235.60	$	-	$	-	$	4.09	$ 85,235.60
2711	Foundation Drainage Pavement	240	ls	$	1,440.00	$	-	$	-	$	6.00	$ 1,440.00
2768	Concrete Pavement - sidewalks	6,500	sf	$	60,125.00	$	-	$	-	$	9.25	$ 60,125.00
	Concrete Aprons	380	sf	$	3,515.00	$	-	$	-	$	9.25	$ 3,515.00
2780	Concrete retaining walls	1	ls	$	144,000.00	$	-	$	-	$	144,000.00	$ 144,000.00
	Concrete stairs	1	ls	$	22,000.00	$	-	$	-	$	22,000.00	$ 22,000.00
	Concrete HC Ramps	1	ls	$	3,200.00	$	-	$	-	$	3,200.00	$ 3,200.00
	Tactile warning surfaces	260	sf	$	12,480.00	$	-	$	-	$	48.00	$ 12,480.00
2781	Granite Curbing	-	ls	$	-	$	-	$	-	$	-	$ -
2782	Concrete Curbing	1,850	lf	$	48,100.00	$	-	$	-	$	26.00	$ 48,100.00
2791	Playground Surface System Mulch or Rubber	1	ls	$	-	$	-	$	-	$	-	$ -
2881	Playground Equipment and Structures	1	ls	$	-	$	-	$	-	$	-	$ -
2821	Chain Link Fence	1	ls	$	34,000.00	$	-	$	-	$	34,000.00	$ 34,000.00
2780	Lawns and Grasses	6,000	sf	$	5,280.00	$	-	$	-	$	0.88	$ 5,280.00
									2300 - SITEWORK - total:			**$ 1,462,700.60**

3000 CONCRETE WORK

3300	Cast in Place Concrete	1	ls	$	240,000.00	$	-	$	-	$	240,000.00	$ 240,000.00
3542	Cement Based Underlayment (exist'g classrm space)	2,000	sf	$	14,000.00	$	-	$	-	$	7.00	$ 14,000.00
									03000 - Concrete - Total:			**$ 254,000.00**

4000 MASONRY

4115	FACE BRICK ALLOWANCE	1	ls	$	79,320.00	$	193,000.00	$	-	$	272,320.00	$ 272,320.00
4210	INTERIOR CMU PARTITIONS	1	ls	$	-	$	-	$	-	$	-	$ -
4270	CAST STONE MASONRY	1	ls	$	-	$	-	$	-	$	-	$ -
4812	Unit Masonry 8" -CMU	1	ls	$	74,520.00	$	140,520.00	$	-	$	215,040.00	$ 215,040.00
									04000 MASONRY TOTAL:			**$ 487,360.00**

5000 STEEL WORK

5210	**STRUCTURAL STEEL**	18,750	sf	$	421,875.00	$	-	$	-	$	421,875.00
5310	STEEL DECK	1	ls	$	-	$	-	$	-	$	-
5400	COLD-FORMED METAL FRAMING	1	ls	$	-	$	-	$	-	$	-
5500	**METAL FABRICATION**	18,750	sf	$	28,125.00	$	-	$	-	$	28,125.00
5521	PIPE AND TUBE RAILINGS	1	ls	$	20,000.00	$	-	$	-	$	20,000.00
5530	GRATINGS	1	ls	$	-	$	-	$	-	$	-
5580	FORMED-METAL FABRICATION	1	ls	$	-	$	-	$	-	$	-
5700	ORNAMENTAL METAL HANDRAILS AND RAILINGS	1	ls	$	25,000.00	$	-	$	-	$	25,000.00
5712	STRAIGHT RUNS STAIRS	1	ls	$	48,000.00	$	-	$	-	$	48,000.00
5800	EXPANSION JOINTS	1	ls	$	7,500.00	$	6,200.00	$	-	$	13,700.00
										$	13,700.00
									5000 - STEEL WORK:	**$**	**556,700.00**

6000 WOOD AND PLASTIC

6100	ROUGH CARPENTRY	1	ls	$	18,000.00	$	-	$	-	$	18,000.00
6105	MISCELLANEOUS CARPENTRY	1	ls	$	10,000.00	$	-	$	-	$	10,000.00
6401	INTERIOR WOOD WALL PANELS	1,000	sf	$	25,000.00	$	-	$	-	$	25,000.00
6402	INTERIOR ARCHITECTURAL WOODWORK	1	ls	$	125,000.00	$	-	$	-	$	125,000.00
									06000 - Woods and Plastic	**$**	**178,000.00**

7000 THERMAL AND MOISTURE

7190	GRAFETI WATER REPELLANTS	1	ls	$	12,000.00	$	-	$	-	$	12,000.00
7160	BITUMINOUS DAMPROOFING	1	ls	$	-	$	-	$	-	$	-
7210	BUILDING INSULATION	1	ls	$	2,180.00	$	8,320.00	$	-	$	10,500.00
7420	WALL PANELS	7,800	sf	$	257,400.00	$	-	$	-	$	257,400.00
	THERMOSETTING PHENOLIC COATED PANELS	1	ls	$	-	$	-	$	-	$	-
	IMPACT RESISTANT METAL PANELS	1	ls	$	-	$	-	$	-	$	-
	ZINC PANELS	1	ls	$	-	$	-	$	-	$	-
7511	PVC ROOFING SYSTEM	1	ls	$	255,000.00	$	-	$	-	$	255,000.00
	GREEN ROOF PAVERS	1	ls	$	64,000.00	$	-	$	-	$	64,000.00
	GREEN ROOF									$	-
7620	SHEET METAL FLASHING AND TRIM	1	ls	$	-	$	-	$	-	$	-
7716	ROOF EXPANSION ASSEMBLIES	1	ls	$	-	$	-	$	-	$	-
7810	ALUMINUM AND GLASS SKYLIGHTS	1	ls	$	-	$	-	$	-	$	-
7811	SPRAYED FIRE-RESTISTIVE MATERIALS	1	ls	$	25,000.00	$	-	$	-	$	25,000.00
7842	FIRESAFING	1	ls	$	540.00	$	1,280.00	$	-	$	1,820.00
7920	JOINT SEALANTS	1	ls	$	17,000.00	$	-	$	-	$	17,000.00
									07000 - Thermal and Moisture	**$**	**642,720.00**

8710 DOORS / FRAMES / HARDWARE

8110	STEEL FRAMES - single	15	u	$	2,700.00	$	1,920.00	$ -	$	308.00	$ 4,620.00
8111	STEEL FRAMES - double	20	u	$	2,600.00	$	1,600.00	$ -	$	210.00	$ 4,200.00
8123	STEEL FRAMES - sidelite	10	u	$	3,000.00	$	1,920.00	$ -	$	492.00	$ 4,920.00
8123	STEEL DOORS	16	u	$	6,000.00	$	10,420.00	$ -	$	1,026.25	$ 16,420.00
8126	INTERIOR ALUMINUM FRAMES	-	u	$	-	$	-	$ -	$	-	$ -
8211	FLUSH WOOD FRAMES	36	u	$	11,700.00	$	17,280.00	$ -	$	805.00	$ 28,980.00
8212	FRP DOORS	8	u	$	14,400.00	$	5,120.00	$ -	$	2,440.00	$ 19,520.00
8410	ALUMINUM ENTRANCES AND STORE FRONTS	1	ls	$	-	$	-	$ -	$	-	$ -
	METALLIC (3-COAT) FINISH	1	ls	$	-	$	-	$ -	$	-	$ -
8520	Aluminum CURTAIN WALL AND ENTRANCES	1	ls	$	353,000.00	$	-	$ -	$	353,000.00	$ 353,000.00
	METALLIC (3-COAT) FINISH	1	ls	$	-	$	-	$ -	$	-	$ -
8710	DOOR HARDWARE	1	ls	$	40,000.00	$	4,500.00	$ -	$	44,500.00	$ 44,500.00
	MORTICE HARDWARE, LEVER HANDLES, TYPICAL	1	ls	$	-	$	-	$ -	$	-	$ -
8716	POWER DOOR OPERATORS										
8800	GLAZING	1	ls	$	4,800.00	$	-	$ -	$	4,800.00	$ 4,800.00
	1" LOW E AT EXTERIOR LOCATIONS	1	ls	$	-	$	-	$ -	$	-	$ -
	TEMPERED GLASS TYPICAL	1	ls	$	-	$	-	$ -	$	-	$ -

08710 - DOORS $ 480,960.00

9260 FINISHES

9670	GYM FLOOR (maple wood flooring)	3,320	sf	$	38,180.00	$	-	$ -	$	11.50	$ 38,180.00
	PLATFORM (MAPLE WOOD FLOORING)	320	sf	$	3,680.00	$	-	$ -	$	11.50	$ 3,680.00
9670	EPOXY FLOORING	1	u	$	10,600.00	$	-	$ -	$	10,600.00	$ 10,600.00
9260	GYPSUM BOARD ASSEMBLIES	1	u	$	52,200.00	$	15,680.00	$ -	$	67,880.00	$ 67,880.00
	GYPSUM BOARD and exterior sheathing	1	u	$	31,668.00	$	59,520.00	$ -	$	91,188.00	$ 91,188.00
9510	TOILET ROOMS - EPOXY	800	sf	$	9,500.00	$	-	$ -	$	9,500.00	$ 9,500.00
9511	ACOUSTICAL PANEL CEILINGS	20,000	sf	$	70,000.00	$	-	$ -	$	3.50	$ 70,000.00
	DECORATIVE WOOD CEILINGS	2,000	sf	$	20,000.00	$	-	$ -	$	10.00	$ 20,000.00
9580	SUSPENDED DECORATIVE GRIDS	2,000	SF	$	16,000.00	$	-	$ -	$	8.00	$ 16,000.00
9651	RESILENT TILE FLOORING	14,000	sf	$	45,500.00	$	-	$ -	$	3.25	$ 45,500.00
	RUBBER TREADS	725	lf	$	8,700.00	$	-	$ -	$	12.00	$ 8,700.00
9653	RESILENT WALL BASE AND ACCESSORIES	-	u	$	-	$	-	$ -	$	-	$ -
9680	CARPET	-	u	$	-	$	-	$ -	$	-	$ -
9771	FABRIC-WRAPPED PANELS	20	u	$	24,000.00	$	-	$ -	$	1,200.00	$ 24,000.00
9900	PAINTING	1	ls	$	65,000.00	$	-	$ -	$	65,000.00	$ 65,000.00

9000 - FINISHES: $ 470,228.00

10000 SPECIALTIES

10100	VISUAL DISPLAY SURFACES	8	u	$	14,400.00	$	-	$	-	$	1,800.00	$	14,400.00
10155	TOILET COMPARTMENTS	8	u	$	10,260.00	$	-	$	-	$	1,285.00	$	10,280.00
10200	LOUVERS AND VENTS	1	u	$	5,000.00	$	-	$	-	$	5,000.00	$	5,000.00
10425	SIGNAGE	85	u	$	7,225.00	$	-	$	-	$	85.00	$	7,225.00
10520	FIRE PROTECTION DEVICES	3	u	$	1,350.00	$	-	$	-	$	450.00	$	1,350.00
10651	OPERABLE WALL	-	sf	$	-	$	-	$	-	$	-	$	-
10800	TOILET AND BATH ACCESSORIES (H/C)	1	u	$	8,900.00	$	-	$	-	$	8,900.00	$	8,900.00
10350	FLAGPOLE	-	u	$	-	$	-	$	-	$	-	$	-
10416	DIRECTORIES AND BULLETIN BOARDS	1	u	$	800.00	$	-	$	-	$	800.00	$	800.00
10671	METAL STORAGE SHELVING	3	rms	$	4,500.00	$	-	$	-	$	1,500.00	$	4,500.00

10000 - SPECIALTIES - TOTAL: $ 52,455.00

1100 EQUIPMENT

11330	RESIDENTIAL APPLIANCES	1	ls	$	1,500.00	$	-	$	-	$	1,500.00	$	1,500.00
11710	GYM WALL PADS	750	sf	$	8,250.00	$	-	$	-	$	11.00	$	8,250.00
11900	MISCELLANEOUS EQUIPMENT	1	ls	$	5,000.00	$	-	$	-	$	5,000.00	$	5,000.00
11457	TELEVISION UNITS AND ACCESSORIES	10	u	$	4,500.00	$	-	$	-	$	450.00	$	4,500.00
11550	SCIENCE LAB CASEWORK	1	u	$	18,000.00	$	3,500.00	$	-	$	21,500.00	$	21,500.00
11610	LABORATORY FUME HOOD	1	ls	$	10,000.00	$	-	$	-	$	10,000.00	$	10,000.00

11000 - EQUIPMENT - Total: $ 50,750.00

12000 FURNISHINGS

12480	ENTRANCE MATS	1	ls	$	3,500.00	$	-	$	-	$	3,500.00	$	3,500.00
12470	ELECTRIC DARKING SHADES	-	u	$	-	$	-	$	-	$	-	$	-
12490	WINDOW BLINDS	1,885	sf	$	11,310.00	$	-	$	-	$	6.00	$	11,310.00

12000 - Furnishings - Total: $ 14,810.00

14000 CONVEYING SYSTEMS

14240	HYDRAULIC ELEVATORS	1	m	$	85,000.00	$	-	$	-	$	85,000.00	$	85,000.00

14000 - CONVEYING SYSTEMS - Total: $ 85,000.00

15000 MECANICAL

15001	**HVAC**	18,750	sf	$ 862,500.00	$ -	$ -	$ 46.00	$ 862,500.00
15002	Mechanical General Conditions	-	-	$ -	$ -	$ -	$ -	$ -
15050	Basic Mechanical and Materials	-	-	$ -	$ -	$ -	$ -	$ -
15055	Motors	-	-	$ -	$ -	$ -	$ -	$ -
15060	Hangars and Supports	-	-	$ -	$ -	$ -	$ -	$ -
15071	Mechanical Vibration and Seismic Controls	-	-	$ -	$ -	$ -	$ -	$ -
15075	Mechanical Identification	-	-	$ -	$ -	$ -	$ -	$ -
15081	Duct Insulation	-	-	$ -	$ -	$ -	$ -	$ -
15082	Equipment Insulation	-	-	$ -	$ -	$ -	$ -	$ -
15083	Pipe Insulation Basic	-	-	$ -	$ -	$ -	$ -	$ -
15110	Valves	-	-	$ -	$ -	$ -	$ -	$ -
15121	Pipe Expansion Fitting	-	-	$ -	$ -	$ -	$ -	$ -
15122	Meters and Gages	-	-	$ -	$ -	$ -	$ -	$ -
15140	Domestic Water Piping	-	-	$ -	$ -	$ -	$ -	$ -
15150	Sanitary Waste and Vent Piping	-	-	$ -	$ -	$ -	$ -	$ -
15160	Storm Drainage Piping	-	-	$ -	$ -	$ -	$ -	$ -
15181	Hydronic Piping	-	-	$ -	$ -	$ -	$ -	$ -
15185	Hydronic Pumps	-	-	$ -	$ -	$ -	$ -	$ -
15189	HVAC Water Treatments- Glycol	-	-	$ -	$ -	$ -	$ -	$ -
15191	Fuel Oil Piping	-	-	$ -	$ -	$ -	$ -	$ -
15192	Fuel Oil Distribution	-	-	$ -	$ -	$ -	$ -	$ -
15194	Fuel Gas Piping	-	-	$ -	$ -	$ -	$ -	$ -
15221	Chemical Waste Piping	-	-	$ -	$ -	$ -	$ -	$ -
15300	Fire Suppression Piping	-	-	$ -	$ -	$ -	$ -	$ -
15301	Electric drive- Horizontal Fire Pumps	-	-	$ -	$ -	$ -	$ -	$ -
15302	Clean Agent Extinguishing System	-	-	$ -	$ -	$ -	$ -	$ -

15410	**PLUMBING**	18,750		-	$	337,500.00	$	-	$	-	$	18.00	$	337,500.00
15412	Emergency Plumbing Fixtures	-		-	$	-	$	-	$	-	$	-	$	-
15415	Drinking Fountains and Water Coolers	-		-	$	-	$	-	$	-	$	-	$	-
15430	Plumbing Specialties	-		-	$	-	$	-	$	-	$	-	$	-
15487	Domestic Water Heat Exchangers	-		-	$	-	$	-	$	-	$	-	$	-
15512	Water Tube Hot Water Boilers	-		-	$	-	$	-	$	-	$	-	$	-
15550	Breechings, Chimneys and Stacks	-		-	$	-	$	-	$	-	$	-	$	-
15626	Rotary Screw Water Chillers	-		-	$	-	$	-	$	-	$	-	$	-
15725	Modular Outdoor Air Handling Units	-		-	$	-	$	-	$	-	$	-	$	-
15764	Radiators	-		-	$	-	$	-	$	-	$	-	$	-
15766	Cabinets Unit Heaters	-		-	$	-	$	-	$	-	$	-	$	-
15767	Propeller Unit Heaters	-		-	$	-	$	-	$	-	$	-	$	-
15815	Metal Ducts	-		-	$	-	$	-	$	-	$	-	$	-
15820	Duct Accessories	-		-	$	-	$	-	$	-	$	-	$	-
15838	Power Ventilators	-		-	$	-	$	-	$	-	$	-	$	-
15845	Air Terminals	-		-	$	-	$	-	$	-	$	-	$	-
15855	Diffusers, Registers and Grilles	-		-	$	-	$	-	$	-	$	-	$	-
15900	HVAC Instrumental and Control	-		-	$	-	$	-	$	-	$	-	$	-
15940	HVAC Sequence of Operation	-		-	$	-	$	-	$	-	$	-	$	-
15950	Testing, Adjusting and Balancing	-		-	$	-	$	-	$	-	$	-	$	-
15990	**SPRINKLER WORK**	18,750	sf		$	121,875.00	$	-	$	-	$	6.50	$	121,875.00

15000 - Mechanical - Total: $ 1,321,875.00

16000 Electrical

16000	**ELECTRICAL WORK**	18,750	**sf**		$	693,750.00	$	-	$	-	$	37.00	$	693,750.00
16001	**ELECTRICAL WORK _secondary**	18,750	**sf**		$	56,250.00	$	-	$	-	$	3.00	$	56,250.00
	NEW GENERATOR	-	u		$	-	$	-	$	-	$	-	$	-

16010	Temporary Light and Power	1	LS	$	-	$	-	$	-	$	-	$ -
16050	Electrical Materials	1	LS	$	-	$	-	$	-	$	-	$ -
16055	Over current Protective Device Coordination	1	LS	$	-	$	-	$	-	$	-	$ -
16060	Grounding and Bonding	1	LS	$	-	$	-	$	-	$	-	$ -
16071	Seismic Controls for Electrical Work	1	LS	$	-	$	-	$	-	$	-	$ -
16075	Electrical Identification	1	LS	$	-	$	-	$	-	$	-	$ -
16080	Electrical Testing	1	LS	$	-	$	-	$	-	$	-	$ -
16120	Conductors and Cables	1	LS	$	-	$	-	$	-	$	-	$ -
16130	Raceway and Boxes	1	LS	$	-	$	-	$	-	$	-	$ -
16139	Cable Trays	1	LS	$	-	$	-	$	-	$	-	$ -
16140	Wiring Devices	1	LS	$	-	$	-	$	-	$	-	$ -
16145	Lighting Control Devices	1	LS	$	-	$	-	$	-	$	-	$ -
16231	Packaged Engine Generators	1	LS	$	-	$	-	$	-	$	-	$ -
16269	Variable Frequency Controllers	1	LS	$	-	$	-	$	-	$	-	$ -
16289	Transient Voltage Suppression	1	LS	$	-	$	-	$	-	$	-	$ -
16410	Enclosed Switches and Circuit Breakers	1	LS	$	-	$	-	$	-	$	-	$ -
16415	Transfer Switches	1	LS	$	-	$	-	$	-	$	-	$ -
16420	Enclosed Controllers	1	LS	$	-	$	-	$	-	$	-	$ -
16421	Variable Frequency Drive	1	LS	$	-	$	-	$	-	$	-	$ -
16441	Switchboards	1	LS	$	-	$	-	$	-	$	-	$ -
16442	Panel Boards	1	LS	$	-	$	-	$	-	$	-	$ -
16461	Dry-Type Transformer (600V and Less)	1	LS	$	-	$	-	$	-	$	-	$ -
16491	Fussed	1	LS	$	-	$	-	$	-	$	-	$ -
16511	Interior Lighting	1	LS	$	-	$	-	$	-	$	-	$ -
16521	Exterior Lighting	1	LS	$	-	$	-	$	-	$	-	$ -
16555	Stage Lighting	1	LS	$	-	$	-	$	-	$	-	$ -
16720	Fire Alarm Addressable System	1	LS	$	-	$	-	$	-	$	-	$ -
17000	TECHNOLOGY, PHONES, DATA	1	LS	$	-	$	-	$	-	$	-	$ -
									16000 - Electrical - Total:		**$**	**750,000.00**
	BUILDING - TOTAL	**18,750**	**sf**								**$**	**7,390,983.60**

PROJECT *Black Rock School*
Schematic Design Phase Estimate

Project #015-0172 EA/PS Alternate 7A - 2" ROOF INSULATION

Bismark Construction Company, Inc
Construction Managers

ARCHITECT *Newman Archichord Architects*
DATED

PROJECT DURATION: 14 MONTHS
New Construction: 14 Months
Infrastructure M /E: 14 Months

BISMARK CONSTRUCTION COMPANY
Schematic Design Phase Estimate

Item No.		DESCRIPTION	QUAN	U/M	MATERIAL TOTAL	LABOR TOTAL	EQUIPMENT TOTAL	UNIT COST	TOTAL AMOUNT
A	7000	**Roofing Alternate**							
		2"roof insulation over entire roof	1	ls	$ 18,000.00	$ -	$ -	$ 18,000.00	$ 18,000.00
							ALTERNATE # 7A: ADDITIONAL 2" ROOF INSULATION		$ **18,000.00**
		City of Bpt. Building Permit Fee:					$0.00		$ -
		State of Ct. Permit Fee:					$0.00		$ -
		Trade Contractors Bond Premium:					$18.00		$ 324.00
		Owners Builders Risk Policy:							$ -
		G & L Pollution Insurance							$ -
							ESTIMATED ACTUAL BUILDING COST:		$ **18,324.00**
		Escalation Cc	1%				$	183.24	
		Construction	5%				$	916.20	
		Design Conti	5%				$	916.20	
							SUBTOTAL CONTINGENCY'S:		$ **2,015.64**
							SUBTOTAL:		$ 20,339.64
		CM FEE	1.10%					$ 201.56	
		CM - General							
							SUBTOTAL CM COST:		$ 201.56
							TOTAL COST WITH MARKUPS & CONTINGENCY:		$ 20,541.20

	TOTAL COST WITH MARKUPS & CONTINGENCY: $ 171,747.29

Type	To	Request From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA	BISMARK	C004-2		Roofing Demo Clarifications		CLO	6/12/2009		6/19/2009
		The shingle roof details call for removing the roof down to the plywood substrate that is over the steel decking. The plywood substrate is to remain and the new nailboard is to be installed over the existing plywood. The problem we have is that there is insulation with a non vented nailboard under the plywood and should be removed. On Drawing A3.01 under Alt. No. 2 Roof Construction Types Detail "D" tells the roofer to remove and dispose of existing asphalt shingles, insulation, and underlayments but install all new materials on existing plywood and metal deck. Please clarify the extent of the roof demolition required.					Remove shingles and underlayments (building felt) down to the plywood to remain. Furnish and install 50 year Architectural shingles, on 30 lb. felt, on pre-fabricated composite vented nailable deck assembly (6" total thickness), consisting of 3/4" exterior grade plywood, on 1"x2" wood spaces @ 12" o.c., on 4-1/2: ISO insulation over plywood and insulation to remain.		
RFI	KBA	BISMARK	C005		Residential Appliances		CLO	5/12/2009		5/19/2009
		When the Bid Specifications were issued the Residential Appliances section was removed from the Specifications. Is the (1) Undercounter Refrigerator and the (1) Undercounter Dishwasher still required as shown in Detail 11 on A11.02 for Room C137?				Appliances shown on detail 11/A11.02 are for MEP rough-in reference only. Appliances will be provided in the FF&E phase.				
RFI	KBA	BISMARK	C006		Door C115B		CLO	5/12/2009	5/28/2009	5/19/2009
		In KBA Addendum #5 under Division 8 - Openings, it lists Door C115B to be changed to a LHR. There is no Door Opening C115B. Please Clarify. If you are referring to C114B to be changed to a LHR there will not be the required 2' on the pull side for code requirements.				Door C115B is not in project, therefore no changes are required. Door C114B to be installed per floor plan - bid documents.				
RFI	KBA	BISMARK	C007		Radiant Ceiling Panels		CLO	5/12/2009	5/28/2009	5/19/2009
		There is no designation where Details 5 and 8 on A2.03 occur throughout the Reflected Ceiling Plan on A2.03. Please provide a sketch clarifying where these Radiant Ceiling Panels occur on the Reflected Ceiling Plan.				Detail 8 occurs @ computer lab (C117) and resource center (C118), perimeter walls only. Detail 5 applies @ all other perimeter - radiant panel conditions except @ dormers.				
RFI	KBA	BISMARK	C008		Domestic Water Service Tie-In		CLO	5/26/2009	6/3/2009	6/15/2009
		Drawing P1.03 shows a 4" Domestic Water Service coming into the new building under the Can Wash Rm, C115. Where does the 4" Domestic Supply tie into the existing building? This is not shown on P1.01, Please provide a detail. 6/8/09 - The 4" Domestic Water Line Tie-In Location within the New Addition is clearly shown on the contract documents, the question being is "Where does the 4" Domestic Water Line tie into outside of the addition?" Is it to follow in the Trench and Tie into the Existing Mechanical Room A 111 like the Fire Protection and the Chilled / Hot Water Lines?				Please see attached response from Kohler Ronan dated 05/26/09				
RFI	KBA	BISMARK	C009		Toilet Type Substitution		CLO	6/3/2009	6/8/2009	6/10/2009
		Toilet Fixture tag W1 and W2 are floor mount type. It appears that adequate chase space exists to use chair carriers to serve wall mount type toilets on 1st floor area C. Can W1 and W2 be revised to wall mount type fixture, at no change in cost? This is usually preferred for easier cleaning. 2nd floor toilet rooms chase may be too small to accomodate carriers, but if chase can be enlarged these also could be substituted.				The use of wall mounted toilets is acceptable (at no cost to the Owner) in all toilet rooms that have CMU walls and adequate clearances, Contractor to coordinate. Toilet rooms with metal studs and gypsum walls are to be floor mounted as called for.				
RFI	KBA	BISMARK	C010		Louvers		CLO	6/3/2009	6/15/2009	6/10/2009
		Please review and coordinate Louver L03 as shown on Drawing A8.01 with Details 4/A5.02, and 7/A5.01. The sizes do not appear to be the same throughout each detail.				- Replace louver L03 in A/8.01 with detail SKA-03. - Louver shown in detail 7/A5.01 to be relabeled L01.				
RFI	KBA	BISMARK	C011		Revised Trench Drain		CLO	6/8/2009	6/8/2009	6/15/2009
		The revised trench drain model Josam 200 series has an effective pitch range for 32' of travel overall, but only 19' as restricted by the grade beam below. For the overall layout we can achieve pitch on the east / west branches, with the low point bottom at 1/4" above the grade beam, and the main north / south trench being flat, at 1/4" above the beam. Is this acceptable? The JR Smith equal has more possible pitch range but will still have flat portions, and is 4" wide interior, as compared to Josam 8" wide interior. We will make the outlet on the side of trench to not interfere with the beam, or beam can be boxed out to allow a sweep fitting below the trench. Which method is preferred?				Please see attached response from Kohler Ronan dated 06/08/09				

Type	To	Request From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA	BISMARK	C011-02		Trench Drain Layout		CLO	6/12/2009		6/19/2009
		The current layout from Josam on trench drain D# has about 40 meters worth as neutral (no slope) as stated in RFI-CO11. We or Josam are not able to know if this is "suited to meet the hatchery's requirements" as responded in RFI C003. Request for acceptability of the long run without any slope was not addressed. We suggest this be discussed at a job site meeting. We would like to verify trench details before formal submittal. Please see attached Sketch SK-KAY-1(P). Since the grade beam interferes with piping, and restricts possible slope we suggest changing layout of trench D3 and associated piping as follows, as shown on sketch: Delete 8" piping as shown serving D3 trench drain. Provide four outlets, one at west end of each east/west run, 4" pipe size each with a silt box. (RFI C003 states silt box not needed, this way they can be accommodated). Trench to be reconfigured to slope to these points. Form a 1" notch in top of grade beam along column D where trench crosses in 4 locations. Increase sanitary below room C135 to 6" size and continue to two 4" D3 outlets toward south of hatchery. Decrease sanitary below corridor C102 and lab prep rooms to 6" pipe size and continue to two 4" D3 outlets toward north of hatchery. Rise 4" vent from each 6" sanitary similar to original 4" vent at column line 6. 4" vent toward north pair of D3 to also serve floor drains in algae room and adjacent to algae room. Eliminate two 2" vents serving said floor drains at algae room. Vent sinks near southerly 4" vent branching from that vent and eliminate 2" vent across room C135. These changes will give D3 the most possible continuous slope and minimize neutral sections, and provide silt boxes. Please confirm D3 does not require trap primer. Please advise if changes are acceptable. Changes to be made at no change in cost.	Please see attached response from Kohler Ronan dated June 22, 2009				
RFI	KBA	BISMARK	C012		Science Labs Trench Piping		CLO	6/8/2009	6/15/2009	6/15/2009
		From James T. Kay: For water and gas piping in utility trenches in science labs we intend to transition from steel to CSST gas and from copper to pex water 1' from wall within the trench. We are to rise into island cabinets with pex and CSST and transition to valves in cabinet. Please confirm this is acceptable. The main drop risers are within CMU walls. 23 11 23 3.3R prohibits gas pipe in solid walls. We assume gas pipe will rise exposed outside the wall, Please confirm. Please confirm interior dimension of utility trench. We have 2" water and 3/4" gas with mechanical joints. We note that IT drawings show 1" conduit also in trench and are concerned about adequate room to install all items in trench. Please advise if any other items are being run in trench not listed above.	1. See attached response from Kohler Ronan. 2. Gas piping will be allowed and is to be installed within the cavity of the CMU walls, as shown on the plans. 3. See attached response from Kohler Ronan.				
RFI	KBA	BISMARK	C-012-2		RFI 012 Follow Up		CLO	7/27/2009	7/27/2009	8/3/2009
		This is follow up on verbal clarification in field with Kohler Ronan in reference to RFI-C012 The water and gas piping serving science lab island tables will rise up in CMU walls as PEX water and CSST gas materials and transition to copper and black pipe respectively in the ceiling. Please consider this the record of the direction received.	Per Peter S. Beltz, Kohler Ronan, 7/27/09 - The design intent is as indicated above. The change to black iron and copper occurs in the ceiling as per your e-mail.				
RFI	KBA	BISMARK	C013		Slab Penetrations		CLO	6/8/2009	6/8/2009	6/15/2009
		From James T. Kay: Ref Drawing P0.01 pipe seals note for slab on grade. Please confirm sleeves and seals are required at slab on grade penetrations. Please advise if this applies only to pipes, and not also encased items such as floor drains and floor clean outs.	Please see attached response from Kohler Ronan dated 06/08/09.				
RFI	KBA	BISMARK	C014		Dwg SKE 7.7 (EF-2)		CLO	6/11/2009	6/17/2009	6/18/2009
		On ASI #7, SKE 7.7 shows a change designation on exhaust fan EF-2. It appears to be the same designation as on the original bid drawing E1.05. Please Clarify.	Kohler Ronan's response is to disregard sketch SKE 7.7 issued in ASI#7.				

Type	To	Request	From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA		BISMARK	C015		Existing Equip. - B121 Pattern Shop		CLO	6/11/2009		6/18/2009
		There is an existing piece of equipment in Room B121 Pattern Shop located where the new mezzanine stairs are to be installed. This equipment requires direct feed power and we do not see a designated relocation on the contract drawings. Please forward direction as to where this equipment is to be moved and what provisions need to be made for its re-installation at the new location.					Pattern making machine is to be installed in the current location in the Boat Shop.				
RFI	KBA		BISMARK	C015-2		Power for Equipment in Pattern Shop		CLO	9/17/2009	10/12/2009	9/24/2009
		As per direction from C015 the piece of equipment will remain in its current location. The electrical panel closest to its new location does not have sufficient power to feed the piece of equipment. Please advise of where power should be attained.					See attached response from Kohler Ronan dated 10/09/09.				
RFI	KBA		BISMARK	C016		Piping Risers Above Grade Beams		CLO	6/12/2009	7/27/2009	6/19/2009
		Ref Sketch SK-KAY-2(P). There are many locations where plumbing risers drop into slab on grade which coincide with grade beams. In order to allow space for water stop sleeve in floor slab, the grade beam must have a notch formed in the top of beam to allow a sweep fitting and continuation of the pipe. Is it allowable to make these notches? Our shop drawing of the plumbing will identify all locations where this condition exists for the use of concrete work. We may be able to route some piping to alternate drop locations to avoid beams.					Conflicts are being addressed during on site coordination meetings with James T. Kay.				
RFI	KBA		BISMARK	C017		HVAC Piping Substitution		CLO	6/12/2009		6/19/2009
		Can grooved piping be used in lieu of butt welded for HVAC hot and chilled water in sizes above 2"? Note, "Hamfab" type insulation fittings are not made for grooved joint fittings, typical blanket fiberglass with zeston covers would be used.					Please see response from Kohler Ronan kated June 15,2009.				
RFI	KBA		BISMARK	C018		Existing Burried Manhole Uncovered		CLO	6/16/2009	8/3/2009	6/23/2009
		White excavating on site a Sanitary Manhole was found which comes from Captain's Cove and it ties into the existing RVAS Sanitary Manhole outside of Area B. The existing manhole cover is 3' below the existing grade, the invert is roughly 11' below the existing grade, and approximately 4' below top of pile cap. It falls between Lines J / L and between Lines 5.2 and 6. Please forward direction as to how this "Found" Pre Existing Sanitary Line and Manhole is to be dealt with? Please see attached pictures.					See attached sketch SKC-3				
RFI	KBA		BISMARK	C018-2		Found Manhole Updated		CLO	6/30/2009	8/3/2009	7/3/2009
		In reference to RFI C018 PJ's Construction has hired Connecticut Sewer Service to clean and scope the line to see where it went. It has been determined that the line is operational. It runs from Captain's Cove property through the project site in between Column Lines 5.2 and 6 on G line. Please advise how to maintain flow without running under the new addition. This manhole and sewer line is intruding on the pile driving process and needs to be addressed ASAP.					See attached sketch SKC-3				
RFI	KBA		BISMARK	C018-3		Site Conditions / Relocated Manhole		CLO	8/14/2009	9/1/2009	8/21/2009
		RFI C018-2 gives direction on what is required to relocate the existing "found" manhole. This will require site trenching on the Captain's Cove side of the property which is not within the footprint of our site. Please advise on how the existing soil condition on the Captain's Cove side are to be classified and handled.					Consult with Owner's Environmental Consultant Triton Environmental, Inc.				
RFI	KBA		BISMARK	C019		ASI 002-1 Roller Window Shades		CLO	6/17/2009		6/24/2009
		Per ASI 002-1 there is an add to the Section 12 24 13 Roller Window Shades. There is direction to ADD "Spring Roller Shades" on ALL classroom doors. Please verify if this section pertains to Existing Doors and New Doors. Does every Interior Door with a 3" lite, 8" lite, and 1/2 lite, or any other lite recieve a Spring Roller Shade? Shall the shades be outside mounted or inside mounted in relation to the lite frame?					All of spring roller shades are to be provide in each new classroom where a door lite occurs, including the stainless steel doors connecting the hatchery to the classrooms. Please reference specification section: 12 24 13 for types of mounting brackets.				

Type	To	Request	From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA		BISMARK	C021		Chiller / Ice Arrangement		CLO	6/22/2009		6/29/2009
		Ref Drawng M1.00 shoing placement of chiller and ice storage. Can the chiller position move west, nearest the building and ice tanks to the east of the chiller? There will be header piping across the front of all equipment in either case, including 3 way valve V-1. Note, ice tanks pending approval are 4 banks of 3 tanks each. They will be piped with reverse return header piping with 4 sets of isolation valves. Trane Company advises that this piping arrangement does not require balance valves on the branches to each bank. Please confirm isolation valves for each bank without balance valves is acceptable.						Please see attached response from Kohler Ronan dated June 30, 2009.				
RFI	KBA		BISMARK	C022		Expansion Tanks		CLO	6/22/2009	7/10/2009	6/29/2009
		Ref M1.01 and M4.02 Existing CHW expansion tank is shown to be removed and relocated on M1.01. A new CHW X - tank is being installed in Area C. A new 2nd Hot Water X-tank is being installed adjacent to existing HW X-tank as per M4.01. We assume existing CHW X-tank is being demolished, and the two tanks shown together on M1.01 are the relocated existing HW X-tank and the new HW X-tank. Please confirm, or clarify if assumption is not correct.						Please see attached response from Kohler Ronan dated 07/06/09.				
RFI	KBA		BISMARK	C023		Dust Collector Location		CLO	6/24/2009	7/20/2009	7/1/2009
		We are preparing to place the concrete pad on the east side of the existing building to accomodate the "relocated" existing dust collector, which is part of our summer work starting June 26th, Was Captain's Cove notified or shown where the location of the new dust collector and the required concrete pad, a minimum of roughly 6.5'x10.5' as shown within SKL 4.03, is to sit? Does this pad fall on their property? As of now Captain's Cove uses that space for boat storage.						The dust collector will be moved to the court yard area. Please see attached revised sketches SKM071409.1 & SKM071409.2				
RFI	KBA		BISMARK	C023-2		Duct Associated w/ Dust Collector		CLO	7/20/2009	7/27/2009	7/27/2009
		Per Sketch SKM 070914.1 issued in RFI C023 there is a continuation of duct and also a new side wall return grille penetrating the North 4 HR Rated wall between rooms B112 and B115. It does not show or call out for any fire dampers at these penetrations. Please clarify if fire dampers are in fact needed at these (2) penetrations. Keep in mind that the existing wall is a CMU to the top of the overhead door, and the rest being drywall to deck with no fire safing at any penetrations or to the deck.						Please see attached response from Kohler Ronan dated 07/22/09.				
RFI	KBA		BISMARK	C023-3		Bollards at Dust Collector		CLO	7/24/2009	7/30/2009	7/31/2009
		Being that the Dust Collector has been relocated to the courtyard where vehicles can be operated, is there a need to provide bollards around the dust collector to protect it from a collision? If so please provide a sketch for pricing.						Bollards were installed as directed by the architect, in the field, per the attached hand sketch.				
RFI	KBA		BISMARK	C023-4		Dust Collector Lightning Protection		CLO	8/13/2009	8/20/2009	8/20/2009
		Being that the Dust Collecter has been relocated to the outside of the building, is lightning protection required on the unit?						Please see attached response from Kohler Ronan dated 08/18/09.				
RFI	KBA		BISMARK	C024		Exhaust Duct Room B112		CLO	6/25/2009		7/2/2009
		On drawing M1.01 in Project Assembly B112, the point of connection of new exhaust duct to existing roof fan location as shown on M1.01 does not reflect the actual field location observed on site. The actual 26" round duct through the roof is further east (and lower roof slope) and south. On drawing E2.02 lighting plan in Project Assembly B112 no new lighting system is shown. The current lighting system consists of a hard conduit fixed position system which is about 23'-3"(+/-) after finished floor. Is the intent to keep all duct and diffusers above the plane of the light, so that the light diffusion remains unobstructed? Is duct configuration and diffuser location able to be reconfigured to suit existing conditions of fan location, roof sloop, lights and conduit? The 36" must be west of fan to fit between roof and conduit. Are sprinklers to be moved to coordinate with duct if necessary? Further field dimensioning and details will be provided when we can get a lift on site and the area becomes more available. we can address at 7/1/09 meeting if possible.						Please see attached response from Kohler Ronan dated June 29, 2009.				

Type	To	Request From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA	BISMARK	C025		Sea Water Line A to C		CLO	6/25/2009		7/2/2009
		Sea Water line from SWP-1 in area A to 2nd Floor area C is noted to slope to facilitate flushing on P1.01. Please clarify intent: Slope up / down in which direction? We assume up in the direction of flow, as it goes to the 2nd floor at downstream end. Preliminary survey we find a continuous slope may not be possible with existing steel and conditions along route. What is required if continuous slope is not possible?					Please see attached response from Kohler Ronan dated June 30, 2009.				
RFI	KBA	BISMARK	C026		Ductwork Misc. Questions		CLO	7/2/2009	7/10/2009	7/9/2009
		Please see attached RFI from Airtech of Stamford of fan EF-5 location. Duct design in Area B, ceiling heights, etc.				Please see attached response from Kohler Ronan dated 07/06/09.				
RFI	KBA	BISMARK	C027		Dwg C1.01 Existing Sanitary Tie-in		CLO	7/7/2009	8/3/2009	7/14/2009
		Drawing C1.01 states to remove an existing sanitary sewer manhole and maintain flow by connecting this to the new sewer from the addition. The existing lateral has an invert elevation of 19.46. The invert of the new sewer from the addition has an invert that is higher, the downstream cleanout of the new sewer has an invert elevation of 20.40. We believe that we can change the slope of the pipe from the new sanitary manhole to accomodate this invert. Also please take into consideration the utility corridor from the existing building. Please provide us with new slope and invert information as soon as possible. Sketch of area is attached.					See attached sketch SKC-3. Revision made per WPCA comments and pending final approval.				
RFI	KBA	BISMARK	C027-2		Dwg C1.01 Existing Sanitary Tie-In		CLO	8/6/2009		8/13/2009
		Drawing C1.01 states to remove an existing sanitary sewer manhole and maintain flow by connecting this to the new sewer from the addition. The existing lateral has an invert elevation of 19.46. The invert of the new sewer from the addition has an invert that is higher, the downstream cleanout of the new sewer has an invert elevation of 20.40. We believe that we can change the slope of the pipe from the new sanitary manhole to accomodate this invert. Also please take into consideration the utility corridor from the existing building. Please provide us with new slope and invert information as soon as possible. Sketch of area is attached. This was not addressed in the answer for C027.					The inverts can be adjusted/determined in the field and a 1% min slope should be maintained as a minimum.				
RFI	KBA	BISMARK	C028		Quad Receptacles in B111		CLO	7/7/2009	7/10/2009	7/14/2009
		Can we feed the quad receptacles that are in room B111 (explosion proof) and room B112 (non-explosion proof) out of existing Panel F in Electrical Closet B122? There is an existing splice box trough in the existing storage room B114 in which the existing explosion proof outlets from B111 and B112 are fed, it then gets fed underslab into Panel F in Electrical Closet B122. The intent is not to run continuous visible conduit throughout these spaces and we would be able to use a majority of the existing conduit and existing outlet locations. Please confirm if this is acceptable.					Please see attached response from Kohler Konan dated 07/08/09.				
RFI	KBA	BISMARK	C029		Smartboard Outlets		CLO	7/7/2009	8/6/2009	7/14/2009
		Can we feed the Smartboard outlets per Addendum #5 in rooms A204 and A205 our of Panel "N"? Panel "N" is located within room A205 and has a total of (12) spare circuits. Panel "N" itself is fed from Panel "H" in the existing Electrical Room A107. Please confirm if this is acceptable.					See attached response from Kohler Ronan dated 07/24/09.				
RFI	KBA	BISMARK	C030		Outlets for the ERBD's and EMBD's		CLO	7/7/2009	8/31/2009	7/14/2009
		According to Addendum #5 we are to include outlets for the ERBD's and EMBD's. Please provide details for both boards to determine that the 5' receptacle height given is ok.				Please see attached response from Kohler Ronan dated 08/27/09.				
RFI	KBA	BISMARK	C031		Quad Receptacle in B112 Dwg E1.02		CLO	7/7/2009	7/10/2009	7/14/2009
		On Drawing E1.02 Room B112 shows (2) quad receptacles on the North Wall, The East receptacle is shown directly in the center of the overhead door. Please advise, does this outlet get eliminated or should we locate it elsewhere within the room?				Please see attached response from John O'Connel dated 07/08/09.				
RFI	KBA	BISMARK	C032		Outside Air Duct to FCU's		CLO	7/13/2009	7/23/2009	7/20/2009
		On MD 1.01 we are directed to remove existing outside air duct from the FCU in Chemistry A205 this existing outside air duct had a motarized damper. M1.01 directs us to install new 16" outside air up through the roof and does not show the addition of a motorized damper. Is a motorized damper required?				Please see attached response from Kohler Ronan dated 07/13/09				

Type	To	Request	From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA		BISMARK	C032-2		Fan Coil Outside Air Damper		CLO	7/24/2009	7/27/2009	7/31/2009
		Previous RFI C032 (JTK (H) RFI-6) response was to add damper to outside air duct to FCU-1. The question or response did not address FCU-2, which did not have an existing damper which was demo'd. Please clarify a damper is needed for only FCU-1, or both FCU-1 and FCU-2.					Please see attached response from Kohler Ronan dated 07/27/09				
RFI	KBA		BISMARK	C033		Dust Collector Accessories Color		CLO	7/13/2009		7/20/2009
		Returned submittal 230000-M1.02 received on dust collector accessories status AAN notes "Architect to select color" No color selection has been indicated on data cover, or color chart. Please advise.					Please see attached response from Kohler Ronan dated 07/13/09.				
RFI	KBA		BISMARK	C034		Ice Storage Submittal		CLO	7/15/2009		7/22/2009
		Submital 230000-M4.02 was returned rejected and notes a sketch must be provided showing the footprint, fence, etc. Sketch attached shows the Calmac ice tanks and the Trane Chiller in the fenced area. The fenced area is the same size. This is part of a larger shop drawing which will be submitted separately. Do we re-submit the equipment data again with layout sketch included, or can data previously sent be reviewd with this sketch as a supplement?					Please see attached response from Kohler Ronan dated 07/15/09				
RFI	KBA		BISMARK	C035		MC Cable in Metal Stud Walls		CLO	7/16/2009	7/27/2009	7/23/2009
		The question of the use of MC cable has been raised previously in RFI's PB 054 and PB059. Please see the attached latest question from Acme Electric regarding the use of MC Cable in metal stud partitions.					Please see attached response from Kohler Ronan dated 07/24/09.				
RFI	KBA		BISMARK	C036		CAD Files and Layers		CLO	7/16/2009	8/3/2009	7/23/2009
		We are finding that the CAD backgrounds are sometimes contradictory. Some alyers with the lights do not match other layers with ceiling grid. We can not establish a reliable background to coordinate as it is now. With so many layers in the RCP backgrounds we are unable to distinguish what is old vs revised information, etc. Can we be provided a key list of what layer names mean, and which laers should be "on" vs "off" to represent how the contract drawings hard copy appears? Please see attached RFI from James T. Kay.					See attached CAD files				
RFI	KBA		BISMARK	C037		Existing Roof Leader Pipes		CLO	7/17/2009	8/6/2009	7/24/2009
		There are three existing roof leader pipes which were tied into the existing catch basin near 5.2 and Q lines which is shown to be removed on C1.01. Please advise where to tie in the three existing roof leaders. The three existing locations are (1) on the existing building nearest 5.2/Q line. (2) on the existing building at the inside corner of the new tie in nearest to 1/P line. (3) comes from the south of the new addition.					Tie existing leaders into the existing drainage sturcture on the Northeast side of the existing building with 10" pipe.				
RFI	KBA		BISMARK	C038		Concrete Base in B112		CLO	7/17/2009	7/23/2009	7/24/2009
		On Drawing MD1.02, Room B112 tells us to demo the existing duct and filter box which has been completed, however there is a concrete base which the equipment was on. Please advise if the existing concrete base is to remain.					Please see attached response from Kohler Ronan dated 07/21/09				
RFI	KBA		BISMARK	C039		Elect. Penetrations at Egress Path		CLO	7/17/2009	7/31/2009	7/24/2009
		Upon running "new" conduits from the existing building to the new addition, (for the Generated Power supply, along with 2 additional conduits for future work/"spares") There will be approxzimately seven LB's penetrating the exterior west face of the existing building into the existing Electrical Room A107 This penetration is at the proposed new concrete walkway egress path on the west side of rooms A107, A109 and A111. Please advise if these penetrations are acceptable within the 5' egress path. The LB's are going to be approximately +/- 3" off of the exzterior face of masonry.					Not acceptable. Can not impede egress path.				
RFI	KBA		BISMARK	C040		USO Panels, Gas, Tempered Water		CLO	7/22/2009	7/27/2009	7/29/2009
		Please see the attached James T Kay RFI (P) #9 regarding the USO Panels, Gas, and Tempered Water.					Please see attached response from Kohler Ronan dated 07/27/09.				
RFI	KBA		BISMARK	C041		Submittal 23 82 33, 2.1 R&R		CLO	7/22/2009	7/31/2009	7/29/2009
		Please see the attached James T. Kay RFI (H) #10 regarding Submittal 23 82 33, 2.1 R&R.					Please see attached response from Kohler Ronan dated 07/24/09 and KBA Response: 7/31/09 Provide both outer enclosure as called for and individual enclosures per manufacturer.				
RFI	KBA		BISMARK	C042		EF-2 Fan Submittal R&R		CLO	7/22/2009		7/29/2009
		Please see attached James T. Kay RFI (H) #11 in reference to submittal 23 34 15 Approved as Noted Resubmit.					Please see attached response from Kohler Ronan dated 7/24/09				

Type	To	Request	From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA		BISMARK	C043		Lighting Ballasts in Existing Build		CLO	7/22/2009	7/27/2009	7/29/2009
		Please See attached RFI from Acme Electric regarding the ballasts in the existing building light fixtures.					Please see attached response from Kohler Ronan dated 07/24/09.				
RFI	KBA		BISMARK	C044		Existing Lightning Protection		CLO	7/23/2009	7/30/2009	7/30/2009
		We are preparing to perform the existing roof shingle removals and the installation of the built up roof system on top of the existing built up system. What are we to do with the existing lightning protection?					Speaking with Bruce from Imperial Roofing, the existing rods need to be extended and/or replaced with longer rods. Existing rod bases and wiring can remain and do not impact the new roof installation.				
RFI	KBA		BISMARK	C045		AC-6 Controls		CLO	7/23/2009	7/24/2009	7/30/2009
		Is this unit standalone with local thermostat control? The sequence of operation and contract drawings do not identify otherwise.					Please see response from Kohler Ronan dated 07/24/09				
RFI	KBA		BISMARK	C046		Submittal VFD's		CLO	7/24/2009	7/27/2009	7/31/2009
		Returned submittal for VFD's comment says to submit on a VFD for fume hood exhaust (EF-2). Documents do not call for a VFD on this high velocity fan. Sequence of operation indicates variable air flow is done by modulating the bypass damper located on the fan ("general exhaust box") as signaled by the phoenix controls. Please Advise					Please see attached response from Kohler Ronan dated 07/27/09				
RFI	KBA		BISMARK	C047		HVAC Valves Submittal		CLO	7/24/2009	8/3/2009	7/31/2009
		Please see James T. Kay RFI (H) 14 in regards to the Valve Submittal.					See attached response from Kohler Ronan dated 07/27/09				
RFI	KBA		BISMARK	C048		Louver Screens		CLO	7/24/2009	8/6/2009	7/31/2009
		Please see the attached James T. Kay RFI (H) 015 regarding the Louver Insect Screens.					Provide bird screens as recommended.				
RFI	KBA		BISMARK	C049		Flat Roof Drains		CLO	7/24/2009	7/30/2009	7/31/2009
		P1.05 shows (4) roof drains at the flat roof. A3.01.1 shows (2) drain locations. Please Advise Note, the "Froet" drain specified is a combination drain and overflow drain.					Please see attached response from Kohler Ronan . Please provide labor and material credit for two (2) roof drains eliminated and associated piping.				
RFI	KBA		BISMARK	C050		A137 Door Frame		CLO	7/24/2009	8/11/2009	7/31/2009
		Drawing D1.01 Note 2A for the Nurses Bathroom A137 shows to remove the existing frame, door, hardware and transom, however it does not show a new frame on the hardware schedule. Please Advise					Provide HMF-1 frame for this opening.				
RFI	KBA		BISMARK	C051		Tubesteal Location in Room B115		CLO	7/24/2009	7/30/2009	7/31/2009
		On the existing northernmost wall of B115 it shows a new HSS 8"x6"x5/16" box beam to be installed along the face of the wall in the east to west direction. Along the wall there is an existing security motion sensor and wiremold in the location of where this box beam is to be installed. Please Advise.					Relocate existing sensor and wiring as required.				
RFI	KBA		BISMARK	C052		Transformer Grounding		CLO	7/28/2009	7/29/2009	8/4/2009
		On Drawing E1.02 it calls for us to replace the existing transformer in Electrical Closet B122. We have the new 150 KVA transformer and during our investigation we found the existing transformer was never grounded to the building steel. Should the new one be grounded? If so please advise.					Please see attached response from Kohler Ronan dated 07/29/09.				
RFI	KBA		BISMARK	C053		ADA Lab Sink / Phix Cartridge		CLO	7/30/2009	8/4/2009	8/6/2009
		Please see the attached James T Kay RFI (P) #12.					See attached Kohler Ronan sketch SKP-080309-1 for typical layout. Coordinate all work with casework contractor.				
RFI	KBA		BISMARK	C053-2		ADA Lab Sink / Phix Carttridge		CLO	8/7/2009	12/7/2009	8/14/2009
		Please see attached James T. Kay RFI (P) 12.1 regarding the ADA Lab Sink / Phix Cartridge. (follow up to RFI answer C053)					See attached response from Kohler Ronan dated 12/7/09.				
RFI	KBA		BISMARK	C054		AHU 1& 4 Dampers		CLO	8/6/2009	8/12/2009	8/13/2009
		Please see James T. Kay RFI (H) 016 and CT. Controls RFI-2 The additional damper on flow diagram for AHU-1 and AHU-4 as per ASI-018, Sketch SKM010109.3 is not understood. The damper furthest upstream into the return appears unnecessary. Please clarify.					Please see attached response from Kohler Ronan dated 08/10/09.				
RFI	KBA		BISMARK	C055		Existing Fire Alarm Compatability		CLO	8/10/2009	8/14/2009	8/17/2009
		Please see attached Acme Electric RFI regarding the existing fire alarm system coordination and compatibility.					Please see attached response from Kohler Ronan dated 08/11/09.				
RFI	KBA		BISMARK	C056		Service Platform at Duct Penthouse		CLO	8/11/2009	8/20/2009	8/18/2009
		Please see the attached James T. Kay RFI (H) #18 in regards to the roof top penthouses.					Please see attached response from Kohler Ronan dated 08/18/09.				
RFI	KBA		BISMARK	C057		Boiler Room A111 Pad Layout		CLO	8/11/2009	8/20/2009	8/18/2009
		Please see James T. Kay RFI (H) #19 in regards to the Boiler Room A111 pad layout.					Please see attached response from Kohler Ronan dated 08/18/09.				

Type	To	Request From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA	BISMARK	C058		EF-9 Missing Parts		CLO	8/13/2009	8/20/2009	8/20/2009
		Please see the attached James T Kay (H) #17 regarding missing parts to the existing EF-9 in the Fishing Gear Room.				Please see attached response from Kohler Ronan dated 08/18/09.				
RFI	KBA	BISMARK	C058-2		EF-9 Missing Parts		CLO	8/24/2009	8/31/2009	8/31/2009
		Please see the attached James T, Kay RFI (H) 17.1 regarding the answer to the previous RFI C058.				Please see attached response from Kohler Ronan dated 08/27/09.				
RFI	KBA	BISMARK	C058-3		EF-9 Missing Parts Pt. 3		CLO	10/20/2009	10/21/2009	10/27/2009
		Please see the attached James T. Kay RFI (H) #17.2 in regards to EF-9.				See attached response from Kohler Ronan dated 10/21/09.				
RFI	KBA	BISMARK	C059		Cleaning of Existing Duct / AHU-4		CLO	8/13/2009	8/20/2009	8/20/2009
		Please see the attached James T. Kay RFI #20 in regards to the cleaning of existing building ductwork and AHU-4.				Please see attached response from Kohler Ronan dated 08/18/09.				
RFI	KBA	BISMARK	C060		CHW Piping Schematic, Bypass Valve		CLO	8/17/2009	8/31/2009	8/24/2009
		Please see the attached JTK (H) RFI-21.				Please see attached response from Kohler Ronan dated 08/27/09.				
RFI	KBA	BISMARK	C061		2nd Flr Classroom Ceiling, RCP Heat		CLO	8/18/2009	9/2/2009	8/25/2009
		Please see James T Kay (H) RFI #22.				See ASI 034.				
RFI	KBA	BISMARK	C062		SB-2 and SB-3, 2nd Flr Classrooms		CLO	8/18/2009	9/18/2009	8/25/2009
		Please see James T. Kay (H) RFI #23.				See attached sketches SKA-31 & SKA-33 for Revised Second Floor Corridor C201 Soffits and Revised Corridor C201 Interior Elevations. Note: Changes are the result of MEP coordination issues.				
RFI	KBA	BISMARK	C063		Flashing of Existing Roof Units		CLO	8/24/2009	8/31/2009	8/31/2009
		Due to the added thickness of the vented nailboard there is an issue flashing the units in with the new roof system. There is not enough room to flash into the high side of the existing curbs. Please Advise.				Documents call for roofing contractor to extend with blocking as required. As discussed on site larger units require coordination with EMP contractors.				
RFI	KBA	BISMARK	C063-2		Roof Top Unit Flashing		CLO	11/2/2009	11/3/2009	11/9/2009
		Please see the attached detail for flashing around the existing roof top units. Will this be an acceptable method rather than raising these units?				The proposed detail is acceptable.				
RFI	KBA	BISMARK	C064		Reflected Ceiling Plan Conflicts		CLO	8/24/2009	9/2/2009	8/31/2009
		Please see the attached RFI from Professional Mechanical Contractors regarding reflected ceiling plan conflicts.				See ASI 034				
RFI	KBA	BISMARK	C065		Existing Fan #17		CLO	8/24/2009	8/31/2009	8/31/2009
		Please see the attached James T. Kay RFI (H) #24 regarding the existing fan #17 operation.				Please see attached response from Kohler Ronan dated 08/27/09.				
RFI	KBA	BISMARK	C066		Vapor Barrier at Grade Beams		CLO	8/24/2009	8/25/2009	8/31/2009
		The vapor barrier typical detail shows the vapor barrier to continuously run from under slab and drop down to under grade beams then back up the outside of the grade beam to within 8" of grade. This detail can not be followed in the manner intended, please detail another method to follow. Reference detail F1/S5.01.				The vapor barrier must be installed directly against the concrete grade beams on the inside and outside faces but omitted under the beams. On the exterior the vapor barrier must be attached according to Stego Industries recommendations. On the inside face the vapor barrier will be sandwiched between the insulation and the wall. The fasteners attaching the insulation will also secure the vapor barrier to the wall. The installation of the vapor barrier on the walls and under the slab shall including treatment of joints shall be according to Stego Industries requirements.				
RFI	KBA	BISMARK	C066-2		Vapor Barrier at Grade Beams		CLO	8/27/2009	8/31/2009	9/3/2009
		Upon waiting for the response to RFI C066 we had found the answer in Pre-Bid RFI 042, Item #8. Please advise if this is acceptable and if we can follow according to the Detail F1/S5.01 with the insulation placement?				The vapor barrier shall be installed according to the information provided in Pre-bid RRFI 070 & 042 and the manufacturer's recommendations. The vapor barrier will be sandwiched between the foundation and the rigid insulation. All installations must be inspected by the Special Inspector.				
RFI	KBA	BISMARK	C067		2nd Floor Structure, Ceiling / Duct		CLO	8/24/2009	8/31/2009	8/31/2009
		Please see the attached James T, Kay (H) RFI #25.				Please see attached response from Kohler Ronan dated 08/27/09.				
RFI	KBA	BISMARK	C068		Electrical Feeds on Ex. Masonry		CLO	8/28/2009	8/31/2009	9/4/2009
		What is an acceptable method to run feeds along existing masonry walls for the following items: - Area of Refuge Command Unit / Horn Strobes - Clocks - Plugs - Speaker Strobes - Data Drops For example, how should equipment in the Landing Shed be fed? (wire mold, emt, etc) Please Clarify				Please see attached response from Kohler Ronan dated 08/31/09.				

Type	To	Request	From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA		BISMARK	C068-2		Fire Alarm Two Gang Box Mounting		CLO	9/1/2009		9/8/2009
		As a follow up to RFI C068, can fire alarm two gang boxes be surface mounted for the speaker strobes throughtout the existing building?					Fire Alarm two gang boxes can be surface mounted for the speaker strobes in existing building CMU walls, as reviewed on site on 9/2/09. Surface mount can be used in the landing shed and on block walls in the existing building, ALL OTHER LOCATIONS WILL BE RECESSED				
RFI	KBA		BISMARK	C068-3		Ex. Building Surface Mount Conduit		CLO	9/3/2009	9/4/2009	9/10/2009
		Please see the attached RFI from Acme Electric regarding surface mounted conduit in the existing building.					Review of Landing Shed on 9/2/09 with Acme, Bismark, Kohler Ronan and KBA determined it was acceptable to surface mount devices (switches, plugs, data) with wire mold, installed in a neat clean fashion. Preference is to have speaker/clocks recessed into the existing block if the depth of the back box permits.				
RFI	KBA		BISMARK	C069		Landing Shed Feeds		CLO	8/28/2009	9/4/2009	9/4/2009
		There is no feeder shown on the drawings from the existing building to the landing shed. How is power to be brought to the landing shed? Please Advise.					Please see attached response from Kohler Ronan dated 09/04/09.				
RFI	KBA		BISMARK	C070		EF-2 Platform, Steel, Curb		CLO	8/28/2009	9/4/2009	9/4/2009
		Please see the attached James T. Kay RFI (H) #26.					There should be a 1/4" plate that is welded on the to flange tip of the W8 beam shown on the sketch for this small area to pick up the deck edge The plate should be wide enough to provide 4" deck bearing. A 1/4" web stiffener plate should be added at 36" and should extend out to the edge of the 1/4" flange extension. Minimum required platform width is 30".				
RFI	KBA		BISMARK	C071		Two Gas Mains in Area A		CLO	8/28/2009	9/4/2009	9/4/2009
		Please see James T. Kay RFI (P) #13					Please see attached response from Kohler Ronan dated 09/04/09				
RFI	KBA		BISMARK	C071-02		Two Gas Mains in Area A		CLO	9/23/2009		9/30/2009
		Please see James T. Kay RFI (P) #13					See revised response from Kohler Ronan dated 09/18/09/				
RFI	KBA		BISMARK	C071-3		Two Gas Mains in Area A		CLO	9/29/2009		10/6/2009
		Sketch Revision from Kohler Ronan - 9/28/09					See attached response from Kohler Ronan dated 9/28/09.				
RFI	KBA		BISMARK	C072		Exhaust Drop in A204		CLO	8/28/2009	10/1/2009	9/4/2009
		There is a 4" exhaust drop in the west side of Room A204. Detail 1/M1.01 shows 100cfm at the drop. The piece of equipment being serviced requires 300cfm exhaust. Please see attachment for information on the equipment. Please advise.					See attached response from Kohler Ronan dated 09/29/09.				
RFI	KBA		BISMARK	C072-2		Follow up to RFI C072 Duct Detail		CLO	10/5/2009		10/12/2009
		Please see the attached James T. Kay RFI (H) #36 in regards to the detail given for the Exhaust Duct in Room A204 from RFI C072.					See attached response from Kohler Ronan dated 10/21/09.				
RFI	KBA		BISMARK	C072-3		Cook GN-720 Finish		CLO	11/2/2009	11/4/2009	11/9/2009
		Please see the attached James T. Kay RFI (H) 36.1					See attached response from Kohler Ronan dated 11/03/09.				
RFI	KBA		BISMARK	C073		Masonry Wall @ Detail 1 SKA-2.01		CLO	9/3/2009	10/7/2009	9/10/2009
		In Detail 1 on SKA-2.01 the north side of the new concrete walk shows us to leave 1'-6" section of existing masonry wall, cutting out the next 4' for installation of the new gate. Upon a walkthrough with the foreman from PJ's, Jason Oblon w/ Bismark, Scott Ringquist w/ KBA, and Peter Beltz w/ Kohler Ronan, we notices that the existing masonry wall is not tied into the existing building and the existing masonry wall is not in any shape to be cut into without the masonry wall falling down. Please Advise.					See attached sketch SKA-35 for revisions.				
RFI	KBA		BISMARK	C074		Room C210 Radiant Ceiling Panels		CLO	9/4/2009	9/18/2009	9/11/2009
		Please see James T. Kay (H) RFI 27.					See attached sketch SKA-34 for upper level Area C Part revised reflected ceiling plan and soffits. Note: Changes based on MEP coordination meetings/issues. Attachments: SKA-34				
RFI	KBA		BISMARK	C075		Kitchen Layout		CLO	9/4/2009	10/30/2009	9/11/2009
		Please see the attached James T, Kay (P) RFI #14 regarding the kitchen layout.					Coordinate layout with approved kitchen equipment shop drawings.				
RFI	KBA		BISMARK	C076		Sprinkler Classification		CLO	9/4/2009	9/10/2009	9/11/2009
		Please see the attached RFI #6 from Professional Mechanical Contractors.					Please see attached response from Kohler Ronan datae 09-09-09				

Type	To	Request	From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA		BISMARK	C077		Sprinkler/Ceiling Conflict Rm C205		CLO	9/10/2009	9/18/2009	9/17/2009
		The sprinkler supply to Stair C21 drops below the ceiling in Girls Room C205. The pipe will be held tight to the stair steel, please clarify how you would liek the exposed piping to be routed in Room C205. Will the ceiling be lowered?					See attached sketch SKA-32 which adds a soffit in C205 to avoid the conflict. Attachment: SKA-32				
RFI	KBA		BISMARK	C078		Corridor C203 Sprinkler Conflict		CLO	9/10/2009	9/18/2009	9/17/2009
		Please see the attached Professional Mechanical Contractors RFI #8					Corridor ceiling height to be lowered to 8' -4". Refer to sketch SKA-31 issued in response to RFI #C062.				
RFI	KBA		BISMARK	C079		Quick Response Sprinkler Heads		CLO	9/11/2009	9/14/2009	9/18/2009
		Please see PMC RFI #4 in regards to quick response vs. standard response heads.					Please see attached response from Kohler Ronan dated 09/14/09.				
RFI	KBA		BISMARK	C080		Hatchery Supply Duct		CLO	9/11/2009	9/14/2009	9/18/2009
		Please see James T. Kay RFI (H) #28 in regards to the Hatchery Supply Duct					Please see attached response from Kohler Ronan dated 09/11/09.				
RFI	KBA		BISMARK	C081		Hatchery Return Duct		CLO	9/11/2009	9/14/2009	9/18/2009
		Please see the attached JTK RFI (H) #29 in regards to the Hatchery Return Duct.					Please see attached response from Kohler Ronan dated 09/11/09.				
RFI	KBA		BISMARK	C082		Water Tanks		CLO	9/15/2009	9/23/2009	9/22/2009
		Please see the attached James T. Kay RFI (P) #15 in regards to the water tanks.					See attached response from Kohler Ronan dated 09/21/09/				
RFI	KBA		BISMARK	C083		Fill Pressure		CLO	9/15/2009	9/23/2009	9/22/2009
		Please see the attached James T, Kay RFI (H) #30					See attached response from Kohler Ronan dated 09/18/09.				
RFI	KBA		BISMARK	C084		Grills on Spiral Duct		CLO	9/15/2009	9/23/2009	9/22/2009
		Please see the attached James T. Kay RFI (H) #31 in regards to the Grills on Spiral Duct.					See attached response from Kohler Ronan dated 09/18/09.				
RFI	KBA		BISMARK	C085		PVC Conduit Hangers Under Slab		CLO	9/15/2009	9/24/2009	9/22/2009
		Please see the attached information from Acme Electric regarding how they would like to hang the PVC conduit under the slab on grade. Is this acceptable?					See attached response from Kohler Ronan dated 09/23/09				
RFI	KBA		BISMARK	C085-2		PVC Conduit Hangers Under Slab		CLO	10/1/2009		10/8/2009
		Please provide a sketch illustrating the hanging of the PVC conduit from the Structural Slab for field use.					See attached response from Kohler Ronan dated 09/23/09/				
RFI	KBA		BISMARK	C086		Site Light Pole Bases		CLO	9/16/2009	9/30/2009	9/23/2009
		Alternate #18 says to "remove existing site light poles and existing concrete bases" and "install new site light poles and precast concrete bases." There is no detail in the doccuments indicating any dimensions for the new precast bases. Please advise.					18"x5' precast concrete light pole bases are acceptable. Light pole bases shall be backfilled w/flowable concrete fill -6" from proposed finished grade.				
RFI	KBA		BISMARK	C087		Existing Site Lighting Junction Box		CLO	9/18/2009	9/24/2009	9/25/2009
		There is an existing sight lighting junction box located within the new egress path from stair A3. It is plastic and does not seem to be sufficient for foot traffic. Should this be relocated or replaced by a heavier gauge box? Please advise.					See attached response from Kohler Ronan dated 09/23/09				
RFI	KBA		BISMARK	C087-2		Existing Site Lighting Junction Box		CLO	9/29/2009		10/6/2009
		The answer to RFI C087 is not sufficient to proceed. Please provide more information on the gauge / type of junction box or direct a new location to move the junction box to.					See attached response from Kohler Ronan Dated 9/28/09				
RFI	KBA		BISMARK	C088		Fire Valve Cabinet Door Selection		CLO	9/18/2009	9/24/2009	9/25/2009
		Please see the attached RFI 009 from Professional Mechanical Contractors.					See attached response from Kohler Ronan dated 09/18/09.				
RFI	KBA		BISMARK	C089		Mechanical Louver Flange		CLO	9/18/2009	9/24/2009	9/25/2009
		Please see the attached James T. Kay RFI (H) #32 in regards to the mechanical louvers.					Plain box frame (without flange) and position to exterior is confirmed as stated in the RFI.				
RFI	KBA		BISMARK	C090		Color Selection for Gutters		CLO	9/22/2009	9/24/2009	9/29/2009
		Firestone Una-Clad was submitted and approved for the Sheet Metal Trim. Spec Section 076200 - 2.5 specifies .050 for the Roof Drainage System, and Spec Section 076200 - 2.6 specifies .040 for Sheet Metal Fabrications. The color selected was Charcoal Gray SR with both the .040 and .050 thickess circled. It is clear on the color selectoin guide that Charcoal Gray is not available in a .050 thickness.. There are 2 options. Select another color from the Firestone Una-Clad (We reccomend Medium Bronze SR) or select a color from another manufacturer (Atas International, Inc.) to closeley match Charcoal Gray as originally selected.					Medium Bronze SR is acceptable.					

Type	To	Request From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA	BISMARK	C091		AC-2, AC-5 Distances		CLO	9/22/2009	9/24/2009	9/29/2009
		Please see the attached James T. Kay (H) RFI #33.				See attached response from Kohler Ronan dated 09/23/09				
RFI	KBA	BISMARK	C092		Valve Room C111 Fire Protection		CLO	9/22/2009	9/24/2009	9/29/2009
		Please show any additional fire protection needed within Valve Room C111 due to SKA-12 and SKA-13 room changes.				See attached response from Kohler Ronan dated 09/23/09.				
RFI	KBA	BISMARK	C093		Ceiling Grid Type 3A		CLO	9/25/2009	11/6/2009	10/2/2009
		Please see the attached RFI from Gennarini Construction in regards to Ceiling Grid Type 3A and its submittal review comments.				Any of the following Armstrong products are acceptable based on the recommendations from the manufacturer: 1. SS PRELUDE PLUS XL 15/16" ENVIRONMENTAL TEE SYSTEM 2. AL PRELUDE PLUS XL 15/16" ENVIRONMENTAL TEE SYSTEM 3. PRELUDE XL 15/16" EXPOSED TEE SYSTEM FOR EXTERIOR APPLICATIONS				
RFI	KBA	BISMARK	C094		Acid Waste Piping		CLO	9/25/2009	10/13/2009	10/2/2009
		Please see the attached James T. Kay (P) RFI # 16 in regards to the Acid Waste Piping.				See attached response from Kohler Ronan dated 10/12/09.				
RFI	KBA	BISMARK	C094-1		Acid Waste Piping		CLO	10/20/2009		10/27/2009
		Please see the attached James T. Kay (P) RFI # 16 in regards to the Acid Waste Piping.				See attached revised response from Kohler Ronan dated 10/20/09.				
RFI	KBA	BISMARK	C095		Radiant Clg Heat 1st Flr C118/C119		CLO	9/25/2009	10/1/2009	10/2/2009
		Please see the attached JTK RFI (H) #34 in regards to the radiant ceiling panels in Rooms C118 and C119.				See attached response from Kohler Ronan dated 09/30/09.				
RFI	KBA	BISMARK	C096		Bypass Chemical Feeder		CLO	9/25/2009	10/1/2009	10/2/2009
		Please see the attached JTK RFI (H) #35 in regards to the shot feeder shown on M4.02.				See attached response from Kohler Ronan dated 09/30/09/				
RFI	KBA	BISMARK	C097		Bollards at ACCU-6		CLO	10/2/2009	10/8/2009	10/9/2009
		Are Bollards required around ACCU-6 which is located on the east side of the landing shed within the courtyard?				See attached sketch SKM-100709.1				
RFI	KBA	BISMARK	C098		Water Tanks and Hatchery Systems		CLO	10/6/2009	11/30/2009	10/13/2009
		Please see the attached James T. Kay RFI (P) #17 in regards to Water Tanks and Hatchery Systems.				See attached response dated 11/25/09 from Aquatic Habitats Inc.				
RFI	KBA	BISMARK	C099		Dumpster Pads in Courtyard		CLO	10/13/2009	11/3/2009	10/20/2009
		The school has (2) small 5-yd dumpsters which they keep against the building between the (2) overhead doors B111C and B115B. There is no dumpster pad for the dumpsters and they are going to be placed on the new 20' paved strip per the Alternate. Is a Dumpster Pad required for the existing dumpsters?				Install new 10' deep concrete pad between overhead doors B111C & B115B. Install 4 new concrete filled steel bollards equally spaced between existing bollards.				
RFI	KBA	BISMARK	C100		GFRC Clarification		CLO	10/13/2009	10/28/2009	10/20/2009
		Please see the attached RFI from Gennarini Construction in regards to the Glass Fiber Reinforced Concrete Column Covers. A notation was made on the returned submittal and further information is required.				Straight back to the wall is acceptable. Center ropes are to meet (converge) with side ropes with minor difference.				
RFI	KBA	BISMARK	C101		Wiring of Condensing Unit ACCU-6		CLO	10/14/2009		10/21/2009
		The condensing unit for ACCU-6 is shown to be fed from panel RP1-H with (2) #12's on a 20 amp circuit. The actual unit that was installed is 33 amps. Panel RP1-H is an emergency panel, is this required? Can the unit be fed from panel "D" which is in the room adjacent to unit ACCU-6 and fed with #8's on a 50A breaker?				See attached response from Kohler Ronan dated 10/23/09.				
RFI	KBA	BISMARK	C103		Floor Drains in Cooler		CLO	10/20/2009	11/5/2009	10/27/2009
		Please see the attached James T. Kay RFI (P) #18 in regards to Floor Drains in the cooler.				Floor drains in the coolers are not required. Provide credit to eliminate the 4 floor drains as called for on the plumbing documents.				
RFI	KBA	BISMARK	C104		Ice Maker in Laundry Room A120		CLO	10/26/2009	11/5/2009	11/2/2009
		There is an existing Ice Maker machine in Laundry Room A120 which has a rubber drainage hose running along the floor toward the floor drain in that room. Prior to removing the "existing" VCT flooring in Room A121 and Corridor A141, water from this line was running under the masonry walls and traveling through the door opening damaging the VCT tremendously. Before installation of the new VCT flooring for the Landing Shed are there any provisions that can be made to reduce the amount of water that will be spreading on the floors?				See attached response from Kohler Ronan dated 10/28/09.				
RFI	KBA	BISMARK	C105		Sprinkler Branch Riser Concealment		CLO	10/26/2009		11/2/2009
		Please see the attached PMC RFI #11 in regards to the branch lines on the north side of the building.				Soffit to be field adjusted as required. Contractor to run piping as tight as possible to steel.				

Type	To	Request	From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA		BISMARK	C106		Paint on HMF Frames and Doors		CLO	10/27/2009	11/2/2009	11/3/2009
		In Specificaion Section 09 06 00 "General Notes," Item I states to have "All interior HMF, handrails, stringers, and guardrails to be painted P-2." In the "Finish Legend" P-3 is disignated for HMF. Being that P-3 is the semi-gloss please confirm that P-3 is to be used for all HMF, handrails, stringers, and guardrails. Also, there is no color selected for existing metal doors to remain. Please confirm if they should be P-3 as well.						All to be P-3.				
RFI	KBA		BISMARK	C107		Louver Locations		CLO	10/29/2009	11/19/2009	11/5/2009
		Please see the attached James T Kay RFI (H) #38 in regards to louver locations.					Louver locations were confirmed during coordination meeting.				
RFI	KBA		BISMARK	C108		Annunciator Panel at Generator		CLO	10/29/2009	11/6/2009	11/5/2009
		Please forward information on the location for the remote annuciator panel and emergency shut off switch for the new generator. Please advise.					See attached response from Kohler Ronan dated 11/06/09.				
RFI	KBA		BISMARK	C109		Data Wiring in Room C117		CLO	10/29/2009	11/24/2009	11/5/2009
		Drawing T1.02 indicates (4) 2" conduits down wall and elbow below raised floor per detail 2 on drawing T4.02 for data wiring in Room C117. The radius of the elbow will not fit in the wall without being exposed. Can (8) 1" conduits be installed in lieu of the (4) 2" conduits? Please advise.					See attached response from CES dated 11/24/09.				
RFI	KBA		BISMARK	C110		Electrical Panel in Hatchery		CLO	10/30/2009	11/4/2009	11/6/2009
		The approved panel for the Hatchery RP-1H has a standard NEMA 1 enclosure which is not corrosive resistant. Is this acceptable? If not, please advise on the correct NEMA type.					See attached response from Kohler Ronan dated 11/3/09				
RFI	KBA		BISMARK	C111		Overhead Door Conflicts		CLO	11/5/2009	11/19/2009	11/12/2009
		On detail R1/S7.01 there is 1'-3" of clearance shown from the top of the door opening to the bottom of the steel roof beam. On the approved overhead door shop drawing the dimension from the "bottom bar" to the top of the coil hood is 23.5" minimum to accept the hood. There is not enough room to fit the overhead coiled doors as designed. Please advise on how to proceed.					Overhead door heights can be lowered to 9' -0"				
RFI	KBA		BISMARK	C111-2		Overhead Door Clearance		CLO	11/24/2009	12/14/2009	12/18/2009
		The overhead door clearances indicated in the answer to RFI C111 does not accomodate the structural braces in the way which may need to be moved to the north and south of the door openings. Regardless of the height of the doors these braces will be in the way. Please advise if this is acceptable.					Lower existing horizontal steel plates to elevation to clear overhead door unit. Add WT 6x13 to top of galvanized steel plate to carry masonry. Attach to vertical built up jambs. Add continuous weld to built up jambs and grind smooth for AESS. Repair welds with zinc rich cold galvanizing paint. Adjust knee braces per sketch SKS-13 to avoid overhead door unit.				
RFI	KBA		BISMARK	C111-3		Overhead Door Clearance		CLO	12/18/2009	12/18/2009	12/25/2009
		See original RFI for question.					Revise location of knee braces according to attached sketch SKS-13R. Replace overhead door framing according to SKS-14 (See ASI72).				
RFI	KBA		BISMARK	C112		EF-2 Guy Wires		CLO	11/6/2009	11/16/2009	11/13/2009
		Airtech of Stamford has contacted their vendor to release the structural curb for EF-2. In order to adhear to the details represented on the Architectural Drawings, which show maintaining the top of curb at a minimum of 8" above the developed cricket on the low side of the curb and keeping the top of curb at least flush with the surrounding grating, it requires the short side of the curb to be 24" long (+/-) and the long side to be 34" (+/-). Due to this height of the curb, the manufacturer states that EF-2 can not be free standing and must have guy wires to the structure. At present there are no guy wires accounted for, Airtech can provide guy wires, however there are no attachment points to the structure provided, or details of how and where to attach.. Please review and advise.						See attached response from Kohler Ronan dated 11/12/09.				
RFI	KBA		BISMARK	C113		Lighting above Overhead Doors		CLO	11/9/2009	11/19/2009	11/16/2009
		On Drawings issued for ASI #7, Dwg E2.03 shows two surface mounted lights above the overhead doors (one on each). There is no room above these overhead doors as shown on detail 2/A6.03. Please provide another detail for lighting at these openings.					See attached response from Kohler Ronan dated 11/12/09.				
RFI	KBA		BISMARK	C114		Exterior Lighting Heights		CLO	11/9/2009	11/12/2009	11/16/2009
		Please provide required heights for the exterior lighting on fascias and above doors.					10'-7" to Center Line of fixture to be mounted on the fascia. 9'-4" to the Center Line of the fixture to be mounted over the doors.				
RFI	KBA		BISMARK	C115		AC-6 Drip Pan		CLO	11/9/2009	11/16/2009	11/16/2009
		The Plumbing Inspector is requiring a drip pan with a water detection device for AC-6 in the Landing Shed. Please provide a sketch to detail this work.					See attached response from Kohler Ronan dated 11/12/09.				

Type	To	Request From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA	BISMARK	C116		Sprinkler Piping in Hatchery		CLO	11/12/2009	12/1/2009	11/19/2009
		Please see the attached PMC RFI #16 in regards to the Sprinkler Pipe type in the Hatchery.				Galvanized piping is not required. Painting specifications call for all exposed mechanical piping in occupied areas to be painted.				
RFI	KBA	BISMARK	C117		Existing Infill in B124		CLO	11/12/2009	11/19/2009	11/19/2009
		On the East elevation of the existing building, In Room B124 a doorway is shown to be demolished and infilled with masonry, which has been completed. The new slab elevation at this location is two feet higher than the existing slab. We are concerened of moisture/gasses seeping through the new CMU block and cold joint to the existing slab. We feel this requires flashing or bituminous coating to seal this area. Please advise.				Install vapor barrier (same as slab barrier) on CMU prior to backfilling.				
RFI	KBA	BISMARK	C117-2R		Existing Infill in B124		CLO	11/24/2009		12/1/2009
		RFI C117-2 had an incorrect sketch attached. Please correct the answer and add the proper sketches as needed.				Please see corrected sketches for this RRFI. The previous sketch number is incorrect.				
RFI	KBA	BISMARK	C118		Roof Edging Detail		CLO	11/16/2009	11/19/2009	11/23/2009
		Detail R1/S7.01 does not coincide with detail 21/A3.03. The decking is installed as per detail R1/ S7.01, however within detail 21/A3.03 metal framing is shown with the roof decking cut back and a steel angle plate for blocking support. Please Advise which detail to follow.				See attached sketch SKA-38 for revised roof detail No. 21				
RFI	KBA	BISMARK	C119		Mechanical Courtyard ADA Egress		CLO	11/17/2009	5/25/2010	11/24/2009
		On Drawing L4.01, Site Grading Plan, at the top of the page at the existing mechanical courtyard there is an existing sidewalk which leads to and from the courtyard. This sidewalk exceeds the maximum allowable pitch for handicap egress walks. When we run the egress walkway pad this too will be greater than the maximum allowable pitch. Attached you will see the existing grades shown throughout the area to assist in determining how to proceed. Please Advise.				See attached SKL-10 for accessible egress from mechanical area.				
RFI	KBA	BISMARK	C120		Sanitary Manhole Relocation		CLO	11/18/2009	11/30/2009	11/25/2009
		Please see the attached sketch which applies to the conversation had on November 18th regarding the relocation of the sanitary line. Are the field modifications made in this sketch acceptable for installation?				See attached response dated 11/30/09.				
RFI	KBA	BISMARK	C121		High Roof Metal Stud Framing		CLO	11/19/2009	12/10/2009	11/26/2009
		At the high roof metal stud framing (Detail 6 on A6.05) it gives a dimension of 4-1/2" from centerline of column to interior face of framing. We are going to frame with this dimension, but the columns are out of plumb (still within tollerance) and there is going to be a slight steel exposure on the outside. Please advise of how to handle the exposed steel, and to keep the wall flush to let the siding run by.				Fur-out exterior wall as discussed on site on 12/02/09.				
RFI	KBA	BISMARK	C122		Condensing Units On Grade		CLO	11/19/2009	12/3/2009	11/26/2009
		Please see James T. Kay (P) RFI #39 in regards to the condensing units on grade.				See attached response from Kohler Ronan dated 12/2/09.				
RFI	KBA	BISMARK	C123		Isimet Utility Panel Depth		CLO	11/23/2009	11/24/2009	11/30/2009
		Please see the attached James T. Kay (P) RFI #19 in regards to the Isimet enclosures.				See attached response from Kohler Ronan dated 11/24/09				
RFI	KBA	BISMARK	C124		Lifts on 2nd Floor		CLO	11/24/2009	12/10/2009	12/1/2009
		Please see the attached James T. Kay (H) RFI #40 in regards to using man lifts on the 2nd floor.				Contractor to consult with lift manufacturer and structural engineer.				
RFI	KBA	BISMARK	C125		Small Dormer Overhang		CLO	11/24/2009	12/2/2009	12/1/2009
		At the small dormers, the north and south elevation framing does not show elevations through that section of dormer. Overhang dimensions or details are required. Please advise.				See detail and elevations provided on SKA-41 for additional clarification.				
RFI	KBA	BISMARK	C126		Roof Lines on 1-Line		CLO	11/24/2009	12/2/2009	12/1/2009
		The Roof Lines on 1-line between the low "Hatchery" roof and the higher roof (South Elevation) do not match Architecturally to Structurally. The detail shown in the Structural Drawings is the way it is constructed in the field. John Chipko was walked through the issue today on site and is aware of the discrepancies. Please provide details to coordinate this area.				See provided detail for south roof edge on SKA-42.				
RFI	KBA	BISMARK	C127		Window in C210		CLO	11/25/2009	12/3/2009	12/2/2009
		The windows in the west elevation of Room C210 are called out and approved at 10'-0". The dimension in the field from the top of slab to the bottom of steel is 9' 7-1/2". The field conditions do not accomodate the window size specified. Please advise.				See SKA- 40 for revisions to dimensions of window elevation A03.				
RFI	KBA	BISMARK	C128		RP-1K and SR-1K Mounting Options		CLO	11/25/2009	11/30/2009	12/2/2009
		There are two panels within the Seafood Science Room C113, Panels RP-1K and SR-1K. They were approved as surface mounted. Drawing E-1.03 shows these two panels being recessed. Please advise if these panels are to be recessed or surface mounted.				Panels to be recessed as this is an occupied vestibule area.				

Type	To	Request From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA	BISMARK	C129		West Elev. Framing @ Large Dormer		CLO	11/25/2009	12/10/2009	12/2/2009
		Detail B13 on S6.02 gives us a dimension of 4'-8" centerline of beam to centerline of beam. On S7.02 detail R-10 shows the upper beam having a centerline dimension of 4'-5" and from the 4'-5" centerline dimension out 1'-10" for the roof overhang. Our issue is that the cold formed framing needs to be on the 4'-8" centerline which then reduces the 1'-10" overhang. Per our field discussion with S. Ringquist we are going to fir out the overhang to match the 1'-10" as shown in the details. Please advise if this is acceptable.					Acceptable as discussed and stated above.				
RFI	KBA	BISMARK	C130		Northern "Structural" Valley Rafter		CLO	12/1/2009	12/10/2009	12/8/2009
		The northern "structural" valley rafter of the large dormer travels through the wall and door opening of C210 then travels below the ceiling height within the Elevator Corridor C218. The bottom elevation of the beam within Door C210 is 6'-5" and raises in height by the time it connects to the main carrying beam on K-Line. This situation had been walked through with Scott Ringquist on 11/25. Please advise of a detail to reduce the exposure of the beam.					Contractor to install chase "box out" as discussed on site.			
RFI	KBA	BISMARK	C130-2		Northern Structural Valley Rafter		CLO	12/18/2009		12/25/2009
		Please provide a sketch to reflect the discussions on site to correct the issues at the northern structural valley rafter.				See attached sketch SKA-44 as requested.				
RFI	KBA	BISMARK	C131		N and S "Structural" Valley Rafters		CLO	12/1/2009	12/10/2009	12/8/2009
		The north and south "structural" valley rafters within the two small dormers have a lower elevation than the sloped sheetrock ceilings. We had gone over this situation with Scott Ringuist on 11/25 and we had come to the agreement that we will box these four valley rafters within the metal stud and drywall. Please confirm if this is acceptable.				Acceptable as stated above.				
RFI	KBA	BISMARK	C131-2		Valley Rafters Details		CLO	1/29/2010	2/26/2010	2/5/2010
		As discussed in the field, a follow up SK or a detail to hold per the RFI C-131 is needed showing boxing around the valley rafters in each of the 2nd floor west classrooms, C207, C208 and C209. showing framing sizes, connection points, ceiling reveal, etc. Please see the coordination drawings where the Sprinkler piping has been run to determine if they would need to be moved.				I reviewed the discussed mock-up on 2/24/10 and the sloped ceiling will be lowered in order to conceal beams and piping. Soffits will be installed at dormer windows.				
RFI	KBA	BISMARK	C132		Trap Primer Locations		CLO	12/8/2009	12/10/2009	12/15/2009
		Please see James T. Kay RFI (P) #20 in regards to the Trap Primer Locations.				Preference would be to mount above ceilings and eliminate the need for access doors in finished spaces.				
RFI	KBA	BISMARK	C133		Boiler Vent		CLO	12/8/2009	12/10/2009	12/15/2009
		Please see the attached James T Kay RFI (H) #41 regarding the Boiler Vent.				See attached response from Kohler Ronan dated 12/9/09.				
RFI	KBA	BISMARK	C134		Resource Lab C118 Clarifications		CLO	12/8/2009	2/26/2010	12/15/2009
		1) On Drawing T1.03, Resource Lab C118 does not show an A/V control plate or wall mounted Tele/Data. Please give locations if they are needed. 2) On Drawing T1.03, Resource Lab C118 shows a projector and speaker to be mounted in an area where there is no drop ceiling (it is in a location w/ a sloped gypsum ceiling). How should this be mounted? 3) The north west area of Resource Lab C118 shows to have recessed lighting. The ceiling is a sloped gypsum celing and the light type is a "J-1" which the cans are not sloped. Is this acceptable?					1. Addressed in revised Technology drawings. 2. Addressed in revised Technology drawings. 3. Yes.				
RFI	KBA	BISMARK	C135		Ext. Wall Mounted Speaker/Camera		CLO	12/9/2009	12/14/2009	12/16/2009
		At what height dimension should all exterior wall mounted speakers be installed? At what height dimension should all exterior wall mounted cameras be installed?				See attached response from CES dated 12/10/09.				
RFI	KBA	BISMARK	C136		Sonitrol Key Pad Height		CLO	12/9/2009	12/10/2009	12/16/2009
		At what height should the Sonitrol Key Pad be mounted in the Hatchery (C136) which is shown on Dwg. T1.03?				See attached response from CES dated 12/09/09.				
RFI	KBA	BISMARK	C137		Sonitrol Microphone Mounting		CLO	12/9/2009	12/10/2009	12/16/2009
		Some Sonitrol Microphones appear to be ceiling mounted on Dwg. T1.03. In the existing building they are all mounted in the block walls. Should the Sonitrol Microphones be mounted in the walls in the new building as well? If so what size box should be installed and at what height?				See attached response from CES dated 12/09/09.				
RFI	KBA	BISMARK	C137-2		Sonitrol Microphone Follow Up		CLO	12/15/2009	12/17/2009	12/22/2009
		A coordination meeting took place with Sonitrol and they requested a wall mounted microphone 7' A.F.F to center. Is this acceptable?				This is acceptable.				

Type	To	Request	From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA		BISMARK	C138		Fire Protection Zone Control		CLO	12/9/2009	12/14/2009	12/16/2009
		The FP contract drawings indicate the Zone Control assembly to be located on the 1st floor above the ceiling and not in a cabinet as indicated on the marked up drawings. Please advise which is to be provided.					See attached response from Kohler Ronan dated 12/11/09.				
RFI	KBA		BISMARK	C138-2		Fire Protection Zone Control		CLO	12/18/2009	12/18/2009	12/25/2009
		Revised response from Kohler Ronan.					See attached response from Kohler Ronan dated 12/17/09.				
RFI	KBA		BISMARK	C139		Mounting Heights for Isimet Equip.		CLO	12/10/2009	1/25/2010	12/17/2009
		Please provide mounting heights for the following equipment: 1) Solenoid Boxes in Rooms C113, C131, and C133 2) USO Panel in Rooms C113, 131, and 133 3) Integration Interrupt and Time Control Device in Room C134					1 - Mount above ceilings as discussed during coordination meetings. Confirm with local official. 2 - To be mounted 48" AFF to highest operable key switch, button, etc. 3 - To be mounted 48" AFF to highest operable key switch, button, etc.				
RFI	KBA		BISMARK	C140		Unistrut in Hatchery Layout		CLO	12/11/2009	12/17/2009	12/18/2009
		There is no information dimensioning the position in the room or the spacing between "grid" lines of the stainless steel unistrut system in the Hatchery. Please provide a dimensioned layout for the stainless steel unistrut system.					See attached sketch. Contractor to submit shop drawings for approval.				
RFI	KBA		BISMARK	C141		Door Frame C204B		CLO	12/14/2009	12/14/2009	12/21/2009
		Door frame C204B is on top of a curb which is between the Flat Roof and Mech. Rm. C204. The door at this opening is to be 6'-0", but the dimension left from top of curb to underside of steel is 6'-0". The door frame which was ordered is hollow metal, the frame needs to be reordered to be Stainless Steel per Addendum # 5, in reordering we will direct the contractor to provide a door frame which will fit the opening, and instead of the contract detail with a 4" head we will ask if they can have a 2" head instead to add a little more head room for the opening. Is this acceptable?					The above is acceptable.				
RFI	KBA		BISMARK	C142		Landing Shed Gutters		CLO	12/15/2009	12/17/2009	12/22/2009
		The existing landing shed shows to have new gutters in Detail 45 on A3.04 as well as in Detail 21 on A3.03. A downspout location is not shown on any drawings for this area. Please provide downspout locations for the landing shed and both sides of the walkway roof. The existing roof construction at these two locations did not have a gutter system.					See attached sketch SKA-45.				
RFI	KBA		BISMARK	C143		Soffit Vent		CLO	12/15/2009	12/17/2009	12/22/2009
		Please see the attached RFI from CGM Acoustics regarding the soffit vent.					Soffit material is vinyl as approved.				
RFI	KBA		BISMARK	C144		Downspouts on East Elevation		CLO	12/18/2009	1/13/2010	12/25/2009
		On the east elevation of the building there are two downspouts shown for the gutter system, one on the North and one on the South. There are two gutter expansion joints with no downspout in between them along this elevation. Should a downspout be installed in between the expansion joints?					Add third leader in center of run as discussed at the site. Tie-in to storm system. SMR 1/12/2010				
RFI	KBA		BISMARK	C145		Site Lighting Ground Rod		CLO	1/5/2010	1/7/2010	1/12/2010
		What size ground rod is required for the site lighting? The specification calls for a 3/4" by 10' ground rod. Is this this correct? What size wire is required to attach the ground rod to the light fixture?					Please see attached response from Kohler Ronan dated 01/05/10				
RFI	KBA		BISMARK	C146		Solids Interceptor below ADA Sink		CLO	1/5/2010	1/25/2010	1/12/2010
		Please see the attached James T. Kay (P) RFI #21 in regards to the solids interceptor below the ADA sinks					Refer to ASI #080-01 for cabinets to be added to enclose the interceptors at the siz (6) Locations.				
RFI	KBA		BISMARK	C146-2		Solids Interceptor Part 2		CLO	1/18/2010	1/25/2010	1/25/2010
		Please see the attached James T. Kay (P) RFI #21.1 in regards to the solid interceptor and casework coordination.					Refer to ASI#080-01 for cabinets to be added to enclose the interceptors at the six (6) locations.				
RFI	KBA		BISMARK	C147		Water Meter		CLO	1/12/2010	1/13/2010	1/19/2010
		See the attached JTK (P) RFI #22 in regards to the sizing of the water meter.					See attached response from Kohler Ronan dated 01/13/10				
RFI	KBA		BISMARK	C147-2		Water Meter Piping		CLO	1/21/2010	1/22/2010	1/28/2010
		Please see the attached James T. Kay (P) RFI #22.1 in regards to the piping for the Water Meter.					See attached response from Kohler Ronan dated 01/22/10. Kohler Ronan's response says "bypass up to owner". The Owner wants the bypass.				
RFI	KBA		BISMARK	C148		Soffit on SKA-21 / Radiant Panels		CLO	1/18/2010	1/25/2010	1/25/2010
		Please see the attached James T. Kay (H) RFI #42 in regards to the size of the soffit shown in SKA-21 and the radiant ceiling panels.					Extend soffit as discussed at the site on 1/20/2010 and per James T. Kay coordination drawing to be given to ceiling and framing contractors for construction. Coordinate layout and installation prior to framing at all radiant panel locations.				

Type	To	Request	From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA		BISMARK	C149		M1 Fixtures Over C104A and C107A		CLO	1/19/2010	1/22/2010	1/26/2010
		M1 fixtures are shown to be mounted above openings C104A and C107A on the exterior of the building. Dwg E2.03 shows the lights directly over the doors, there is glass above the doors where the fixtures are shown to be mounted. Section 5 on A6.03 has a note stating to coordinate light fixtures with the electrical drawings at the PVC trim fascia. Please verify that the intent is to mount the exterior lights at the PVC trim fascia on the outside of the overhang.					M1 Fixtures to be mounted on PVC Trim Fascia.				
RFI	KBA		BISMARK	C150		Power for Motorized Shades		CLO	1/19/2010	1/26/2010	1/26/2010
		Please forward a list of areas that require power for the motorized shades. The specifications call for all areas with motorized shades to have power, however not all areas with shades show power on the electrical drawings. Please advise the areas of power installation, also please advise if switches are required, they are not shown.					See attached response from Kohler Ronan dated 01/25/10.				
RFI	KBA		BISMARK	C150-1		Blackout Shade Operation		CLO	2/4/2010	2/8/2010	2/11/2010
		Within the Resource Room C118 there are two types of Blackout shades one for the (3) glass block pockets traveling from the top down and a second type for the triangular window which is larger and travels from the bottom up, This instance is going to require (2) switches for operation since the amount of travel for the motors is not equal, therefore can not operate in unison off of the same switch. Please confirm that (2) switches in this case will be acceptable.					Please see attached response from Kohler Ronan dated 02/05/10.				
RFI	KBA		BISMARK	C151		Kitchen Make Up Air		CLO	1/21/2010	1/28/2010	1/28/2010
		Please see James T. Kay (H) RFI #43 in regards to the Kitchen Make Up Air.					Please see attached response from Kohler Ronan dated 01/25/10.				
RFI	KBA		BISMARK	C152		Projection Screen Locations		CLO	1/26/2010	2/9/2010	2/2/2010
		On the Technology and FFE drawings the Computer Room and Resource Room call for projection screens. Provisions need to be made in soffits/ceilings/wall blocking etc. for this equipment. Please indicate the height, locations, and mounting types (recessed, surface mounted) for the projection screens in these rooms.					Projection screens specified in the FF&E package will be mounted and located by the supplying vendor.				
RFI	KBA		BISMARK	C153		PVC Trim Around Windows		CLO	1/26/2010	2/25/2010	2/2/2010
		On exterior windows, there is 1" x 4" PVC trim around the windows. The siding is 1" thick which will make the J-Channel for the siding 1-1/4" thick. The J-Channel will protrude beyond the 1" x 4" exterior window trim. Please advise if we should use 1-1/2" x 4" PVC trim (if available) in lieu of the 1" x 4" PVC trim to allow the siding to dye into the window trim appropriately.					Vinal siding trim piece, reviewed on site, is acceptable to use.				
RFI	KBA		BISMARK	C154		Existing Boiler Relief Valves		CLO	1/29/2010	1/29/2010	2/5/2010
		As discussed in our PM/Owner meeting held on 1-27-10, we have been monitoring the existing boiler system due to the constant loss of water and pressure. Our findings have led us to the existing boiler relief valves are leaking. The existing relief valves are rated for 40 PSI and the boilers when running are up to 35 PSI +/-. We feel that the relief valves need replacement. If we replace these valves, should the new relief valves have a PSI rating of 50? Please confirm the statement and the repair if acceptable.					Please see attached response from Kohler Ronan dated 01/29/10.				
RFI	KBA		BISMARK	C155		Siding Corner Color and Sizing		CLO	1/29/2010	1/29/2010	2/5/2010
		The siding submittal had been returned with no notes/selections in regards to the sizes listed. In a phone conversation between Diana McNeil and Jason Oblon, it was determined that the size and color of the new vinyl siding corners are to match the existing building. Please confirm this is correct. The exterior elevations appear to show the larger corner size, but the existing building is the normal size listed in the submittal.					Correct size and color to match existing.				
RFI	KBA		BISMARK	C156		Borrowed Light Frames A205		CLO	1/29/2010	2/25/2010	2/5/2010
		There are three existing borrowed light frames within the west wall of the Chemistry Lab A205. These hollow metal frames are shown to be removed and infilled to match existing wall type, as shown on D1.01 and A1.01. The school Principal has asked if these openings can remain, if possible, due to them being the only windows in that room? Please advise.					In order for borrowed lights to remain they need to be replaced with 3/4 hour rated frames and glazing. Provide pricing for Owner's consideration.				
RFI	KBA		BISMARK	C157		Soffit Framing C207, C208, C209		CLO	1/29/2010	2/12/2010	2/5/2010
		The soffit framing as entering into rooms C207, C208 and C209 do not show a dimension from the classroom interior entry framing to the vertical soffit at the start of the small dormers. Looking on the reflected ceiling plan A2.04 there is one full tile centered between and 1' cut on either side of the full tile, appearing to be 4'. Detail 2/A6.01shows the vertical soffit centered on G-Line, Please advise a dimension or line to hold for installation.					Hold the soffit framing 4' -0" off of the adjacent framing.				

Type	To	Request From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA	BISMARK	C158		Access to Greenhouse A101		CLO	1/29/2010	2/25/2010	2/5/2010
		The achitectural drawings for the existing A-building shows to infill the door openings along the south wall of the Existing Hatchery, which is going to be the new Receiving Area A143. The school Principal is asking if there would be any way to keep the left single door opening as another entry into the Greenhouse A101, due to the fact that the only access into the Greenhouse room would be walking around to the outside. Looking at drawing D1.01 you can see the existing door swings into the existing "Algal Room" (new is the A102 Vestibule) which is a left hand swing and is located 18" from the east wall and 28" from the west wall. The existing door is a 3'-0"x7'-0"w/ a ½ light and lockset. Please advise if this door opening can remain and if so, is a new door and hardware required to accommodate the space?		Doors cannot remain as the State code does not allow egress thru a storage room.			
RFI	KBA	BISMARK	C159		Parapet on NW Corner of Flat Roof		CLO	2/4/2010	2/26/2010	2/11/2010
		As discussed in the field with Scott Ringquist, should we raise the elevation of the parapet on the north west corner of the flat roof area? Also required would be to extend the parapet to the west in order for the PVC trim boards to die into, instead of along the existing roof. Please see detail 29.2 on A3.03 in regards to the height of the parapet shown. Please provide the height off of the new roof assembly of the flat roof to the top of the parapet and please provide a cap/cover solution to the framing when we extend the parapet to the west.		See attached sketch SKA-50.			
RFI	KBA	BISMARK	C160		Ceiling Wall Angle @ Angled Ceiling		CLO	2/4/2010	2/12/2010	2/11/2010
		In ASI 34-1 there is an SKA-21 which shows the new soffit framing for the radiant panel systems, We need a detail where the 9'-0" ceiling dies into the angled soffit. Please provide a detail showing how the wall angle should be fastened to this angled soffit. This situation was walked through with S. Ringquist and J. Oblon after our PM/Owner meeting on 2-3-10.		See attached sketch SKA-49			
RFI	KBA	BISMARK	C161		Metal Stud Partition in Res. Center		CLO	2/4/2010	2/12/2010	2/11/2010
		The north metal stud drywall partition within the Resource Room does not show how to close off the two sides between F and H lines. As discussed in the field with S. Ringquist we are to close the sides with metal stud and drywall. Please confirm.		The ends of the gypsum wall board should be concealed behind the returns of the column covers. See Column Details C41 and C43 on A7.02.			
RFI	KBA	BISMARK	C162		Resource Room Wall/Soffit Details		CLO	2/4/2010	2/25/2010	2/11/2010
		A discussion had taken place within the Resource Room with Scott Ringquist in regards to the interior elevation Detail 11 on A10.02 which shows the entire north wall of the resource room. On the west side of the north wall elevation it shows the masonry wall running by the beam as it does on the east side, but in the field the west wall layout falls under the beam and then continues on top of the beam, exposing the entire side of this beam from column on 15/H to the corner beam to the west. We had discussed continuing the center soffit which encloses the beam between F and H columns on 15 line through to K column also on 15 line concealing this beam as well. Is the work described acceptable? We had also discussed continuing the same beam enclosure from column K on 15 line to the south column 14 , also on K line, in order to get the sloped ceiling height required to maintain a slight reveal above the triangular window on the North wall. There is no height or slope given to maintain, but we know we have to get the sloped ceiling above the triangular window assembly. In order to do so we have to raise the sloped ceiling closer to the rafter beams of the roof structure, and once we raise the sloped ceiling to where we need to, the beam between the columns listed will be exposed. Please provide an SK drawing showing the soffits as discussed.		The above and below sketch is acceptable. As reviewed at the site on 2/24/2010 a soffit approximately 12" wide will need to be installed on the West wall of C118 in order to conceal structural angels.			
RFI	KBA	BISMARK	C163		"T" Trim for Radiant Panels		CLO	2/4/2010	2/8/2010	2/11/2010
		James T Kay had submitted a radiant panel drawing showing locations and methods in regards to hanging the radiant panels in the metal stud sheetrock soffits throughout the project. We had decided to change the wall angle as shown to a "T" trim (like a ceiling main) so one side will support the radiant panel and the other side will conceal the edge of the sheetrock leaving a clean look and less trim pieces Please confirm this method with the "T" trim is acceptable.		Please see attached response from Kohler Ronan dated 02/05/10 and KBA dated 02/08/10.			
RFI	KBA	BISMARK	C164		Teacher Workroom Outlets		CLO	2/4/2010	2/8/2010	2/11/2010
		Detail 20 on A11.03 shows the north wall casework elevation of the Teacher Workroom C213. Within that detail it shows the electrical outlets and data plugs being installed under the countertop, The Electrical drawings show the outlets under the counter and on the Technology drawings it tells us to install the data outlet "Above" the countertop, Please confirm the correct application for this room. The detail does call out for grommets within the top.		Install all outlets below counter.			

Type	To	Request	From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA		BISMARK	C165		Existing Boiler Control Valves		CLO	2/23/2010	3/16/2010	3/2/2010
		Please see the attached James T. Kay (H) RFI #44 regarding the existing boiler control valves.					See attached response from Kohler Ronan dated 3/12/10.				
RFI	KBA		BISMARK	C166		Misc. Plumbing Device Heights		CLO	2/23/2010	5/3/2010	3/2/2010
		Please see the attached James T, Kay RFI (P) #23 regarding misc, plumbing device heights.					See attached response from Kohler Ronan dated 3/8/10.				
RFI	KBA		BISMARK	C167		Electrical Room C127 Configuration		CLO	2/25/2010	3/16/2010	3/4/2010
		As indicated in the attached sketch there is a clearance issue in Electrical Closet C127. The issue occurs at the south west corner of the room where the 150 KVA transformer is located in between panel SP-1 and SR-1. Panel SP-1 is installed in two 30" sections. With the 150 KVA transformer installed as indicated on the drawings, there is not enough clearance in front one section of panel SP-1. Can this section of panel SP-1 be installed in corridor C106, or should the 150KVA transformer be hung from the structure above? If the transformer is to be hung from the structure above or wall mounted, please provide a sketch.					See attached response from Kohler Ronan dated 3/8/10.				
RFI	KBA		BISMARK	C168		Hatchery Piping Materials		CLO	3/2/2010	3/12/2010	3/9/2010
		Please see the attached James T. Kay RFI (H) #44 in regards to the Hatchery piping materials.					See Attached.				
RFI	KBA		BISMARK	C168-2		Hatchery Piping Part 2		CLO	3/4/2010	3/12/2010	3/11/2010
		Please see the attached James T. Kay (H) RFI #45.1					See attached response from Kohler Ronan dated 3/12/10.				
RFI	KBA		BISMARK	C169		Diffuser Layout in C207, C208, C209		CLO	3/2/2010	3/8/2010	3/9/2010
		Please provide a layout for the diffusers located in the vertical soffits within the area of the small dormers of rooms C207, C208 and C209.					Diffusers to be mounted in the sloped ceiling framing.				
RFI	KBA		BISMARK	C170		Disconnects In Hatchery		CLO	3/4/2010	3/8/2010	3/11/2010
		While meeting with Aquatic Habitats on March 2nd the topic of electrical disconnects for the hatchery equipment was discussed. It was determined that the hatchery equipment will be installed on pre-assembled skids and will only require being plugged in. Being that the electrical panel with breakers is located in clear sight within the room, and each plug can be physically disconnected, are the disconnects shown on the contract drawings required? Ed from Aquatic Habitats recommended a quad outlet drop be installed for each skid. If this method is acceptable please forward information on what material should be used to perform these drops.					See attached response from Kohler Ronan dated 03/08/10.				
RFI	KBA		BISMARK	C171		Prep Room Dishwasher		CLO	3/4/2010	3/12/2010	3/11/2010
		Please see the attached James T. Kay RFI (P) #24					See attached response from Kohler Ronan dated 3/12/10.				
RFI	KBA		BISMARK	C172		Gas to Kitchen Equipment		CLO	3/4/2010	3/8/2010	3/11/2010
		Please see the attached James T. Kay RFI (P) #25					As indicated on Food Service Equipment Contract Drawing No. FS.03, Detail For Fire Suppression System, solenoid valve is to be furnished and installed by the Plumbing Contractor. Joanne Schiavone, FCSI Schiavone Designs, LLC Food Facilities Planners & Consultants 59 Granada Circle Mount Sinai, New York 11766 (P) 631.403.4268 (F) 631.403.4269 jms@schiavonedesigns.com				
RFI	KBA		BISMARK	C172-2		Kitchen Solenoid Valve Follow Up		CLO	4/20/2010	5/10/2010	4/27/2010
		Please see attached JTK RFI (P) # 25.1 regarding the kitchen solenoid valve.					See attached response from Kohler Ronan dated 5/7/10.				
RFI	KBA		BISMARK	C173		Boiler B-3 Condensate		CLO	3/4/2010	3/16/2010	3/11/2010
		Please see the attached James T. Kay RFI (H) #46					See attached response from Kohler Ronan dated 3/12/10.				
RFI	KBA		BISMARK	C174		New Boiler Pipe / Control Questions		CLO	3/10/2010	3/16/2010	3/17/2010
		Please see the attached James T. Kay RFI (H) #47					See attached Kohler Ronan Sketch SKM031110.1				
RFI	KBA		BISMARK	C174-2		New Boiler Pipe/Control Questions		CLO	3/25/2010	3/25/2010	4/1/2010
		Please provide additional information regarding James T. Kay's RFI (H) #47 regarding the new boiler pipe and control configuration as discussed in the PM meeting on 3/17.					3/25/2010 Response - Please see attached revised sequence of operation Specification Section 23 09 93 Pages 4 & 5. Attachment (s): Specification Section 23 09 93 Pages 4 & 5				

Type	To	Request	From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA		BISMARK	C175		Storm Drainage Tie-In		CLO	3/10/2010		3/17/2010
		Per RFI C037 we are to tie the existing downspout and underground piping into the existing drainage structure on the North East side of the existing building with a 10" pipe. We can do that with the existing leader at that location, but can not make the tie-in through the addition from the South leader. The existing East gutter and underground piping is pitched toward the addition. We were going to tie it into the new storm system but the existing piping is at a 2 foot lower elevation in relation to our new storm and underground leader piping. Please advise if we should dig up the existing underground drainage, re-pitch to the South of the existing buildig and tie into the existing storm catch basin.						After further investigation, the existing underground leader piping along the far east elevation does not tie into the south catch basin at the entry of the existing rear courtyard. Raise the existing underground piping to tie into the new underground leader at the south of the addition.				
RFI	KBA		BISMARK	C176		Electronic Faucets in Bathrooms		CLO	3/15/2010	3/16/2010	3/22/2010
		Please see the attached Acme Electric RFI regarding electronic faucets in the addition.					See attached response from Kohler Ronan.				
RFI	KBA		BISMARK	C177		Dishwasher Electrical Requirements		CLO	3/19/2010	3/22/2010	3/22/2010
		The electrical drawings call for 110V power for the dishwasher location. The specified Lancer 815LX dishwasher has multiple power configurations. It is listed in the installation manual as 208V single phase, 208V 3-phase, 230V single phase, and 230V 3-phase. Please advise of the selected power requirements applicable for our installation. Also, please provide a suitable location to mount the electrical disconnect for the dishwasher. Is a plug installed behind the dishwasher suitable? Should a disconnect be mounted next to the dishwasher under the counter? Please advise. The CMU wall is being built on Tuesday 3/23. We need a response on this item right away.						Requirements were addressed under ASI #087_01 issued on 3/1/2010.				
RFI	KBA		BISMARK	C178		Generator Feeders		CLO	3/19/2010	3/24/2010	3/26/2010
		Please see the attached RFI from Acme Electric regarding the generator feeders.					See attached response from Kohler Ronan dated 3/23/10.				
RFI	KBA		BISMARK	C179		Recirc Pumps for Hatchery Equipment		CLO	3/25/2010	4/27/2010	4/1/2010
		Please see the attached RFI from Aquatic Habitats regarding the recirc pumps for the hatchery equipment. Also, take the following from Allan Bassel at James T. Kay into consideration when answering this RFI: "As discussed, my 2 cents on question on circulating pumps' location for sea water and fresh water: The pumps have minimum required NPSH of 4' of head at scheduled flow of 25 GPM. So for this reason I don't think pumps could be on 2nd floor, the tank level could be less than 4' and pump would have too little suction head and cavitate. I believe, when you figure the head loss of piping from the tank to the current pump location, would be about 3-1/2' or 4' of head loss. (300' x .015). So if pump is suspended overhead, say 6' below tank elevation, and tank has 2' of water in it, so 8' static head minus 4' loss when pump turns on, there will still be the minimum 4' left NPSH at the pump. I think to be safe the pumps should be low near the floor to get as much possible static head. If so we would affix them to the wall or floor, in lieu of hanging in the air from ceiling. The location on drawing is good in this scenario, there is room below the OA duct on east wall of MER."						See attached response from Kohler Ronan dated 4/26/10.				
RFI	KBA		BISMARK	C180		Piping Sleeves		CLO	3/25/2010	3/30/2010	4/1/2010
		Please see the attached JTK RFI (P) #26					See attached response from Kohler Ronan dated 3/29/10.				
RFI	KBA		BISMARK	C181		Relief Valve at Expansion Tank		CLO	3/25/2010	4/22/2010	4/1/2010
		Please see the attached JTK RFI (H) #48					See attached response from Kohler Ronan dated 04/21/10.				
RFI	KBA		BISMARK	C182		Thermostat Locations in Bathrooms		CLO	3/25/2010	3/30/2010	4/1/2010
							See attached response from Kohler Ronan dated 3/29/10.				
RFI	KBA		BISMARK	C182-2		Sensor Follow Up on RFI C182		CLO	4/1/2010	4/8/2010	4/8/2010
		Please see the attached JTK RFI (H) #49.1					See attached response from Kohler Ronan dated 04/07/10				
RFI	KBA		BISMARK	C183		Control Sensor Outside Boiler Room		CLO	3/25/2010	3/30/2010	4/1/2010
		Please see the attached JTK RFI (H) #50					See attached response from Kohler Ronan dated 3/29/10.				
RFI	KBA		BISMARK	C184		Cast Iron Boots at Rain Leaders		CLO	3/26/2010	5/3/2010	4/2/2010
		Detail 12/A3.02 indicates cast iron boots for the downspouts at all rain leaders. There is no specification for these boots. Please Advise.					Roofing contractor to provide mock-up of proposed rain leader protection covers for Owner & Architect approval. See attached proposal and sketch.				
RFI	KBA		BISMARK	C185		J - Fixtures at 2nd Flr Classrooms		CLO	3/29/2010	3/30/2010	4/5/2010
		Are the "J" fixtures located at the doorways of the 2nd floor classrooms C207, C208, and C209 to stay on constant? Please clarify.					See attached response from Kohler Ronan dated 3/30/10				

Type	To	Request From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA	BISMARK	C186		6' Markerboard SKA 4.03		CLO	3/29/2010	4/1/2010	4/5/2010
		Per Addendum #4, SKA 4.03 Details 1 and 2 at the furred out locations shows to install an 8' markerboard, 6' 5-1/2" smart board and a 6' marker board. Drawing E1.03 shows to install an "EPO" button behind the teachers station within the CMU column enclosure. This EPO switch is roughed in at this location shown. This leaves only enough room for the 8' markerboard and the 6' 5-1/2" smart board. Please provide a new location for the 6' markerboard.				See attached SKA-54 for revised EPO locations.				
RFI	KBA	BISMARK	C187		Walls in Seafood Science		CLO	3/29/2010	3/29/2010	4/5/2010
		The south "3C" and east "3B" walls of the Demonstration Area within the Seafood Science Room C-113 shown in detail 3/A6.02 are shown to come up to the elevated slab deck along 6-line. In the field there is no slab deck at this wall location, only the roof structure above, approximately 22'-10" at the highest point. The masonry is in place at these two locations only to the 14' elevation. There is no vertical reinforcing within this wall. There is only a bond beam across the top of wall. Please clarify if these walls are to run to the underside of roof deck.				The South "3C" and West "3B" CMU walls are to go to the underside of the deck,(Refer to wall types on Drawing R0.02) and as shown and called for or approved masonry reinforcement shop drawings; Elevation AW, Drawing #7. These walls are rated walls(Refer to R1.02).				
RFI	KBA	BISMARK	C188		Hatchery Pipe Through Outside Wall		CLO	3/30/2010	4/21/2010	4/6/2010
		Please see the attached James T. Kay RFI (P) #27 in regards to the hatchery pipe penetrations for the aquaculture eqiupment.				Equipment pad was moved closer to building so piping can be run out low. Refer to ASI#097-01.				
RFI	KBA	BISMARK	C189		Diffuser on Medium Pressure Duct		CLO	3/30/2010	3/31/2010	4/6/2010
		Please see the attached James T. Kay RFI (H) #51				See attached James T. Kay RFI #51 for Kohler Ronan response.				
RFI	KBA	BISMARK	C190		Lighting at Display Cases		CLO	3/30/2010	4/8/2010	4/6/2010
		Detail 1/A9.02 shows a section view of the Display Cases with fluorescent lights. The submittal for the display cases were approved with the light fixtures as well. The electrical drawings do not detail provisions to provide power for these light fixtures. Please advise.				See attached response from Kohler Ronan dated 04/07/10.				
RFI	KBA	BISMARK	C191		Geotextile Fabric		CLO	3/30/2010	4/8/2010	4/6/2010
		Please describe the extent of the Orange Geotextile Fabric, which goes 1' below the topsoil. The drawings and the Triton Specifications are a little contradicting, Please Clarify.				See attached Memorandum from Triton Enfironmental dated 04/07/10.				
RFI	KBA	BISMARK	C192		U Fixture Layout		CLO	4/1/2010	4/1/2010	4/8/2010
		Please configure the lighting layout for the "U-type" fixtures. Detail 6 on A12.02 dimensions do not coincide with the dimensions of the submittals. Please dictate which size light goes where.				Please see attached SKA-53 for layout. Please note that each "cluster" of (5) should be centered on (1) 4' x4' acoustical ceiling panel.				
RFI	KBA	BISMARK	C193		Air Handler Flow Measurement		CLO	4/1/2010	5/17/2010	4/8/2010
		Please see the attached JTK RFI (H) #52.				See attached response from Kohler Ronan dated 5/14/10.				
RFI	KBA	BISMARK	C194		Power Supply for Controls		CLO	4/1/2010	4/8/2010	4/8/2010
		Please see the attached JTK RFI (H) #53				See attached response from Kohler Ronan dated 04/01/10.				
RFI	KBA	BISMARK	C195		Unclear Wall Types		CLO	4/9/2010	4/14/2010	4/16/2010
		The attached pictures show 3 locations where the wall type is unclear above steel beams to the roof deck. Please explain what wall type these triangle shaped areas shall be? 1) North West Corner of Seafood Science 2) South West Corner of Computer Lab 3) North Wall Trash Room				1.) PROVIDE SHAFTWALL CLOSURE PER SKA-56 2.) AT EXTERIOR WALL PROVIDE WALLTYPE 11G FLUSH WITH FACE OF STRUCTURAL MEMBERS;□AT OPEN WALL BETWEEN INTERIOR SPACES PROVIDE WALL TYPE 11B 3.) PROVIDE WALLTYPE 11G FLUSH WITH FACE OF STRUCTURAL MEMBERS				
RFI	KBA	BISMARK	C196		Exterior Ramp at Front Entrance		CLO	4/12/2010	4/14/2010	4/19/2010
		On the SKL-7, what is the top elevation layout for both walls? On the bowed wall, what is the dimension from the right side of the 46'-9 1/2" dim to the strat of the bow?				See attached response for dimension.				
RFI	KBA	BISMARK	C197		GFRC Column Cover Finish		CLO	4/14/2010	4/16/2010	4/21/2010
		The specifications call for the GFRC column covers to have an integral color admixture. During the submittal process it was determined that Weathr Rok, by Plastrglas, Inc. (the approved product) does not make the GFRC columns with any color additive. It is only available in the standard grey natural color of the product and recommend a painted finish on their shop drawings. Prior to applying the anti-graffiti coating should the GFRC columns be painted? If so what color?				The GFRC column covers should be primed and painted in a paint appropriate for the material and location. The color shall be Sherwin Williams SW 7004 Snowbound.				
RFI	KBA	BISMARK	C198		AHU-2, AHU-3 Control Discrepancies		CLO	4/19/2010	4/22/2010	4/26/2010
		Please review the attached JTK RFI (H) #54 and RFI #8 from CT Controls and verify that their interpretation is correct.				See attached response from Kohler Ronan dated 04/20/10.				

Type	To	Request	From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA		BISMARK	C199		Outside Air Dampers on All AHU's		CLO	4/19/2010	4/22/2010	4/26/2010
		Please review the attached JTK RFI (H) #54 and CT Controls RFI #9 and verify if the corrections made are acceptable.					See attached response from Kohler Ronan dated 04/20/10.				
RFI	KBA		BISMARK	C200		Lab Hoods - Supply & Exhaust VAV's		CLO	4/19/2010	4/30/2010	4/26/2010
		Please review the attached RFI JTK (H) #55 and RFI #10 from CT Controls regarding the relationship between the lab hoods, supply and exhaust VAV's and their set points.					See attached response from Kohler Ronan dated 4/27/10.				
RFI	KBA		BISMARK	C201		Stair C12 Soffit		NEW	4/21/2010	4/22/2010	4/28/2010
		Drawing A2.03 within Stair C-12 indicates an Acoustical Ceiling height of 10', The sprinkler main enters the stair area along the South wall at a center line elevation of 10'. The lowest part of the piping assembly is 9'-8" clear. If we lower the acoustical grid to clear the pipe assembly we would have to lower and continue the soffit that travels North to South. This issue and description of work had taken place in the field with J. Oblon from BCC and S. Ringquist with KBA 4-21-10. Please advise.					Lower and continue the soffit north to south as required and discussed in the field on 4/21/10.				
RFI	KBA		BISMARK	C202		Alternate #14 Scope of Work		CLO	4/26/2010	4/26/2010	5/3/2010
		Please describe the required work associated with Alternate # 14, "Aluminum Cladding to be applied to all existing Window Sills and Frames".					The intent of Alternate #14 was to cover the existing wood window frames and trim with aluminum to prevent deterioration and reduce the need for maintenance. There are existing locations where the wood trim has rotted out and will need to be replaced. In lieu of aluminum trim, the wood can either be replaced with or covered by the same PVC products currently being used on the new addition. Any splits, cracks or damage to the existing wood to remain shall be repaired flush with epoxy filler. Any structural damage to the window framing will need to be assessed on a case by case basis. Any existing wood that is decorative trim only may be replaced with PVC. Any existing wood that is integral to the window installation will remain and is to be covered. No wet or rotten wood shall be covered, it shall be replaced. Ben Monroe, AIA, LEED AP+ Project Architect				
RFI	KBA		BISMARK	C203		Light Fixture Type		CLO	4/26/2010	4/26/2010	5/3/2010
		A) The Lighting Plan E 2.03 shows Lay-in fixtures for rooms C126 and C127. These rooms do not have ceilings in them, are these the correct fixtures for the space? B) The Lighting Plan E 2.03 also shows a lay-in fixture within the "Shaft Ceiling" of the Elevator Machine Room. Is this the correct fixture for this fire rated ceiling assembly?					See attached response from Kohler Ronan dated 4/26/10				
RFI	KBA		BISMARK	C204		Room C215 Fire Rating		CLO	4/26/2010	5/3/2010	5/3/2010
		The four surrounding walls of the Janitors Closet C-215 require a 1 hour fire rating. The east wall of this room is split with masonry to the underside of the low roof deck, while above the beam is metal stud drywall. Where the beam protrudes through the south wall there is no way to maintain the rating around the beam, behind the east wall of the corridor is exposed. Please explain how we can keep the rating of the room?					See attached sketch SKA-58 for fire rating details for beam and column in Room C-215.				
RFI	KBA		BISMARK	C205		Flat Roof SE Corner Expansion Joint		CLO	4/26/2010	4/30/2010	5/3/2010
		The south east corner of the flat roof requires an expansion joint against the existing building on the top and along each side of the parapet. The existing building is vinyl sided. What expansion detail should we use at this location? Can the rubber roofing expansion be used at this location like the northwest parapet?					Rubber roofing expansion joint can be used. See attached sketch SKA-57.				
RFI	KBA		BISMARK	C206		Emergency Generator / BAS Coord.		CLO	4/27/2010	4/30/2010	5/4/2010
		Please see the attached James T. Kay RFI (H) #56.					See attached response from Kohler Ronan dated 4/29/10,				
RFI	KBA		BISMARK	C207		Hot Water Relief Discharge		CLO	4/30/2010	5/3/2010	5/7/2010
		Please see the attached JTK RFI (H) #57 in regards to the hot water relief discharge.					See attached response from Kohler Ronan dated 5/3/10				
RFI	KBA		BISMARK	C208		Hatchery Service Piping		CLO	4/30/2010	5/17/2010	5/7/2010
		Please see James T. Kay RFI (P) #28 in regards to the hatchery service piping.					See attached response from Kohler Ronan dated 5/14/10.				
RFI	KBA		BISMARK	C209		Mechanical Rm CUH-4 Units		CLO	5/4/2010	5/12/2010	5/11/2010
		CUH-4 heaters are shown on the M3.01 drawings in Mechanical Rms C128, C204, and C216. However, only (1) heater is shown on the Electrical Drawing E3.01 in Rm C128. Please advise on the electrical feeds for the remaining (2) heaters.					See attached response from Kohler Ronan dated 05/11/10.				

Type	To	Request	From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA		BISMARK	C210		Aluminum Entrances C104A and C107A		CLO	5/12/2010	5/14/2010	5/19/2010
		The aluminum entrances C104A and C107A listed in the hardware schedule call out to receive a pair of 36" FRP Doors at each opening, The masonry opening at each location shows to be 6'-4". Per the contract documents the aluminum entries are required to be heavy duty hurricane resistant frames, which in the submittal the manufacturer recommended the masonry opening to be an overall 6'-5 ¾" to allow for the 36" pair of doors and the heavier 2 ½" wide jambs. When returned, the submittal came back corrected to a 6'-4" masonry opening. In the field we have a completed 6'-4" masonry opening and the four 36" FRP doors are on site, The specified masonry opening with the specified frame does not accommodate the pair of 36" Doors. Please provide direction in getting the opening corrected.		As reviewed on site 3 weeks ago with the storefront contractor, the side frames will be reduced to 2" in order to fit in the 6'-4" opening.			
RFI	KBA		BISMARK	C211		Technology Clarifications		CLO	5/12/2010	5/14/2010	5/19/2010
		Please review the following questions regarding the technology requiremnts: 1) What are the heights for the wireless access points in the Hatchery? There is no ceiling, where should they be fastened? 2) Where are the coax cables for the TV's going to terminate? 3) Is there to be a coax back bone installed between closets? 4) Where do the analog phone lines get terminated? 5) Should there be a copper interconnect between all data closets?		See attached response from CES dated 05/14/10.			
RFI	KBA		BISMARK	C212		Chiller Line Strainer		CLO	5/13/2010	5/17/2010	5/20/2010
		Please see the attached James T. Kay RFI (H) #58 regarding a chiller line strainer.		See attached response from Kohler Ronan dated 5/14/10.							
RFI	KBA		BISMARK	C213		Fume Hood Connections		NEW	5/13/2010		5/20/2010
		See attached James T. Kay RFI (P) #29 regarding the fume hood connections.									
RFI	KBA		BISMARK	C214		Ventilation in Elevator Machine Rm		CLO	5/20/2010	6/3/2010	5/27/2010
		Is ventilation required within the elevator machine room?		See attached response from Kohler Ronan dated 06/02/10.							
RFI	KBA		BISMARK	C215		Shaft Enclosure at Kitchen Hood		CLO	5/20/2010	5/25/2010	5/27/2010
		Is it necessary to have a shaft enclosure around the kitchen hood to the roof deck as shown within the Seafood Science room with the type of hood and 2 hour duct wrap that is installed? If so, please show where the enclosure is to tie in at the hood.		See attached response from Kohler Ronan dated 5/21/10.							
RFI	KBA		BISMARK	C216		Power for Seafood Science Walk-Ins		NEW	6/4/2010		6/11/2010
		It is not shown where to get the power for the Seafood Science Refrigerator / Freezer Compressor from. Is it acceptable to pull the feeds for the compressor (located on the flat roof) from one of the panels that services the Kitchen? Please advise which panel we can go out of.									
RFI	KBA		BISMARK	C217		B1 Fixtures in Corridor A2		CLO	6/4/2010	6/14/2010	6/11/2010
		Drawing E2.01 shows B1 fixtures for new corridor A2 within a shaft ceiling assembly. These light fiztures are 2' x 4' lay ins for acoustical ceilings. Are these fixtures the correct fixture for this space?		See attached response from Kohler Ronan dated 6/10/10.							
RFI	KBA		BISMARK	C218		Shaft Assembly @ Coridor A2		CLO	6/4/2010	6/7/2010	6/11/2010
		Drawing A2.01 shows a shaftwall seperation ceiling for the new egress corridor of A-2. On Drawing A4.01 detail 10 discusses shaft assembly within the sloped roof area. Is a shaft assembly for the flat ceiling required?		Yes, the same shaft wall assembly is to be provided across the horizontal area within the stair vestibule as per RCP on A2.01.							
RFI	KBA		BISMARK	C219		Area B / Tower Data and Electrical		CLO	6/7/2010	6/22/2010	6/14/2010
		1) In Area B there is teledata shown under tables on the 2nd and 3rd floors. Is power needed? There is no power shown on the drawings. 2) Please provide heights of all data and electrical outlets for each level of the tower. 3) Please confirm that the use of wiremold for all of the data and electirical outlets throughout the existing masonry walls of the tower is acceptable. Any new walls will have recessed raceways.		See attached response from Kohler Ronan dated 6/21/10							
RFI	KBA		BISMARK	C220		Bollard Color		CLO	6/8/2010	6/9/2010	6/15/2010
		Is it acceptable to the State of CT to paint all of the exterior site bollards a different color than a high visibility color such as "Safety Yellow"?		Yes. Bollards can be painted any color.							

Type	To	Request From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA	BISMARK	C233		Computer Room Floor Boxes		CLO	7/1/2010	7/13/2010	7/8/2010
		At some point between ASI 007 and the FFE drawing the floor data outlets in the Computer Lab C117 changed from all 2 gang floor receptacles to a mixture of 2, 4 and 6 gang receptacles. ASI 007 indicates a Wiremold 861AMDTC receptacle for the 2 gang units. There are no equivalent receptacle for this model in 4 and 6 gang units. Please review the attached cut sheet for the receptacle which Acme has proposed along with their attached letter and forward your thoughts. After our PM Meeting on 6/30 it was determined that the Model AFB401BK on the attached cut sheet can be used to provide the specified quantity of power connections and data connections. Please confirm that this is acceptable.		See attached response from Kohler Ronan dated 7/9/10.			
RFI	KBA	BISMARK	C234		Egress Pads at B110B and B110C		CLO	7/8/2010	7/13/2010	7/15/2010
		Should the exterior concrete egress pads outside of doors B110B and B110C be raised to create a flush condition exiting the building in this area?				Providing accessibility to these doors is not required as part of this project scope and the existing conditions may remain.				
RFI	KBA	BISMARK	C235		SWP-1 Configuration		CLO	7/9/2010	8/3/2010	7/16/2010
		See the attached JRK RFI (P) #30 regarding the SWP-1 pump configuration.				See attached response from Kohler Ronan dated 7/12/10.				
RFI	KBA	BISMARK	C236		Heat Detectors in Elev. Mach. Room		CLO	7/12/2010	7/15/2010	7/19/2010
		Drawing FP1.03 shows (1) sprinkler head in the elevator machine room. The fire protection shop drawings/coord. drawings show (2) sprinkler heads. A heat detector is required within 2 feet of each sprinkler head according to the elevator installer. The distance between sprinkler heads is too great to allow for (1) heat detector to serve both sprinkler heads. Please see the attached RFI from Acme Electric regarding the heat detectors required for the space and advise.				See attached response from Kohler Ronan dated 07/13/10.				
RFI	KBA	BISMARK	C237		Flooring at Area of Refuge		CLO	7/14/2010	7/20/2010	7/21/2010
		Detail 5/A12.02 shows a border of RT-2 (Rubber Tile) around the area refuge locations. Also shown is EP-2 for the painted handicap accessibility symbol on the floor. The finish schedule does not specify a color for either of these items. Please advise.				Provide specified Nora - Norament 925 Grano in "4880 Drusy" for RT-2. Provide ICI - "A2014 Obsidian Glass" for EP-2.				
RFI	KBA	BISMARK	C238		Corridor A113A Shaft Assembly		NEW	7/14/2010		7/14/2010
		Corridor A113A and Vestibule A114 call for a 1 hour horizontal shaft assembly above the new acoustical ceiling. Is it acceptable to use a 1 hour fluid applied system, applied direct to the slab deck above, in lieu of the horizontal shaft assembly at this location?								
RFI	KBA	BISMARK	C239		AC-3 Discharge		CLO	7/28/2010	8/3/2010	8/4/2010
		Please review the attached James T. Kay RFI (H) #61 and advise.				See attached response from Kohler Ronan dated 07/28/10.				
RFI	KBA	BISMARK	C240		Relocation of Existing Autoclave		NEW	7/29/2010	8/19/2010	8/5/2010
		The Existing Autoclave is to be relocated per the contract documents, Drawing D1.01 Demolition note 6. The new location is in the "New" Storage Rm C129 of the Addition, This Autoclave Unit will not fit through the door into the Storage Rm, This Unit also needs Hot and Cold Water supply and Drain, Please provide new location and where to tie in for the Hot and Cold Water along with the drain.				See attached response from Kohler Ronan dated 08/18/10.				
RFI	KBA	BISMARK	C241		Domestic Overflow Size		CLO	7/29/2010	8/3/2010	8/5/2010
		The new Domestic Water Backflow Preventer has an Overflow Drain that is to be Sized according to the Chart located on drawing P3.01 detail 6. When following the Chart the Overflow pipe size required would be a 10" line, which then gets upsized (1) pipe size to a 12" open hub located 8" above ground which then would flow into the Storm system. Would it be acceptable to use a "Cow Tongue" overflow drain with a Splash block and let any water flow to the yard drain instead? Please provide size of "Cow Tongue" required				See attached response from Kohler Ronan dated 7/30/10.				
RFI	KBA	BISMARK	C242		Panel Radiator Insulation		CLO	10/4/2010	10/18/2010	10/11/2010
		Please see the attached JTK RFI (H) #62 regarding the panel radiator insulation.				See attached response from Kohler Ronan dated 10/04/10.				

Type	To	Request	From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA		BISMARK	PB 001		Dwg E1.00 Site Lighting Fixtures		CLO	1/23/2009	2/5/2009	1/27/2009
		Drawing # E 1.00 "Site Lighting Notes" directs the electrician to provide and install new light fixtures on poles. Please advise what the fixture types are.					Base (Option #1) SA1 - Spaulding Cimarron#CR1-A-P20-H3-F-Q-DB-RPA5/RSA-20-50-A2-DB (1) 200W MH SA2 - Spaulding Cimarron#(2)CR1-A-P20-H3-F-Q-DB-RPA5/RSA-20-50-C2-DB (2) 200W MH SA3 - Spaulding Cimarron#CR1-A-P10-H3-F-Q-DB-RPA4/RSA-12-40-A2-DB (1) 100W MH Alternate #18:)Option#2) SA1-AAL Universe#UCM-SR-STR-H3-150MH-LGY/SLA 17C(5)/PR5R20-250-LGY (1) 150W MH SA2 - AAL Universe #(2)UCM-SR-STR-H3-100MH-LGY/SLA 20C/PR4 4R12-226-LGY (2) 150W MH SAI- AAL Universe#UCM-SR-STR-H3-100MH-LGY/SLA 20C/PR4 4R12-226-LGY (1) 100W MH				
RFI	KBA		BISMARK	PB 002		Dwg ED 1.01 Relocation of Generator		CLO	1/23/2009	2/5/2009	1/27/2009
		Drawing ED 1.01 directs the Electrical Contractor to relocate the existing generator. 1. We were informed by the BOE that this generator does not function. 2. What does this generator currently serve? 3. Please advise if any work will be required for these existing generator loads after it is relocated. 4. Is there an annunciator panel for the generator, and will it also need to be relocated? If so, what does it require for wiring? 5. What size conduit and what are the wiring requirements for the generator controls?					1-5) Due to the generator not functioning, the existing generator will be disconnected and abandoned. The emergency loads being served from this generator will now be fed from the new generator. An update riser will be issued showing modifications.				
RFI	KBA		BISMARK	PB 003		Contractor Wage Certification Form		CLO	1/23/2009	1/28/2009	1/27/2009
		Section 00 00 10 Invitation To Bid: Part (A) states in part "bidders will submit...," on item 4., sub-item e. Contractor Wage Certification form (spec. section 000840). Section 000840 does not contain a "statement of compliance" form Please advise.					New Wage Certification Form was attained from the State of CT and will be distributed through Addendum #2.				
RFI	KBA		BISMARK	PB 004		088000 Glazing Types		CLO	1/23/2009	1/29/2009	1/27/2009
		088000 -Glazing calls for type "F" insulated / laminated glass. Glazing Schedule on A8.01 indicates type "C" and "D" one of which is shaded. These types are not in specifications. Please Advise.					See KBA Addendum #2 for Response Section 08 80 00 "Glazing" Paragraph 2.10 Replace "Type F" with "Type C and Type D"				

Type	To	Request From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA	BISMARK	PB 005		Door Schedule Clarifications		CLO	1/26/2009	2/12/2009	1/29/2009
		1. Door. C114is shown on DWG A1.03as a RHR, But the Door Sched. lists this opening as a LHR, the Drawings seem correct, Please address and make correction to Door Schedule. 2. Door C116 is shown on DWG A1.03 as a LHR but is listed in the Door Sched. as a LH, Please address and make correction to Door Schedule. 3. Door C120 is shown on DWG A1.03 as a LH, but listed in Door Sched as a RH, Please address and make correction to Door Sched. Should be LH? 4. Door C125A is shown on DWG A1.03 as a 4'-0" wide door, but the Door Sched. lists it as a 3'-0" door Please make correction to size, should this be a 4'-0" door? 5. Door C125B is shown on DWG A1.03 as a 3'-0" wide door opening but listed as a 4'-0" in the Door Schedule, Please make correction to size this door is an exterior FRP. 6. Door C127A is shown on DWG A1.03 as a RHR, but listed in Door Sched. as a LHR, please address and make correction to Hand. 7. Door opening C128A, Mechanical Room exterior exiting double doors swing into the Mechanical Room, Should these doors swing out of Mechanical Room? 8. Door C137A is shown on DWG A1.03, but listed in the Door Schedule as C137, Please make correction to as C137A. 9. Door C11A is Specifically shown on DWG A1.03 as a 3'-0" door, but is listed as a 4'-0" wide door in the door sched. Please advise which is correct? 10. Door C11B is specifically shown as a 3'-0" wide door in detail 4 / A4.03, but is listed in the door sched. as a 4'-0" wide door, Please advise which is correct? 11. Overhead doors C136B & C136D are not labeled on A1.03 as to which opening is which, please label which opening would get what number.(Ex: North opening would be C136D) 12. Why does C204A require to be Stainless Steel? And if so does Door opening C204B need to be Stainless Steel as well? 13. Door opening C216 is listed as a "Single Door Leaf" in the door schedule, but is shown as a Double Door Leaf on DWG A1.04, please make correction to as a "Double Door Leaf"	Please see attached RFI for responses.			
RFI	KBA	BISMARK	PB 006		Splice Box and Hand Hole		CLO	1/28/2009	1/30/2009	1/30/2009
		Please forward Specs for UL splice box and hand hole indicated on E1.00				Refer to specification section 260533 for specs.				
RFI	KBA	BISMARK	PB 007		Add Alt #9 on E1.00		CLO	1/28/2009	2/5/2009	1/30/2009
		On Drawing E1.00 an Alternate #9 calls for new site poles and fixtures. In the Specifications Alternate #9 refers to Precast Piles. Please correct notation on Drawing E1.00 and coordinate Alternates. Also, provide a specification on the site poles and fixtures.				See SKL 3.02 which defines the scope of site lighting for work under base bid and Alternate #18 "parking lot lighting". See Electrical Drawings for additional information.				
RFI	KBA	BISMARK	PB 008		Double Duplex Drop Cord		CLO	1/28/2009	2/12/2009	1/30/2009
		There is no specification for the Double Duplex Drop Cords as shown on DWG E1.02				Double Duplex Drop Cords shall be COXREELS Power Cord Reel with Quad Receptacles - Model #PC13-5012-B. Steve Chang Kohler Ronan, LLC				

Type	To	Request From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA	BISMARK	PB 009		Incomplete Riser Diagram		CLO	1/28/2009	2/12/2009	1/30/2009
	In general the riser is incomplete. 1) What is the feeder size to RP-1K? 2) What is the feeder size to SR-1K? 3) What is the feeder size to RP-1H? 4) What is the feeder size to transformer B servind ER-1? 5) What is the feeder size to transformer C serving SR-1? 6) What is the feeder size to Transformer B serving RP-2? 7) RP-1 has a 3p, 100 with note to feed RP-1K via transformer - yet no transfer is shown. 8) LP-1 Breaker is shown for 30-KVA transformer appears to be incorrect. 9) LP-2 does not appear to have a breaker to serve 30 KVA transformer, which serves RP-2. 10) SP-1 does not appear to have a breaker to feed 75 KVA transformer. 11) Panel SR-1 has a 3p, 150-amp breaker to service panel SR-1K via transformer - (no transformer shown)					1) 4#2 + 6G in 1 ¼" C. 7) To read, "PNL – RP-1K" 2) 4#3/0 + 1G in 2" C. 8) To be a 50A, 3P CB. 3) 4#4/0 + 4G in 2 ½" C. 9) Circuits 20, 22, 24 4) 3#8 + 10G in 1" C. 10) Circuits 38, 40, 42 5) 3#2/0 + 6G in 2" C. 11) No transformer needed. Both panels are 120V. 6) 3#8 + 10G in 1" C. 7) To read, "PNL – RP-1K" 8) To be a 50A, 3P CB. 9) Circuits 20, 22, 24 10) Circuits 38, 40, 42 11) No transformer needed. Both panels are 120V. Steve Chang Kohler Ronan, LLC February 3, 2009				
RFI	KBA	BISMARK	PB 010		Alternate #13 Parking Lot		CLO	1/28/2009	2/5/2009	1/30/2009
	Detail 1B/L6.01 is referenced on Drawing L3.01. There does not seem to be a detail 1B on Sheet L6.01. Also Alternate #13 calls for the extent of the work to be detailed on L3.01 but there is no clear distinction of the scope. Are the curbs included, etc.?					Detail 1B is shown on L3.01 as part of a split pavement section A/B. See attached SKL-3.04 for extent of work in Alternate #13. Refer back to L3.01 for improvements within the area defined as Alternate #13.				
RFI	KBA	BISMARK	PB 011		Color Environmental Drawing		CLO	1/29/2009	2/12/2009	2/2/2009
	Is there a color coordinated Environmental drawing? Listed within the Spec section 02-61-00, Environmental Supplementary Conditions pg 4 of 18. the drawing shows colors in the Sample Legend, however it is in Black & White.					A color version of the Triton Environmental Attachment "A" ENVIRONMENTAL FIGURES Figure 1 - Site Plan Showing PCB Concentrations is provided in Addendum #4 with the Triton Environmental, Inc. specification section labeled ENVIRONMENTAL SUPPLEMENTARY CONDITIONS.				
RFI	KBA	BISMARK	PB 012		Type D Glass (Shading)		CLO	1/29/2009	2/12/2009	2/2/2009
	Glass type "D" is called out as insulated laminated with shading. Glazing specification does not call for any tinted glass. Please provide glass make up for insulated laminated tinted glass.					See Addendum #2 and PB004				
RFI	KBA	BISMARK	PB 013		ACCU - 6		CLO	1/30/2009	2/12/2009	2/3/2009
	Does ACCU-6 shown on drawing M1.01 require a new exterior concrete pad?					The intent is to have a concrete pad under all equipment. Please see note 7 under Mechanical General Notes on drawing M0.01. Stephen Ronan (Kohler Ronan, LLC) Feb. 2, 2009				
RFI	KBA	BISMARK	PB 014		Dust Collector Pad		CLO	1/30/2009	2/12/2009	2/3/2009
	Does the relocated dust collector located on Dwg M1.02 require a new exterior concrete pad?					See attached sketch SKL 4.04 for dust collector pad size and location and issued in Addendum No. 4.				
RFI	KBA	BISMARK	PB 015		M1.01 Controls Note		CLO	1/30/2009	2/12/2009	2/3/2009
	Note on M1.01 "Provide pricing to integrate existing controls associated with the existing BMS control computer to the new BMS system" needs to be clarified to include this work as part of the base bid. As it is written it appears as though it is a separate price.					Base bid includes the controls required to bring existing heating system on the new BMS system to conform to the sequence of operations with the addition of a 3rd boiler. Separate pricing is required for the balance of the existing system for all control points and devices associated with the existing system, to be migrated to the new BMS serving the area C Building and the heating system. Erik D. Bodelsen (Kohler Ronan, LLC) Feb. 2, 2009				
RFI	KBA	BISMARK	PB 016		Panel P1		CLO	1/30/2009	2/12/2009	2/3/2009
	On drawing E1.00 , CH1 shows a feeder going to panel P1 circuits 13, 15, and 17. Panel P1 can not be found on the drawings. Please advise.					CH - 1 to be fed from MDB, not Panel P-1.				
RFI	KBA	BISMARK	PB 017		Transformer in Electrical Rm. E1.02		CLO	1/30/2009	2/12/2009	2/3/2009
	The transformer schedule on drawing E5.00 does not show specifications for the new 150KVA transformer to be installed in Electrical Room B 122 which is shown on drawing E1.02. Please provide specifications.					150KVA transformer, 480v Primary: 208Y/120v secondary 115° temp. rise. Utilize manufacturers per Division 26 specs. Steve Chang Kohler Ronan, LLC February 3, 2009				
RFI	KBA	BISMARK	PB 018		Autoclave Relocation		CLO	1/30/2009	2/12/2009	2/3/2009
	Drawing E1.03, Note 1 reads: Electrical Contractor shall re-circuit relocated Autoclave according to the manufacturer's specifications. Please provide the manufacturer's specifications,					Autoclave requires a 208v/1-phase connection. Provide 20A, 2P circuit breaker in panel RP-1. Provide 2#12 + G on ¾" conduit and associated disconnect switch. Steve Chang Kohler Ronan, LLC February 3, 2009				
RFI	KBA	BISMARK	PB 019		Pipe drops at Hatchery		CLO	1/30/2009	2/12/2009	2/3/2009
	Drawing P1.03 Note reads: The Aquaculture Hatchery Consultant shall be responsible for connecting & providing pipe drops from air, sea water, fresh water, & cold water to Hatchery Equipment. The consultant shall provide a minimum of 20 drops per each system. Please confirm that this is correct.					Yes, this is correct per the request of the Hatchery Consultant. Stephen Ronan (Kohler Ronan, LLC) Feb. 2, 1009				

Type	To	Request	From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA		BISMARK	PB 020		Window Details		CLO	1/31/2009	2/12/2009	2/3/2009
		Please clarify the following: Frame type A5 is keyed with the following details, H-9, J-9, S-3, they do not exist on sheets A8.02 or A8.03. The only detail that exists is the horizontal mullion marked as M1. M1 is a fire rated steel window detail. Are we to assume that the type A5 units are to be supplied under section 084413.13 Fire Rated Steel Curtain Walls because there is no specification section for fire rated windows. Details ALH-7, ALJ-7, ALS-6 and M2 on sheet A8.03 are not used on any of the windows shown on sheet A8.01. Is this correct or are the elevations not keyed in properly?			See SKA-4.01 issued in Addendum #4			
RFI	KBA		BISMARK	PB 021		Alternate #10 Existing BMS		CLO	1/31/2009	2/12/2009	2/3/2009
		Alternate #10 refers to pricing of the existing BMS. Is there a set of the As-Builts for the existing BMS and a set of As-Builts for the existing mechanical system?					We have not been provided wtih As Builts for the existing building. Stephen Ronan (Kohler Ronan, LLC) Feb. 2, 1009				
RFI	KBA		BISMARK	PB 022		BMS System Manufacturer		CLO	1/31/2009	2/12/2009	2/3/2009
		Is Trane an acceptable manufacturer for the Building Management System?					Trane is not one of the existing manufacturers listed in 23 09 00. Please use one of the 5 manufacturers listed. Stephen Ronan (Kohler Ronan, LLC) Feb. 2, 2009				
RFI	KBA		BISMARK	PB 023		M4.02 note clarification		CLO	1/31/2009	2/12/2009	2/3/2009
		Please clarify statement on M4.02 note to "evaluate the existing heating system". Example: What is the action to take for an operating heating valve, but is leaking by? Does Mechanical Contractor repair/replace or notify owner? What does the Mechanical Contractor do with components that may be out of calibration?					Evaluation is not for viability but for contractor to identify all control, alarm monitoring and safety points. All existing valves, actuators, wiring, sensors, safeties shall be replaced with new devices by this contractor. Installation shall be provided and be in conformance with sequence of operations in Section 23 09 93. Erik D. Bodelsen (Kohler Ronan, LLC) Feb. 2, 2009				
RFI	KBA		BISMARK	PB 024		Roof Curb Detail		CLO	1/31/2009	2/5/2009	2/3/2009
		Detail 17/A3.02 shows a typical roof curb detail for new and existing parts of the building. Do pre-manufactured curbs have integrated insulation and wood blocking? If not, do unit flanges have provisions to install 1.5" ISO and wood blocking?					Refer to mechanical specifications for the referenced equipment curb model and manufacturer. Provide insulation and wood blocking if not provided/ installed by the manufacturer specified.				
RFI	KBA		BISMARK	PB 025		Expansion Joint Details		CLO	1/31/2009	2/5/2009	2/3/2009
		Detail 31 and 32 on A3.03 show two expansion joints. Is the masonry wall a free standing structure?					Yes, the fire wall between the two buildings is a buttressed free standing structure.				
RFI	KBA		BISMARK	PB 026		Roof Assembly A		CLO	1/31/2009	2/5/2009	2/3/2009
		Is base bid roof assembly A an EPDM roof as per the description on the drawings or is it a PVC roof as per the description in the specifications.					- EPDM is on the flat roof of base bid. - PVC is on the flat roof of alternates #1 & #3 with decord rib PVC.				
RFI	KBA		BISMARK	PB 027		Tempered Water Tie-In to Solenoid		CLO	1/31/2009	2/12/2009	2/3/2009
		Please refer to Detail 1 on Drawing P2.02 (See Attachment). Indicate where "TW" tempered water ties into from the solenoid valve in the seafood lab.					Refer to sketch SKP-4.03 for tempered water piping issued in Addendum #4 dated 2/9/09. Sally L. Feuerberg (Kohler Ronan, LLC) Feb. 3, 2009				
RFI	KBA		BISMARK	PB 028		Carrier's for Water Closets		CLO	1/31/2009	2/12/2009	2/3/2009
		Plumbing Fixture schedule on drawing P4.01 indicates floor mounted water closets for fixtures W-1 and W-2 and wall mounted for W-3. However, each fixture calls for a carrier. The details also indicate otherwise. Please clarify which water closets should be wall hung and which should be floor mounted.					The only wall mounted water closet (W3) is in Building "A"; toilet #A137. Sally L. Feuerberg (Kohler Ronan, LLC) Feb. 2, 2009				
RFI	KBA		BISMARK	PB 029		Overflow Piping for Roof Drain		CLO	1/31/2009	2/12/2009	2/3/2009
		Please refer to drawing P1.03, between column lines P & M and 1.2 & 6. There is no overflow piping shown from the roof drain. Even with a Froet bi-functional drain, both storm and overflow piping is still required.					Storm piping shown on drawing P1.03. Refer to SKP-020309-1 for overflow piping. Sally L. Feuerberg (Kohler Ronan, LLC) Feb. 3, 2009				
RFI	KBA		BISMARK	PB 030		Emergency Gas Shut Off System		CLO	1/31/2009	2/12/2009	2/3/2009
		On Drawing P4.01, the plumbing fixture schedule indicates an emergency gas shut off system, whereas none are shown on the drawings. Drawing P4.03 indicates a utility shut off system, which is detailed on the drawings. Is the emergency gas system required? Or is it redundant?					Emergency gas shut off system referenced on "Valve Schedule" on drawing P4.02 will be eliminated. Refer to sketch SKP-020309-2 issued in Addendum #4. Sally L. Feuerberg (Kohler Ronan, LLC) Feb. 3, 2009				

Type	To	Request	From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA		BISMARK	PB 031		Underground Piping		CLO	1/31/2009	2/12/2009	2/3/2009
		Drawing P4.02 pipe & fitting schedule indicates above & below ground soil, waste and vent to be cast iron. For the hatchery, PVC is scheduled for above & below ground soil, waste and vent. However, the underground of the hatchery will tie into the rest of the system, which would be cast iron, out to the sanitary sewer. Should all underground be PVC?					No. Piping to be as specified on contract document.				
RFI	KBA		BISMARK	PB 032		Waste Piping in Labs		CLO	2/3/2009	2/12/2009	2/4/2009
		On Drawing P2.01, detail 3, the waste piping from the labs is indicated as cast iron, however it is shown as acid waste on detail 10, drawing P3.01. We are assuming it to be cast iron underground. Please confirm. Secondly, does the piping after the neutralization cartridge need to be PVDF?					Acid waste piping shall run per detail #10 on drawing P3.01. Acid waste pipe shall be run underground, not cast iron, until the point that it ties into the building main which is cast iron. Peter S. Beltz, P.E. (Kohler Ronan, LLC) Feb. 3, 2009				
RFI	KBA		BISMARK	PB 033		Acceptable Manufacturer's		CLO	2/3/2009	2/12/2009	2/4/2009
		Listed below are a few items within the spec that Trane has requested to be added to as an acceptable manufacturer. For both thermal recovery and storage products, the manufacturer that Trane reps for seamless control integration are in parenthesis. Air Terminal Units (Calmac) Air to Air Recovery Unit (Trane or Xetex) Modular Air Handler (Trane) Ice Tanks (Calmac) Is this acceptable?					Please use the manufacturers listed in the specification				
RFI	KBA		BISMARK	PB 034		ERW Resinous Wall System		CLO	2/3/2009	2/12/2009	2/4/2009
		"ERW resinous wall system" calls for 1 topcoat of Envirotop. The manufacturer, Dur-A-Flex, reccomends 2 topcoats. Should this be priced for only 1 topcoat?					Price for two (2) topcoats. See Addendum #3 for specification changes.				
RFI	KBA		BISMARK	PB 035		Epoxy Floor and Epoxy Wall		CLO	2/3/2009	2/12/2009	2/4/2009
		Spec Section 090600 #2 asks for a "marine edge". What is a "marine edge"?					A "marine" edge is a chamfered edge.				
RFI	KBA		BISMARK	PB 036		Spec Section 090600 Finish Legend		CLO	2/3/2009	2/11/2009	2/4/2009
		EP1 and EP2 do not show a manufacturer. Can "Dur-A-Flex" be used for this material to be used on walls in Hatchery Lab?					For specified epoxy coating manufacturers, please see section 09 91 00.				
RFI	KBA		BISMARK	PB 037		Spec Section 09 67 23 "ERF-3"		CLO	2/4/2009	2/13/2009	2/5/2009
		There is no spec for "ERF-3". Will there be a specification provided for "ERF-3"?					ERF-1 and ERF-3 are the same product. Only difference is the color selected. Also, ERB-1 and ERB-3 are the same product, with the only difference being the color selected.				
RFI	KBA		BISMARK	PB 038		Pipe Sizing to and from HW Heater		CLO	2/4/2009	2/17/2009	2/5/2009
		Detail 5 on drawing P3.01 shows 3" CW and 2 1/2" HW piping to and from the water heater. , whereas detail 2 on drawings P2.01 and P1.03 show 2" CW and HW. What sizes are correct?					See attached response from Kohler Ronan dated 02/13/09				
RFI	KBA		BISMARK	PB 039		Alternate #16 Note on T Drawings		CLO	2/4/2009	2/13/2009	2/5/2009
		On the Technology drawings, it states in the notes "All Division 27 Technology cabling shall be provided and installed by Division 26.", Is all the cabling to be done by Bid Package 1.14 - Electrical? The Technology Drawings note is designated by the title "Alternate #16," which relates to Security. We feel this note should be referencing Alternate #11 which relates to Technology? Are we correct?					1. If alternate No. 11 is accepted, the technology infrastructure wiring will be furnished and installed in the Electrical Bid Package. 2. Technology drawings have been revised to indicate Alternate No. 11 and not Alternate No. 16.				
RFI	KBA		BISMARK	PB 040		Concrete Ramp DWG A1.03		CLO	2/4/2009	2/5/2009	2/5/2009
		There is a ramp located in the area bounded by column lines 1, 2, L, and P on drawing A1.03. Section F10 (which appears to be a cut at both the top and bottom of the ramp) indicates a level slab at elevation -2'-0". Section F9 however does indicate a sloped slab. Does the entire slab slope from 0'-0" to -2'-0"? Please provide clearer sections in this area to depict the actual requirements.					The entire ramp slab, at the location noted above, is sloped. Between the underside of slab and top of grade beam toward elevation 0' -0", along column line 1, shall shave a sloping concrete infill similar to section F8/S5.03. Section F10/S5.03 indicates the "Top of Main Level Floor Elevation Varies".				
RFI	KBA		BISMARK	PB 041		Waterstop Rx in Trench Joints		CLO	2/4/2009	2/5/2009	2/5/2009
		Will waterstop Rx be required in trench joints (none indicated)?					Rx waterstop shall be between the grade beam and slab joints at trench locations only (F5 & F6 "Trench at Greade Beam" sections on S5.02). The waterstop shall be between the inside face of the trench and the reinforcing.				

Type	To	Request From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA	BISMARK	PB 042		Concrete Questions		CLO	2/4/2009	2/24/2009	2/5/2009
		1) Where is section F3 taken from on Drawing S5.01				1) Section F3 was replaced by Section F20				
		2) In Section #7 on Drawing S5.02 does the vapor barrier wrap around the elevator pit?				2) The vapor barrier shall be turned down 1'-0" below the slab shelf on the inside of the grade beam				
		3) Is the 10" slab depth correct at Section F12 on Drawing S5.04?				3) The slab between F-B & 14/15 is a 12" slab with a 2" depression at the high density storage location. At the 2" depression, the top slab reinforcing will be recessed 2", creating a 10" slab thickness.				
		4) Can you please provide a typical construction joint detail for slab on grade on Drawing S8.01?				4) See spec section 03 30 00 3.3.A				
		5) The concrete mix noted in general notes on Drawing S8.01 differs from the Specification Section 03 30 00. Please Clarify.				5) The Specification Section is correct				
		6) Are saw cuts at floor control joints allowed on Drawing S8.01?				6) No				
		7) Are diamond isolation joints required at columns on Drawing S8.01?				7) Column box-outs are required for column erection purposes				
		8) Does the vapor barrier extend to the outside face of the exterior grade beam on Drawing S8.02?				8) The vapor barrier shall be turned down 1'-0" below the slab shelf on the inside of the grade beam				
		9) Where is detail #21 taken from on Drawing A9.01?				9) Replace detail 21/A9.01 with the note "NOT USED"; also, see addendum No. 4 for additional information				
		10) In Specification Section 07 92 00 sealants are not indicated at the joint between the slab and foundation walls, is this required?				10) Sealants are not required between the slab and the foundation wall				
RFI	KBA	BISMARK	PB 043		Electrical Symbol in Chem/Bio Labs		CLO	2/4/2009	2/17/2009	2/5/2009
		Please identify the attached symbol shown in the Chem Lab and Bio Lab.				Symbol represents wall mounted junction box. However, in areas in question, these symbols represent floor mounted junction boxes. Drawings have been updated to reflect this.				
RFI	KBA	BISMARK	PB 044		Plantings		CLO	2/4/2009	2/5/2009	2/5/2009
		On the planting list there are 9 MP designated. There are no MP plants shown on the planting drawing. However there are 9 PO plants. Should the MP be changed to PO in the planting list or vice versa?				Plant code MP=PO. Change 9 PO shown on the planting plant L5.01 to 9MP.				
RFI	KBA	BISMARK	PB 045		Nailboard Insulation Shingle Roofs		CLO	2/5/2009	2/13/2009	2/6/2009
		Please clarify the required thickness of the nailboard insulation for the shingle roofs. On Drawing A3.01 Roof Type B calls for the 4-1/2" rigid insulation with 6" total nailboard thickness. Spec Section 06 16 00, 2.3-A.2, calls for 3-1/2" insulation thickness (5" total nailboard thickness)				Drawing A3.01 is correct. Roof Type "B" shall have 4 1/2: rigid insulation for a total nailboard thickness of 6".				
RFI	KBA	BISMARK	PB 046		Details not found on S1.01		CLO	2/5/2009	2/24/2009	2/6/2009
		Sections F3/S5.01 and F16/S5.05 appear on their respective drawing, but DO NOT appear on the S1.01 foundation plan.				Section F3 was replaced by F20, and F16 is noted on the Plan Detail "D" on S5.04.				
RFI	KBA	BISMARK	PB 047		Trench Drains		CLO	2/5/2009	2/12/2009	2/6/2009
		The trench in the Hatchery Room is indicated by structural section F6/S5.02. This is a cast-in-place trench. Architectural Section 6/A9.02 indicates a precast trench that would be furnished and installed by the plumbing contractor. Also clarify the coordination of the depth and width of the trench between the structural section F6/S5.02 and architectural section 6/A9.02.				Yes - this is a cast-in-place trench. See revision to detail 6/A9.02 in SKA-4.05 in Addendum KB-04 for the precast trench liner.				
RFI	KBA	BISMARK	PB 048		Concrete PSI		CLO	2/5/2009	2/24/2009	2/6/2009
		The specifications call for 3,500 PSI concrete as well as 4,000 PSI concrete. The drawings indicate that all concrete will be 3,500 PSI.				Follow the specifications wtih 4,000 PSI concrete.				

Type	To	Request	From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA		BISMARK	PB 049		Drawing S5.01 Pile Cap Reinforcing		CLO	2/5/2009	2/9/2009	2/6/2009
		Type P1 - Where do the #4 Ties @8" o/c each way go? Please show these bars in the pile cap section. Type P2 - Where do the #5 Ties @ 4" o/c each way go? Please show these bars in the pile cap section. Please review the top and bottoms. There seems to be a doubling up of some bars. Type P2A - Where do the #6 Ties @ 4" o/c each way go? Please show these bars in the pile cap section. Please review the top and bottoms. There seems to be a doubling up of some bars. Type P3 - Where do the #4 Ties@ 12" o/c each way go? Please show these bars in the pile cap section. Type P4 - Where do the #4 Ties @ 8" o/c each way go? Please show these bars in the pile cap section. Please review the top and bottoms. There seems to be a doubling up of some bars.		See SKS-4.01 for "Typical Grade Beam Reinforcing". See SKS-4.02 for revised pile cap P2 & P2A reinforcing.				
RFI	KBA		BISMARK	PB 050		EPDM Roof		CLO	2/6/2009	2/10/2009	2/10/2009
		Roof construction types A and E on Drawing A3.01 call for EPDM Roof Membrane. There is no spec for EPDM Membrane. Please clarify.					Specification will be provide in Addenum #4.				
RFI	KBA		BISMARK	PB 051		Roof Shingle Type		CLO	2/6/2009	2/10/2009	2/10/2009
		Drawing A3.01 Roof Construction Type B calls for a 425# shingle. Specification Section 07 31 13, 2.2-A.3 calls for a 340# shingle. Please clarify the required shingle weight.					Drawings indicate a (50) fifty year shingle which is 425 lbs. per square.				
RFI	KBA		BISMARK	PB 052		Concrete Filled Steel Piles		CLO	2/6/2009	2/9/2009	2/10/2009
		Specefication Section 31 62 23.13, 2A calls out the use of 14" x 1/2" pipe, however Drawing S100 note 2 calls for 12-3/4" x 3/4" pipe. Please clarify.					The 12 3/4" diameter x 3/8" concrete filled steel piles shown on drawing S1.00 and in the geotechnical report is correct.				
RFI	KBA		BISMARK	PB 053		Epoxy Floor Cove Height		CLO	2/6/2009	2/9/2009	2/10/2009
		Please provide the height of the cove on the integrated base with the epoxy floor system. Drawing A9.01 Details 25 and 26 designate 4" or 6" and refers to the finish schedule. The finish schedule does not designate the heights. Please clarify.					Provide 6" base to all areas where the epoxy floor system occurs.				
RFI	KBA		BISMARK	PB 054		MC Cable		CLO	2/6/2009	2/20/2009	2/10/2009
		Can MC cable be used in walls and above hung ceilings to feed light switches and receptacles?					No. MC cable cannot be used in walls. All electrical in walls must be in conduit. Refer to Pre-bid RFI 059 for additional information.				
RFI	KBA		BISMARK	PB 055		Control Joints		CLO	2/6/2009	2/9/2009	2/10/2009
		Are control joints (saw cut) required at the slab on grade? If so, what is the required spacing?					Sawcut joints are not required on the main level slab. The main level slab is a structural slab, not a conventional slab on grade.				
RFI	KBA		BISMARK	PB 056		Fire Alarm Cabling		CLO	2/9/2009	2/19/2009	2/10/2009
		The fire alarm specification calls for Circuit Integrity Cable (type CI) for all notification circuits. Is CI cable truly required for this project?					Please see attached response from Kohler Ronan dated 02/13/09/				

Type	To	Request From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA	BISMARK	PB 057		Hatchery / Electrical Coordination		CLO	2/9/2009	2/13/2009	2/10/2009
		1. We have a copy of the hatchery drawings AQ1.01 and 1.02 but they do not indicate a splash protected requirement nor does it mention NEMA 4 stainless for devices and panels. 2. A review of Spec Section 11 94 00 only refers to all exposed equipment as being corrosion resistant. 3. Spec Section 26 05 33 at the bottom of page 10 requires the use of PVC schedule 40 conduit in the hatchery area. Does this mean we can use plastic boxes for devices on the walls and shelving? 4. Are all the disconnects shown on the hatchery equipment being supplied by the equipment supplier? Are they NEMA 4 stainless? 5. Hatchery drawing AQ1.01 shows a 20 ton chiller outside the hatchery between the chiller control pump and a small boiler unit. It does not appear on the electrical Site Plan E1.00. Is it the chiller unit at the southeast corner of the building next to the ice tanks? 6. The AQ1.01 drawing also shows two (2) low air units which do not appear on the electrical drawings. Are there air compressors required? 7. Please advise the relationship between the Ceiling Contactors, Solenoid Box and USO-Panels with EPO stations shown in various locations on drawing E1.03 with the detail #7 on drawing E6.00, the Seafood Science Utility shut-off Assembly shown on drawing P4.03and Note #1 on the Utility shut-off panel Equipment Schedule (Integration Interrupt and Time Control device). Who supplies what? How are they wired to where to accomplish what?	#3. Plastic or fiberglass electrical housings are to be used in the Hatchery. #4. Disconnects provided by electrical contractor. Stainless steel or powder coated steel is acceptable. #5 No - it is a different chiller than the one shown next to the ice storage tanks. #6. Yes, two (2) Low Pressure air blowers are required.				
RFI	KBA	BISMARK	PB 058		Lightning Protection		CLO	2/9/2009	2/12/2009	2/10/2009
		Specification Section 26 41 13 spells out lightning protection for structures. We cannot find any details on electrical or architectural drawings for a lightning protection system. Is there a system required, does a system exist on buildings A & B, do they have to tie together?				Please see attached response from Kohler Ronan, LLC dated 02/12/09				
RFI	KBA	BISMARK	PB 059		Technology Requirements		CLO	2/9/2009	2/17/2009	2/10/2009
		1. The telecommunications system requires specific backbone cabling from the existing building MDF to the new data rooms. Drawings do not currently show this information. Please provide quantity and description of copper and fiber backbone required. 2. Specification section 27 30 00 Voice Communications specifies a complete VOIP call system with handsets, Network computer, Centralized switching Network based on Cisco systems. Will the owner be providing this equipment or will the Division #27 contractor? 3. Specification do not reference Metal Clad cable as an acceptable wiring method within walls but the Unit pricing sheet does allow the use of MC cable in this application. Which is correct?	1.) Answer is shown on "T" series plans. 2.) Division 27 contractor to provide. Revised on 2/17/09, is now in Addendum #6 3.) Use of MC cable in walls is NOT ACCEPTABLE. WIRING MUST BE RUN IN CONDUIT FROM BOX TO ABOVE CEILING. ABOVE CEILING CAN BE MC CABLE, AND PLENUM RATED				
RFI	KBA	BISMARK	PB 060		VFD for Dust Collector		CLO	2/10/2009	2/17/2009	2/11/2009
		Area B Main Level Drawing E1.02, who supplies the new VFD for the Air Handling/Dust collector unit listed in Note #1? If it is the Electrical contractor, what is the horsepower of the motor, what interconnecting control wiring is required with the dust collector control and where on the roof is the unit located?				There is no VFD required on this unit. Provide electrical wiring and connections as required to match existing.				
RFI	KBA	BISMARK	PB 061		Wiring of HW Pumps in Building A		CLO	2/10/2009	2/17/2009	2/11/2009
		Can the new Hot Water Pumps in Building A mechanical room and the Fan Coil Units on the roof of Building A upper level (drawing E1.01) be fed from Building A instead of being fed from Building C as shown on the drawings?				Circuit hot water pumps in Building "A" to new emergency panel SP-2. Circuit fan coil units on roof in Building "A" to existing panel E.1.				
RFI	KBA	BISMARK	PB 062		Shoring of Slabs		CLO	2/11/2009	2/12/2009	2/11/2009
		Drawing S8.04 - Typical Details of Composite Permanent Metal Form Deck Slabs - There is a note regarding shoring of slabs and to check with the specifications. It doesn't appear there is anything in the 03 30 00 specifications that refer to shoring of the slab on deck. Is shoring of the slab on deck required? Please Clarify.				The temporary shoring requirements for slabs on metal deck are noted in specification section 05 36 00 "Composite Metal Decking".				
RFI	KBA	BISMARK	PB 063		Waterproofing and Dampproofing		CLO	2/11/2009	2/12/2009	2/11/2009
		Is Barrier 1 that is to be used integrally with the slab on grade and slab on deck concrete considered waterproofing? Where is the dampproofing required and/or shown if required. Please Clarify.				Barrier 1 is a waterproofing admixture for slabs on grade & slabs on metal deck.				
RFI	KBA	BISMARK	PB 064		Frame Slab		CLO	2/11/2009	2/12/2009	2/11/2009
		Specification Section 03 30 00 Cast-in-Place Concrete 2.2B - Frame slab. Does frame slab mean slab on deck? Please Clarify.				Framed slab refers to the spanning slab on grade that is part of Main Level Floor.				

Type	To	Request	From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA		BISMARK	PB 065		Anti-Hydro or Concrete Supplement		CLO	2/11/2009	2/12/2009	2/11/2009
		Specification Section 03 30 00 Cast-in-Place Concrete 2.2E - Anti-Hydro or Concrete Supplement. Where is this to be used? Please Clarify.					Anti hydro or concrete supplement must be used for elevator foundation walls and slab that is supported on pile cap.				
RFI	KBA		BISMARK	PB 066		E1.00 / M1.00 Conduits and Details		CLO	2/11/2009	2/17/2009	2/11/2009
		Drawing E1.00 shows the primary electrical conduits from the existing transformer to the new transformer pad, however there is no trench detail, no hand hole detail, or transformer pad detail. Please provide these missing details. M1.00 shows the new 4" HWS/R and the 4" CH/R buried piping running from building "A to C", however there is no trench details, please provide the required detail for this underground piping.					Install direct buried piping per manufacurer's recommendations.				
RFI	KBA		BISMARK	PB 067		Earth Work Questions		CLO	2/11/2009	2/12/2009	2/11/2009
		1. Dwg S1.01 calls for a 6" layer of ¾" crushed stone under the structural slab on grade, however specification section 31 23 23.01 calls for a 6" layer of ¾" processed stone. Please clarify which product we are to install. 2. Specification section 31 23 23.01 calls for us to remove 8" of existing soil under grade beams and foundations and replace it with 8" of porous fill, the spec also calls for us to remove 6" of existing soil and replace it with 6" porous fill under the foundations. None of the structural drawings or the triton environmental report call for this to be done. Please clarify if it is required or not. 3. Specification 31 23 23.01 calls for us to use structural fill with the new building limits to backfill the grade beams, pile caps, foundations and to raise the grade within the new building however the Triton environmental report spec section 02 61 00 indicates we are to use all of the regulated soils for backfill of the grade beams, pile caps, foundations and to raise grade with in the building. Please clarify what we are to use for backfill. 4. Specification 31 23 23.01 calls for us to install a minimum of a 12" layer of structural fill under the 6" crushed stone layer under the concrete slabs within the building, however none of the drawings or the triton environmental report indicate this 12" layer of structural fill. Please clarify if this 12" layer is required under the concrete slabs within the building.					1. Use the 3/4" minus processed stone as noted in the specification section 31 23 23 .01 2. The existing soil must be removed down to 8" below bottom of grade beam elevations. This provides a dry undisturbed working surface to construct the grade beams. The existing soil must be removed to 6" below bottom of footing elevations for exterior wall footings. 3. Structural fill is required for raising grade to bottom of exterior footings. Structural fill may also be needed within the building to bring grade to bottom of 3/4" minus processed stone. 4. See answer to #3.				
RFI	KBA		BISMARK	PB 068		Dwg S1.01 Slab Reinforcing		CLO	2/11/2009	2/12/2009	2/11/2009
		Drawing S1.01 - West of column line Ex. E there is a note calling for slab reinforcing. Per the structural and architectural details, the new slab doesn't appear to go that far in to the existing building. Please clarify.					Added reinforcing shall be located from east face of existing building to 5' - 6" east and between the grade beams on column lines 1 and 2.				
RFI	KBA		BISMARK	PB 069		Glycol Package		CLO	2/11/2009	2/17/2009	2/11/2009
		The existing system does not show a glycol package. Since there are two glycol tanks added in the new heating and cooling systems, please confirm if the existing system has glycol in it. In order to perform some of the work in the existing building, we will need to drain down portions of the system (quantity unknown without verifying existing valves). please confirm the volume of the existing system as well as what should be carried in the bid.					The existing system has glycol. For the purpose of this bid, the contractor shall assume the existing systems volume at 2,000 gallons.				
RFI	KBA		BISMARK	PB 070		Vapor Barrier Extent		CLO	2/11/2009	2/12/2009	2/11/2009
		It appears that the vapor barrier not only runs underneath the slab but continues underneath the grade beams, interior and exterior, except where the pile caps are located. Is this correct?					The vapor barrier shall be turned down 1'-0" below the slab shelf on the inside of the grade beam. Refer to Prebid RFI 042 for additional information.				
RFI	KBA		BISMARK	PB 071		CMU Barrier Wall		CLO	2/13/2009	2/19/2009	2/16/2009
		Drawing A1.01 Main & Upper Leve Floor Plans Area A indicates a CMU Barrier Wall at the North West corner of Area A. What type and size of CMU is to be used? Section FB/S1.02 indicates a 4" veneer with masonry backup. Please provide a section indicating the size and type of CMU and an elevation for this wall.					Refer to Addendum No. KB-02; sketch SKA-2.01 for revised plan, sections and elevation.				
RFI	KBA		BISMARK	PB 072		Unistrut Capacity		CLO	2/13/2009	2/17/2009	2/16/2009
		Specification calls for fiberglass Unistrut with a "Minimum pull our resistance of 1,000 lbs when load is applied over a 3/8" long section" Unistrut has advised us that their fiberglass product can not meet this specification. Please Advise.					Refer to the attached "UNISTRUT Fiberglass Sample Specifications" Section 4.0 STRUCTURAL DESIGN paragraph 4.3: "All 1 5/8" channel profiles shall have a minimum pull out resistance of 1,000 pounds when load is applied over a 3/8" long section of the inside flanges".				
RFI	KBA		BISMARK	PB 073		Epoxy Rebar at Hatchery Room 136		CLO	2/13/2009	2/17/2009	2/16/2009
		Drawing S1.01 - S5.02 - Hatchery Room 136 - The slab schedule calls for epoxy rebar in the slab. Do the interior and exterior grade beams and pile caps require epoxy rebar is this area too? There are dowels that come up out of the grade beams that lock in to the slab.					Only the reinforcing steel for the slab is required to be epoxy coated. The dowels, grade beam and pile cap reinforcing will be uncoated.				

Type	To	Request From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA	BISMARK	PB 074		Skylight		CLO	2/13/2009	2/17/2009	2/16/2009
		The existing skylights that are going to be replaced. 1. The area to cover is approximately 100" down slope x 144" across. 2. The existing skylights are 3 domed units side by side, somehow joined together 3. The drawings now indicate that the replacement will be divided into 4 sections. What do they actually want? After talking to Wasco, here are some options: 1. Four individual units, with factory insulated curbs set side by side, not joined together - Need at least 6-8 inches between units 2. A 3 or 4 unit cluster system to fit over wood curb by others. - Must have supports beneath each rafter. - Not available with factory curb. 3. A self supporting single pitch skylight to fit over wood curb by others - Flat glazed with multiwall polycarbonate (cannot see through). - Do not need supports beneath rafters.					Provide Option No. 3 - self supporting single pitch skylight to fit over wood curb by others.				
RFI	KBA	BISMARK	PB 075		Triangular Shades		CLO	2/13/2009	2/17/2009	2/16/2009
		1) Specification Section #12-274-13 Roller Window Shades, 2.3.A-Triangular Shades., 3.6.A.2 Motorized Triangular Shades. Draper is a listed supplier and they do not make a motorized bottom up shade. They only make a stationary triangular panel. How should this be addressed? 2) Specification Section #12-274-13 Roller Window Shades, 1.2.A.1 calls for room darkening roller shades. 2.1.B.1.A.1 calls for sheerweave # PW4600. This is not a room darkening fabric. Which is the correct fabric?					1. Retrofit Draper's Skylight FlexShade to operate vertically. 2. Use sheerweave #PW4600 for room darkening roller shades; for blackout shades material, see addendum #5.				
RFI	KBA	BISMARK	PB 076		Environmental Questions		CLO	2/18/2009	2/19/2009	2/19/2009
		The soils management plan tells us to reuse the material from stage 2 & 3 as fill to with in the building but leaving 1' of structural soil on top and the 6" process section. The geotech report section 6.0 specifically states that the on site soils will not meet the gradation for controlled fill to with in 6" of the bottom of the slab. Spec section 31 23 23.01 section 3.2 A wants the same structural fill. How do we square the environmental soils management plan and the geotech/spec.? Can we use the on site material to within 1' of the finish grade?					Intent is to re-use the existing class 2 and class 3 site soils under the slabs of the new building. Refer to structural fill specification clarification provided in Addendum No. KBA-06. Site contractors are to carry 2,500 cu. yds. of 3/4" process ADDITIONAL to any other site materials required; for use at the direction of the CM.				
RFI	KBA	BISMARK	PB 077		Acoustical Ceiling Trim		CLO	2/18/2009	2/19/2009	2/19/2009
		Detail 11 on A204 shows an aluminum trim between ceiling heights but I couldn't find it in the specs. Is there a specification for this?					Refer to Addendum No. KBA-06, sketch SKA 6.01. Additionally, review the section "CHANGES TO DRAWINGS" in Addendum No. KBA-06. Also, review Spec. Section 09 51 13 part 2.3 paragraph F of the Bid Documents.				
RFI	KBA	BISMARK	PB 078		Skylight Alternate Clarification		CLO	2/18/2009	2/19/2009	2/19/2009
		Drawings A3.01 and A3.01.1 show the skylights to be replaced under the Base Bid, Alt #2 and Alt #3. Are the skylights to be replaced under Alt #1? Are the skylights to be replaced under any scenario of Base Bid and Alternates?					Question 1: Yes, the existing skylight is to be replaced if Alternate #1 is accepted. Question 2: Yes, the existing skylight is to be replaced REGARDLESS of roof type selected (Replace under Base Bid, Alternate #1, Alternate #2 or Alternate #3).				

Type	To	Request From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA	BISMARK	PB 079		Alternate #12 Wallcovering		CLO	2/18/2009	2/20/2009	2/19/2009
		After our phone conversation yesterday I contacted the sales rep. for MDC wallcovering in regards to the VWC-1 specified at the Aquaculture School. He has talked to the designer (Ann) at KBA and they concluded that they do not have a clear picture of what specific product/artwork will be used and what the accurate pricing will be. Additionally, the MDC rep. conveyed to me that the architect is under the impression that this wallcovering is a add alternate to the base bid and that the pricing would not misconstrue the base bid results. After review of the bidding documents, this wallcovering is addressed as Alternate #12, but as a deduct alternate not an add alternate. We feel that the only way to achieve a bid in which all painting contractors fully understand and price this wallcovering is to make it an add alternate to the base bid or have a labor and material allowance for this wallcovering be issued for all contractors to include in there base bid. Hopefully this clarifies what we discussed on the phone yesterday and you can correct the bidding documents to address this issue.						
						One (1) single stock image is to be purchased by manufacturer. Manufacturer is to provide all necessary image processing. This image is to be printed in seamless divisions across the panels as indicated in elevations 10/A10.01 and 15/A10.02. Image selected: Fotosearch, LLC: 15349-58NS "Giant school of juvenile bluefin tuna, Baja California"				
RFI	KBA	BISMARK	PB 080		Alternate #19		CLO	2/18/2009	2/20/2009	2/19/2009
		Drawing E4.01. . .(Addendum #5) Panel SP-1 refers to Alternate #19. Please issue a description of Alternate #19 so we can include it in a revised bid form if necessary.								
						Alternate No. 19: (Refer to Electrical SK's provided in Addendum No. KB-06) 1.) Up-size generator as shown 2.) Provide new electrical panel "SP-2" 3.) Up-size conductors, conduit and ATS-1 as shown 4.) Up-size circuit breaker #8 in MDB 5.) Up-size electrical panel "GDB" 6.) Feed existing electrical panel "E" from panel "EL-1" 7.) Feed new electrical panel "SP-2" from panel "SP-1" 8.) Refer to panel board schedules for additional information				
RFI	KBA	BISMARK	PB 081		Note 8 on Door Schedule		CLO	2/19/2009	2/20/2009	2/19/2009
		Openings C104A, C107A, C114A, C125A, C125B, C127A, C128A, C136C, and C11A are shown on the door schedule with note 08 / Alternate #15 which states that if Alternate #15 is accepted, all existing doors and hardware shall remain existing. As these openings are for new construction please confirm they are incorrectly assigned note 08.								
						Note No. 8 is incorrect. This does not apply to the new construction.				
RFI	KBA	BISMARK	PB 082		Water Elevations		CLO	2/19/2009	2/20/2009	2/19/2009
		The geotech report talks about the water level to be 8 to 11 feet below the existing grades on the site and 5.7-8 feet below in the parking lot. The report notes that the water is tidally influenced. Each boring has a water elevation. Are these water elevations at low tide, High tide, or mid tide? What is the footage difference between low and high tide? This comes into play because all water must be hauled off site. This is a significant cost and will vary depending on what the answer to the questions above								
						Under "Execution" in the Triton Environmental Report Section 3.1 F Any and all runoff water flowing across exposed site soils shall be prevented from leaving the site or entering any catch basin. If runoff water is collected, then it shall be stored, transported and disposed of in a manner that is consistent with applicable laws and regulations regarding water contaminated with PCBs. Triton has not conducted any tidal studies to determine the tidal influence on the site groundwater, and the measured depths to groundwater do not indicate the tidal level when the measurements were made. There is no requirement to haul all water off-site, and it may be possible to discharge to the sanitary sewer or be used for dust control on soil impacted with PCBs that will be disposed of off-site or ultimately rendered inaccessible. However, any water used for dust control must be stored, transported and disposed of in a manner that is consistent with applicable laws and regulations regarding water contaminated with PCBs. Use of the wastewater for dust control or disposal in the sanitary sewer or off-site may require a permit. For reference, the specification states 3.1 I.: "Wastewater may be generated during construction from de-watering activities, equipment washing and decontamination, drilling fluids, or stormwater collection. Any wastewater generated or collected on site shall be stored, transported and disposed of in a manner that is consistent with applicable laws and regulations regarding water contaminated with PCBs. This water may be used for dust control on soil impacted with PCBs that will be disposed of off-site or ultimately rendered inaccessible as described in Section 3.3D and Section 3.8." 3.7 H.: "The Contractor shall be responsible for all aspects of pumping storing, transporting, and disposing of any water from the site. The Contractor shall characterize water to be disposed of off-site as required by the disposal facility. The Contractor shall be responsible for any cost associated with waste characterization of the water." 3.7 I.: "The Contractor shall ensure that the disposal of all soil or water complies with all federal, state, and local requirements."				
RFI	KBA	BISMARK	PB 083		Landmark TL Shingle		CLO	2/19/2009	2/20/2009	2/19/2009
		Addeneum #4 calls to provide a 50 year shingle at 425#. According to the GAF website the specified Landmark TL shingle is a lifetime shingle and weights 340#. Please confirm that the Landmark TL is an acceptable shingle.								
						Landmark TL is acceptable. The most important requirement is to provide a Shingle Warranty of 50 years for a commercial (non-residential) installation. The actual shingle weight/square of shingle is of secondary importance.				

Type	To	Request	From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	KBA		DCM	C008-02		Domestic Water Service Tie-In		CLO	6/8/2009	7/7/2009	6/15/2009
		6/8/09 - The 4" Domestic Water Line Tie-In Location within the New Addition is clearly shown on the contract documents, the question being is "Where does the 4" Domestic Water Line tie into outside of the addition?" Is it to follow in the Trench and Tie into the Existing Mechanical Room A 111 like the Fire Protection and the Chilled / Hot Water Lines?					Please see attached response and sketch SKC-1 from WMC Consulting Engineers.				
RFI	KBA		OG	C020		Roofing Details		CLO	6/22/2009		6/24/2009
		The roofing contractor is questioning details 46,51,53,54 AND 55 as to the adequacy of the anchorage of the new blocking to the existing roof structure at the edge / eave juncture of the existing building. Should the existing be cut back and blocking added to bare directly on existing metal deck? I don't see a difference between this condition and the same condition on the new building as long as the fasteners get into the existing metal deck. Please confirm that the condition as detailed is adequate					The following is a description of the insulation/ventilation assembly to be provided on the existing roof at the Bridgeport Aquaculture School per our conference call on Wednesday June 24, 2009; Install 3/4" exterior grade plywood over a 1" air space created by 1x2 spacers over 2" of rigid insulation over the existing assembly to remain consisting of 1/2" OSB board over 3" of rigid insulation. The above described assembly will provide a total R-value of 31.89				

AREA/ITEM			EST./PENDING	APPROVED
10 022000 Site Development				
CO 00001	CM 00034	Domestic Water Service	$0	$20,319
CO 00002	CM 00046	Dust Collector Bollards	$0	$3,662
CO 00003	CM 00035	Sanitary Sewer from Captain's Cove	$0	$54,379
CO 00004	CM 00054	Bollards @ ACCU-6	$0	$3,662
CO 00005	CM 00047	6" Fire Service Credit	$0	($12,110)
CO 00006	CM 00055	Demo Concrete Pads Mech Ctyd	$0	$943
CO 00007	CM 00068	Clean & Remove Generator Fuel Tank	$0	$1,241
CO 00008	CM 00065	Dumpster Pad & Bollards	$0	$6,617
CO 00009	CM 00067	Electrical Site Revisions Per ASI-9	$0	$6,994
CO 00010	CM 00106	Generator Rental	$0	$1,034
CO 00011	CM 00170	ASI 106-1 Epoxy Resin Markings	$0	$2,380
CO 00012	CM 00169	Catch Basins	$0	$2,925
CO 00013	CM 00045	Entry Concrete Walkway Replacement	$0	$9,000
CO 00013	CM 00045	Entry Concrete Walkway Replacement	$0	$1,088
CO 00013	CM 00045	Entry Concrete Walkway Replacement	$0	$8,460
CO 00014	CM 00171	ASI 110 Concrete In Walk In Coolers	$0	$2,469
CO 00015	CM 00193	Fence & Gate @ Stair Tower	$0	$7,499
CO 00016	CM 00297	ASI 137 Rear Courtyard Rope	$0	$4,920
CO 00017	CM 00332	Progress Photos Deduct	$0	($13,500)
CO 00018	CM 00333	Deduct Field Modifications	$0	($100,000)
CO 00019	CM 00334	Deduct Site Repair	$0	($12,367)
CO 00020	CM 00335	Re-excavation of Science Labs	$0	$12,057
		Subtotal - Site Development	**$0**	**$11,672**
10 039900 Concrete				
CO 00001	CM 00048	Relocate Slab Shelf Per ASI 029-1	$0	$1,192
CO 00002	CM 00048	Demo Existing Buttress	$0	$237
CO 00003	CM 00212	Additional Slab on Grade Placement	$0	$8,370
CO 00004	CM 00229	3/8" Concrete Mix	$0	$2,408
CO 00005	CM 00230	Ext. Gr. Beam Piers @ Col. Cvers	$0	$3,952
CO 00006	CM 00231	Winter Weather Additive	$0	$1,530
CO 00006	CM 00231	Winter Weather Additive	$0	$1,582
CO 00007	CM 00328	Field Modifications Deduct	$0	($15,000)
		Subtotal - Concrete	**$0**	**$4,270**
10 041000 Masonry				
CO 00001	CM 00349	Field Modifications	$0	($1,544)
		Subtotal - Masonry	**$0**	**($1,544)**
10 051000 Steelwork				
CO 00001	CM 00051	PM Meeting	$0	($250)
CO 00002	CM 00353	Steel Changes	$0	$2,986
		Subtotal - Steelwork	**$0**	**$2,736**
10 069100 General Trades				
CO 00001	CM 00029	RVAS - Chair Lift Replacement	$0	$7,737
CO 00002	CM 00049	Additional Fascia Trim	$0	$18,101
CO 00003	CM 00037	Temporary Air Conditioning	$0	$19,788
CO 00004	CM 00064	Demo Existing Concrete Pad	$0	$984
CO 00005	CM 00082	Fire Rate (9) Columns	$0	$1,214
CO 00006	CM 00090	ASI 13-1 Additional Louvers	$0	$852
CO 00007	CM 00091	ASI 19-1 Revisions to Door A2B	$0	$4,226

AREA/ITEM			EST./PENDING	APPROVED
10 069100 General Trades				
CO 00008	CM 00092	ASI 16-2 Tack & Marker Boards	$0	$2,806
CO 00009	CM 00093	ASI 23-2 Rm C117 Marker Boards	$0	$874
CO 00010	CM 00094	ASI 36-1 Knox Boxes	$0	$1,179
CO 00011	CM 00095	ASI 62-1 Additional Signage	$0	$857
CO 00012	CM 00096	ASI 34 Radiant Panel Soffits	$0	$4,671
CO 00013	CM 00097	RFI C77 Rm C205 Soffit	$0	$744
CO 00014	CM 00098	RFI 125 Dormer Overhang	$0	$1,466
CO 00015	CM 00099	RFI 126 Exterior Soffit	$0	$10,745
CO 00016	CM 00100	RFI 129 West Elevation Framing	$0	$1,032
CO 00017	CM 00102	Louver Credit	$0	($2,130)
CO 00018	CM 00103	Mobile Shelving Credit	$0	($13,668)
CO 00019	CM 00133	ASI 76 Tower Simulator	$0	$13,155
CO 00020	CM 00122	Northern "Structural" Valley Rafter	$0	$1,497
CO 00021	CM 00123	Rm C210 Radiant Ceiling Panels	$0	$5,815
CO 00022	CM 00124	Metal Stud Part. in Resource Center	$0	$959
CO 00023	CM 00125	RMs C 207,208,209 Window Pockets	$0	$945
CO 00024	CM 00126	Parapet Wall On NW Corner Flat Roof	$0	$1,779
CO 00025	CM 00127	Seafood Science Walls	$0	$3,867
CO 00026	CM 00128	Flat Stock Blocking	$0	$855
CO 00027	CM 00173	A Building Hatchery Window Frames	$0	$9,400
CO 00028	CM 00172	RFI C210 Alum. Entrance Frames	$0	$6,297
CO 00029	CM 00178	RFI C225 Door & Frame Rm C113	$0	$1,868
CO 00030	CM 00179	Rm B401 FRP Door	$0	$4,038
CO 00031	CM 00180	ASI 101-1 Door C101 Hardware	$0	$3,523
CO 00032	CM 00202	Elevator Use	$0	$9,000
CO 00033	CM 00195	ASI 117 Exterior Signage	$0	$14,398
CO 00034	CM 00192	Simulator Black Out Shades	$0	$1,743
CO 00035	CM 00200	ASI 124 Gang Toilet Hand Dryers	$0	$1,100
CO 00036	CM 00201	RFI C228 Vestibule A102 Demo	$0	$952
CO 00037	CM 00197	ASI 118 Stairwell Fire Stopping	$0	$2,060
CO 00037	CM 00197	ASI 118 Stairwell Fire Stopping	$0	$834
CO 00038	CM 00239	Front Entry Trim	$0	$1,394
CO 00039	CM 00241	ASI 129 Additional AOR Signs	$0	$3,203
CO 00040	CM 00242	ASI 130-2 C216 Doors & Frame	$0	$4,005
CO 00041	CM 00243	ASI 49 NW Building Heights	$0	$5,965
CO 00042	CM 00244	RFI C195 Wall Types	$0	$5,280
CO 00043	CM 00245	Front Entry Glass	$0	$2,022
CO 00044	CM 00246	ASI 125 Fire Alarm Sign	$0	$173
CO 00045	CM 00248	Chairlift Doors and Frames	$0	$4,139
CO 00046	CM 00247	ASI 44 Revised Drawing BA/S1.02	$0	$2,917
CO 00047	CM 00267	ASI 127 Keying of the Ex. Building	$0	$9,030
CO 00048	CM 00285	RFI C204 - RM C215 Fire Rating	$0	$1,703
CO 00049	CM 00286	Projection Screen Soffits	$0	$1,698
CO 00050	CM 00287	Enclose Beam @ Stair C12	$0	$792
CO 00051	CM 00288	Enclose Beam Rm C209	$0	$326
CO 00052	CM 00289	RFI C162 Conseal Struct. Steel	$0	$2,012
CO 00053	CM 00290	ASI 135 Soap&Towel Disp in Hatchery	$0	$1,478
CO 00055	CM 00235	ASI 132 S.I. Cabinets C131,133,137	$0	$2,556
CO 00056	CM 00176	ASI 80 Solid Interceptor Cabinets	$0	$3,276
CO 00057	CM 00250	ASI 89 Chairlft Construction	$0	$2,730

AREA/ITEM			EST./PENDING	APPROVED
10 069100 General Trades				
CO 00058	CM 00236	Chairlift Power Operator	$0	$1,281
CO 00059	CM 00283	Directional Signage Tower 2 & 3	$0	$301
CO 00060	CM 00040	Observation Deck Replacement	$0	$27,818
CO 00061	CM 00228	Replace Acoustical Ceiling Tile	$0	$19,425
CO 00062	CM 00101	RFI C121 Backer Board Insulation	$0	$1,506
CO 00063	CM 00336	Lab Table Shop DWG Delay Charges	$0	($12,057)
CO 00063	CM 00336	Lab Table Shop DWG Delay Charges	$0	($8,370)
CO 00064	CM 00337	Additional Cleaning	$0	$2,702
CO 00065	CM 00338	Misc Ceiling Tile Replacement	$0	$626
CO 00066	CM 00339	Additional Security Services	$0	$2,158
CO 00067	CM 00340	Misc T & M Work	$0	$2,040
CO 00068	CM 00249	ASI 114 Rm C117 Mural Backing	$0	$399
CO 00069	CM 00350	Hang Engine Room Door	$0	$550
CO 00070	CM 00364	Progress Photos Line Item Deduct	$0	($1,186)
		Subtotal - General Trades	**$0**	**$237,456**
10 071000 Roofing				
CO 00001	CM 00028	Roofing Insulation & Nail Board	$0	($10,209)
CO 00001	CM 00028	Roofing Insulation & Nail Board	$0	$32,804
CO 00002	CM 00354	Deduct for Progress Photos	$0	($2,500)
CO 00003	CM 00367	Alum. Cladding at Upper Roof Fascia	$0	$13,046
		Subtotal - Roofing	**$0**	**$33,141**
10 095200 Flooring - Carpet & Resilient				
CO 00001	CM 00116	ASI 17 Epoxy Flooring Rms C134&C135	$0	$11,175
CO 00002	CM 00118	ASI 83 Rm C118 Carpet Tile	$0	$1,249
CO 00003	CM 00117	ASI 31-2 Rubber Flooring	$0	$48,553
CO 00004	CM 00119	VCT Rms B401,301,201,107, A127	$0	$20,201
CO 00005	CM 00174	ASI 115 Carp Tile A135,138,139, 140	$0	$18,812
CO 00006	CM 00295	Damaged Technology Equipment	$0	($2,700)
		Subtotal - Flooring - Carpet & Resilient	**$0**	**$97,290**
10 096100 Painting				
CO 00001	CM 00052	PM Meeting	$0	($250)
CO 00002	CM 00056	Failure to Attend 10/7 & 10/14 MTGS	$0	($250)
CO 00002	CM 00056	Failure to Attend 10/7 & 10/14 MTGS	$0	($250)
CO 00003	CM 00142	Roof Top Equipt Painting	$0	$6,861
CO 00004	CM 00143	Paint All New Bollards	$0	$238
CO 00004	CM 00143	Paint All New Bollards	$0	$313
CO 00004	CM 00143	Paint All New Bollards	$0	$327
CO 00005	CM 00274	Paint Outdoor Hand Rails	$0	$2,849
CO 00006	CM 00276	Computer Lab Mural	$0	$2,200
CO 00007	CM 00277	ASI 136 Dig. Images Backing Upgrade	$0	$880
CO 00008	CM 00177	ASI 114-1 Digital Images	$0	$5,860
CO 00009	CM 00275	Mural Revisions	$0	$755
CO 00010	CM 00341	In lieu of eggshell use diamond pain	$0	$4,950
CO 00011	CM 00342	Caulking / Painting of Column Covers	$0	$250
CO 00011	CM 00342	Caulking / Painting of Column Covers	$0	$900
CO 00012	CM 00343	Paint at Mural, Frames, Gates	$0	$900
CO 00012	CM 00343	Paint at Mural, Frames, Gates	$0	$600
CO 00012	CM 00343	Paint at Mural, Frames, Gates	$0	$350
CO 00013	CM 00347	Paint Movable Partition - Conf Room	$0	$850

AREA/ITEM			EST./PENDING	APPROVED
10 096100 Painting				
CO 00014	CM 00348	Paint Rear Entrance Gate	$0	$2,800
CO 00015	CM 00365	ASI 86-2 Tower and Misc. Painting	$0	$12,812
CO 00016	CM 00366	Painting Bond Increase Premium	$0	$674
		Subtotal - Painting	**$0**	**$44,619**
10 114100 Food Service				
CO 00001	CM 00194	Cooler/Freezer Data Recorder	$0	$775
		Subtotal - Food Service	**$0**	**$775**
10 119400 Hatchery Equipment				
CO 00001	CM 00237	Additional Electrical Work Required	$0	$14,345
CO 00002	CM 00238	Hatchery Aux Alarm Contacts	$0	$2,149
CO 00003	CM 00251	Winterize Heating & Chilled Loops	$0	$1,040
CO 00004	CM 00345	Hatchery Equipment	$0	$3,656
		Subtotal - Hatchery Equipment	**$0**	**$21,191**
10 151100 Plumbing				
CO 00001	CM 00061	Delete Roof Drains	$0	($2,860)
CO 00002	CM 00062	USO, Gas, Temp Water Revisions	$0	($6,352)
CO 00003	CM 00071	Revised Kit. Floor Drains (Credit)	$0	($1,747)
CO 00004	CM 00136	Drinking Fountain S/S Panels	$0	$266
CO 00005	CM 00137	Domestic Water Meter Bypass	$0	$6,417
CO 00006	CM 00138	T & M Ticket #'s 7421 & 7422	$0	$1,657
CO 00006	CM 00138	T & M Ticket #'s 7421 & 7422	$0	$974
CO 00007	CM 00187	Gas To Kitchen Equipment	$0	$1,437
CO 00008	CM 00189	Water Heater Combustion Air	$0	$566
CO 00009	CM 00222	Algie Rm Demo	$0	$666
CO 00010	CM 00227	Misc T&M Work	$0	$2,242
CO 00010	CM 00227	Misc T&M Work	$0	$3,780
CO 00010	CM 00227	Misc T&M Work	$0	$5,503
CO 00011	CM 00278	ASI 142 Hatchery Hose Bibs	$0	$3,889
CO 00012	CM 00296	Hatchery Salt Water Pumps	$0	$9,699
CO 00013	CM 00301	Grease Intercepter Buzzer	$0	$778
CO 00014	CM 00223	EPO Covers	$0	$2,223
CO 00015	CM 00300	Kitchen Equipment Assembly	$0	$4,770
CO 00016	CM 00313	RFI C-115 A/C 6 Drain Piping	$0	$1,629
CO 00017	CM 00314	RFI C 71 Gas Piping	$0	$2,926
CO 00018	CM 00188	IPO Remote Pushutton Control	$0	$329
		Subtotal - Plumbing	**$0**	**$38,792**
10 152100 HVAC				
CO 00001	CM 00059	FCU 1 & 2 Modifications	$0	$2,163
CO 00002	CM 00060	Louver Changes	$0	$966
CO 00003	CM 00069	EF-17 Controls	$0	$2,489
CO 00004	CM 00081	AC-6 Drip Pan	$0	$2,219
CO 00005	CM 00080	Rm A 204 Booster Fan	$0	$8,314
CO 00006	CM 00072	Rm C118 Radiant Heat Pnl Credit	$0	($1,264)
CO 00007	CM 00084	Dust Collector Revisions	$0	$11,061
CO 00008	CM 00085	HVAC Sequence Operation Revisions	$0	$8,942
CO 00009	CM 00086	Hot & Chilled Water Shot Feeders	$0	$8,259
CO 00010	CM 00088	Duct Liner Repair	$0	$1,993
CO 00011	CM 00089	Condensing Unit Snow Stands	$0	$1,198

AREA/ITEM			EST./PENDING	APPROVED
10 152100 HVAC				
CO 00012	CM 00107	HVAC Commisioning	$0	$6,799
CO 00013	CM 00108	Boiler Flue Extension	$0	$3,981
CO 00014	CM 00114	Chiller Power Requirements	$0	($8,517)
CO 00015	CM 00135	New Boiler Pipe & Controls	$0	$14,160
CO 00016	CM 00139	Replace Boiler Relief Valves	$0	$926
CO 00017	CM 00140	EF-2 Discharge Cone	$0	$928
CO 00018	CM 00141	VAV TB-16 Duct	$0	$344
CO 00019	CM 00132	ASI 76 4th Floor FCU & Ductwork	$0	$46,331
CO 00019	CM 00132	ASI 76 4th Floor FCU & Ductwork	$0	$487
CO 00019	CM 00132	ASI 76 4th Floor FCU & Ductwork	$0	($2,760)
CO 00020	CM 00190	Elevator Machine Rm Exhaust Fan	$0	$2,714
CO 00021	CM 00191	Additional Chiller Points	$0	$2,088
CO 00022	CM 00215	Fume Hood Additions	$0	$7,035
CO 00023	CM 00216	ASI 122 Shaftwall Closure @ A2	$0	$608
CO 00024	CM 00217	AC-3 Plenum	$0	$550
CO 00025	CM 00219	Primary Heat Pump Replacement	$0	$14,625
CO 00026	CM 00220	Area B Split System Cooling	$0	$44,114
CO 00027	CM 00221	Misc Leaks & Insulation Repairs	$0	$4,352
CO 00027	CM 00221	Misc Leaks & Insulation Repairs	$0	$13,008
CO 00027	CM 00221	Misc Leaks & Insulation Repairs	$0	$7,449
CO 00028	CM 00224	A & B Building HVAC Repairs	$0	$11,519
CO 00029	CM 00225	Added Controls for Boilers	$0	$2,144
CO 00030	CM 00226	AHU 3 High Static Control	$0	$1,766
CO 00031	CM 00269	Rm A205 Hood Flow Alarm	$0	$1,680
CO 00032	CM 00271	Misc T&M Work	$0	$3,219
CO 00032	CM 00271	Misc T&M Work	$0	$907
CO 00032	CM 00271	Misc T&M Work	$0	$561
CO 00033	CM 00270	Misc Insulation Repairs	$0	$289
CO 00033	CM 00270	Misc Insulation Repairs	$0	$1,207
CO 00033	CM 00270	Misc Insulation Repairs	$0	$4,573
CO 00034	CM 00279	AHU-3 Repair	$0	$1,201
CO 00035	CM 00280	Existing Temp Control Repairs	$0	$7,645
CO 00036	CM 00298	Server RM & Landing Shed Controls	$0	$3,773
CO 00037	CM 00299	Misc T&M Work	$0	$176
CO 00037	CM 00299	Misc T&M Work	$0	$1,985
CO 00037	CM 00299	Misc T&M Work	$0	$1,220
CO 00038	CM 00302	Condensing Unit Demo	$0	$300
CO 00039	CM 00303	RFI 62 Additional Design Work	$0	$191
CO 00040	CM 00304	Boiler Pipe Repair	$0	$813
CO 00041	CM 00355	Investigate and Repair Exist. Heat	$0	$4,365
CO 00042	CM 00329	Replace Hatchery Boiler Circ Pump	$0	$1,441
CO 00043	CM 00330	Ex Boiler Repair/Distiller Install	$0	$1,272
CO 00043	CM 00330	Ex Boiler Repair/Distiller Install	$0	$2,057
CO 00044	CM 00331	Repair Engine Shop Leak	$0	$2,496
CO 00045	CM 00356	False Commissioning Service Request	$0	$298
		Subtotal - HVAC	**$0**	**$262,659**
10 153100 Fire Protection				
CO 00001	CM 00050	Additional C111 Sprinkler ASI 21-1	$0	$575
CO 00002	CM 00208	RFI 162 Resource Rm Piping	$0	$962
CO 00003	CM 00209	Back Flow Preventor	$0	$301

AREA/ITEM			EST./PENDING	APPROVED
10 153100 Fire Protection				
CO 00004	CM 00210	Raise Sprinkler Pipe Rms C132 & 137	$0	$401
CO 00005	CM 00351	Field Modifications Credit	$0	($5,100)
		Subtotal - Fire Protection	**$0**	**($2,861)**
10 161100 Electrical				
CO 00001	CM 00042	Technology Infrastructure Wiring	$0	$151,650
CO 00002	CM 00041	Dust Collector Electric Relocation	$0	$5,410
CO 00003	CM 00039	Pattern Shop Lighting	$0	$1,776
CO 00004	CM 00043	A Building HVAC Temp Feeds	$0	$712
CO 00005	CM 00044	Remove & Replace Lts Rms 204 & 205	$0	$407
CO 00006	CM 00063	Ext Lightning Protection Rod Length	$0	$5,365
CO 00007	CM 00036	Electrical Service Increase	$0	$22,921
CO 00008	CM 00079	Landing Shed Conduits	$0	$5,856
CO 00009	CM 00066	Engine Shop Roof Top Fan Wiring	$0	$357
CO 00010	CM 00074	ACCU-6 Electrical Feed	$0	$1,502
CO 00011	CM 00075	Hatchery Panel	$0	$11,040
CO 00012	CM 00083	Wood Shop Equipt & Sub Panel Wiring	$0	$11,673
CO 00013	CM 00077	Wood Shop Additional Outlets AS1-57	$0	$12,584
CO 00014	CM 00111	Site Lighting Junction Box	$0	$3,278
CO 00015	CM 00113	Chiller Power Requirements	$0	$8,517
CO 00016	CM 00120	ASI 78 Corridor Lighting Controls	$0	$2,695
CO 00017	CM 00121	Electronic Faucet Plugs	$0	$2,671
CO 00018	CM 00130	Stairwell Circuiting Revisions	$0	$3,561
CO 00019	CM 00129	Additional Data Drops	$0	$43,160
CO 00020	CM 00134	ASI 76 Tower Simulator	$0	$52,330
CO 00021	CM 00148	Generator Enclosure Panel Feed	$0	$2,254
CO 00022	CM 00149	Elevator Aux Relay	$0	$2,372
CO 00023	CM 00150	ASI 98 Relocate A106 Devices	$0	$525
CO 00024	CM 00151	ASI 95 Classroom EM Lighting	$0	$3,846
CO 00025	CM 00153	25 Pair Cable For Analog Phones	$0	$4,645
CO 00026	CM 00154	Type "L" Light Fixture Change	$0	$2,990
CO 00026	CM 00154	Type "L" Light Fixture Change	$0	($5,310)
CO 00027	CM 00155	C126 & C127 Lights	$0	$1,679
CO 00028	CM 00156	New Chair Lift Electrical	$0	$562
CO 00029	CM 00157	Lighting Revisions	$0	$4,082
CO 00030	CM 00158	Remove & Replace Boat Shop Conduit	$0	$203
CO 00031	CM 00159	150 KVA Transformer Grounding	$0	$754
CO 00032	CM 00160	Kitchen Refrig. Elect. Revisions	$0	$2,894
CO 00033	CM 00167	Elevator Disconnect	$0	$1,401
CO 00034	CM 00175	B1 Light Fixtures In Corridor A2	$0	$1,309
CO 00035	CM 00144	Additional Outlets FFE Coordination	$0	$116,391
CO 00036	CM 00181	Fire Alarm Sequence of Operation	$0	$1,060
CO 00037	CM 00182	Surface Mount F/A Boxes	$0	$489
CO 00038	CM 00183	Power for Motorized Shades	$0	$14,674
CO 00039	CM 00185	TV Cabling System	$0	$1,525
CO 00040	CM 00186	Additional Tech. Boxes & Conduits	$0	$5,515
CO 00041	CM 00206	Additional Patch Panels	$0	$3,587
CO 00042	CM 00207	Additional AOR Sign	$0	$500
CO 00043	CM 00205	ASI 88 Rm C 118 Lighting Changes	$0	$24,454
CO 00044	CM 00252	Remove & Replace Elect Systems	$0	$2,890
CO 00045	CM 00253	Display Case Lighting	$0	$343

AREA/ITEM			EST./PENDING	APPROVED
10 161100 Electrical				
CO 00046	CM 00254	Hatchery UV & Compressor	$0	$2,931
CO 00047	CM 00255	Outdoor Sprinkler Bell	$0	$614
CO 00048	CM 00256	Exit & Emergency Lights	$0	$6,250
CO 00049	CM 00257	Exit & EM Lights A Building	$0	$1,876
CO 00050	CM 00258	Elevator Lighting Homeruns	$0	$1,433
CO 00051	CM 00259	Additional Smartboard Wiring	$0	$3,684
CO 00052	CM 00260	Server Room Power	$0	$3,550
CO 00053	CM 00261	Seafood & Chem Lab GFI's	$0	$461
CO 00054	CM 00262	Hatchery In Use Covers	$0	$634
CO 00055	CM 00263	C137 Dish Washer	$0	$1,202
CO 00056	CM 00264	ASI 124 Hand Dryers	$0	$1,835
CO 00057	CM 00265	Auto Clave Wiring	$0	$3,076
CO 00058	CM 00284	Additional Data Drops Resource Rm	$0	$2,498
CO 00059	CM 00292	Generator Annuciator	$0	$2,313
CO 00060	CM 00293	Additional Hatchery Outlets	$0	$11,494
CO 00061	CM 00294	Heat Pump Wiring	$0	$388
CO 00062	CM 00305	B120-B121 A/C & Mini Sub Wiring 1	$0	$6,271
CO 00063	CM 00306	B120-B121 A/C & Mini Sub Wiring 2	$0	$2,024
CO 00063	CM 00306	B120-B121 A/C & Mini Sub Wiring 2	$0	$1,936
CO 00063	CM 00306	B120-B121 A/C & Mini Sub Wiring 2	$0	$1,819
CO 00063	CM 00306	B120-B121 A/C & Mini Sub Wiring 2	$0	$1,970
CO 00063	CM 00306	B120-B121 A/C & Mini Sub Wiring 2	$0	$1,699
CO 00063	CM 00306	B120-B121 A/C & Mini Sub Wiring 2	$0	$2,667
CO 00064	CM 00307	Acme T&M Tickets 3894, 3895	$0	$3,629
CO 00065	CM 00308	Additional Hatchery Monitoring	$0	$10,954
CO 00066	CM 00309	Misc T&M Work 1	$0	$2,881
CO 00066	CM 00309	Misc T&M Work 1	$0	$2,623
CO 00066	CM 00309	Misc T&M Work 1	$0	$1,427
CO 00066	CM 00309	Misc T&M Work 1	$0	$2,245
CO 00066	CM 00309	Misc T&M Work 1	$0	$2,355
CO 00066	CM 00309	Misc T&M Work 1	$0	$2,735
CO 00067	CM 00310	Misc T&M Work 2	$0	$3,224
CO 00068	CM 00311	Tower 3 & 4 Floor Boxes	$0	$10,786
CO 00069	CM 00312	AHU-3 Wiring	$0	$653
CO 00070	CM 00315	Electrical Site Revisions	$0	$13,226
CO 00071	CM 00319	Ceiling Tile Upgrade	$0	$1,019
CO 00071	CM 00319	Ceiling Tile Upgrade	$0	$3,134
CO 00071	CM 00319	Ceiling Tile Upgrade	$0	$2,502
CO 00072	CM 00320	ASI 143 Chem Lab Electrical 1	$0	$2,962
CO 00072	CM 00320	ASI 143 Chem Lab Electrical 1	$0	$4,945
CO 00072	CM 00320	ASI 143 Chem Lab Electrical 1	$0	$2,837
CO 00073	CM 00321	Chem Lab Electrical 2	$0	$3,440
CO 00073	CM 00321	Chem Lab Electrical 2	$0	$2,545
CO 00073	CM 00321	Chem Lab Electrical 2	$0	$2,454
CO 00073	CM 00321	Chem Lab Electrical 2	$0	$2,462
CO 00074	CM 00322	Salt Water Pump Wiring	$0	$203
CO 00075	CM 00323	Freezer Monitor Power Supply	$0	$2,570
CO 00076	CM 00324	ASI 138 Door C101 Hold Open	$0	$2,238
CO 00077	CM 00291	Egress Emergency Lighting	$0	$12,471
CO 00078	CM 00317	Egress Emergency Lighting 2	$0	$4,667

AREA/ITEM			EST./PENDING	APPROVED
10 161100 Electrical				
CO 00079	CM 00318	Egress Emergency Lighting	$0	$11,220
CO 00080	CM 00112	Rm A 204 Booster Fan Wiring	$0	$431
CO 00081	CM 00161	Additional Service Grounding	$0	$2,321
CO 00082	CM 00184	EPO Switches Rms C131 & C133	$0	$610
CO 00083	CM 00357	ASI 058-1 Circuit Design Revisions	$0	$7,300
CO 00084	CM 00358	ASI 071-1 Hatch Overhead Door Power	$0	$5,971
CO 00085	CM 00359	Emergency Lights Time Delay	$0	$7,418
CO 00086	CM 00360	Additional Bond Costs	$0	$8,829
		Subtotal - Electrical	**$0**	**$757,011**
10 999907 CM-Reimbursible				
CO 00002	CM 00020	RVAS Pre-Con Site Clean Up	$0	$7,341
CO 00003	CM 00027	MWBE Monitoring Services	$0	$12,600
CO 00004	CM 00070	Aquaculture Equipment Submittals	$0	$0
CO 00005	CM 00131	CM Extended Reimbusables	$0	$244,594
		Subtotal - CM-Reimbursible	**$0**	**$264,535**
20 012110 Special Inspections				
CO 00006	CM 00014	Special Inspection Services	$0	$28,875
		Subtotal - Special Inspections	**$0**	**$28,875**
20 012120 Remediation Oversight				
CO 00002	CM 00016	ENVIORMENTAL OVERSIGHT to TO #25	$0	$28,200
CO 00002	CM 00016	ENVIORMENTAL OVERSIGHT to TO #25	$0	$4,800
CO 00002	CM 00016	ENVIORMENTAL OVERSIGHT to TO #25	$0	$4,600
CO 00002	CM 00016	ENVIORMENTAL OVERSIGHT to TO #25	$0	$6,000
CO 00002	CM 00016	ENVIORMENTAL OVERSIGHT to TO #25	$0	$9,200
CO 00002	CM 00016	ENVIORMENTAL OVERSIGHT to TO #25	$0	$27,700
CO 00002	CM 00016	ENVIORMENTAL OVERSIGHT to TO #25	$0	$11,099
CO 00002	CM 00016	ENVIORMENTAL OVERSIGHT to TO #25	$0	$4,700
CO 00003	CM 00105	Sewer Line Soil Testing	$0	$20,000
CO 00005	CM 00352	Final Air Sampling Closeout	$0	$633
		Subtotal - Remediation Oversight	**$0**	**$116,932**
20 017140 Builder's Risk Insurance				
CO TO#5B/A6	CM 00026	Bldrs Risk Insurance	$0	$19,269
		Subtotal - Builder's Risk Insurance	**$0**	**$19,269**
20 017340 Printing & Advertising				
CO 00001	CM 00017	ADDENDUM PRINTING COST 1	$0	$13,108
CO 00002	CM 00018	ADDENDUM PRINTING COST 2	$0	$10,000
		Subtotal - Printing & Advertising	**$0**	**$23,108**
20 019271 Environmental Assessments				
CO 00001	CM 00001	T.O. #14 - Phase III Outside	$0	$17,950
CO 00001	CM 00011	TSCA TESTING	$0	$15,000
CO 00004	CM 00327	AIR CLEARANCE CLOSEOUT REPORT	$0	$4,200
		Subtotal - Environmental Assessments	**$0**	**$37,150**
20 999905 Preconstruction Fee				
CO TO#5B/A3		Amendment #3 to Task Order #5B	$0	$22,500
CO TO#5B/A4	CM 00007	Provide Estimate for SD	$0	$22,600
		Subtotal - Preconstruction Fee	**$0**	**$45,100**

AREA/ITEM			EST./PENDING	APPROVED
20 999915 Program Management				
CO TO#5B/A2		Amendment #2 to Task Order #5B	$0	$178,284
CO TO#5B/A5	CM 00008	Program Management	$0	$1,061,213
		Subtotal - Program Management	**$0**	**$1,239,497**
20012105 Utility Charges				
CO 00001	CM 00110	Increase allowance	$0	$20,000
CO 00002	CM 00196	Additional Electric Consumption	$0	$15,000
		Subtotal - Utility Charges	**$0**	**$35,000**
20019261 Commissioning Services				
CO 00001	CM 00109	ADDITIONAL COMMISSIONING SERVICES	$0	$7,800
		Subtotal - Commissioning Services	**$0**	**$7,800**
21 019240 A/E Fees				
CO 00001	CM 00004	Additional A/E Services - Rev. Gran	$0	$10,800
CO 00001	CM 00004	Additional A/E Services - Rev. Gran	$0	$610,800
CO 00001	CM 00004	Additional A/E Services - Rev. Gran	$0	$50,000
CO 00001	CM 00004	Additional A/E Services - Rev. Gran	$0	$70,000
CO 00001	CM 00004	Additional A/E Services - Rev. Gran	$0	$305,400
CO 00001	CM 00004	Additional A/E Services - Rev. Gran	$0	$381,750
CO 00002		F, F & E Design Services	$0	$23,800
CO 00003		Technology Design Services	$0	$15,000
CO 00004	CM 00010	KBA- TO #5 A/E 2 DESIGN DEVELOPMENT	$0	$19,600
CO 00005	CM 00003	Close out previous Task Orders	$0	($445,655)
CO 00005	CM 00012	PILE DESIGN ALTERNATIVES	$0	$10,000
CO 00007	CM 00022	BSF/PCT REQUIREMENTS	$0	$12,098
CO 00008	CM 00166	Additional Technology Design Fees	$0	$12,275
		Subtotal - A/E Fees	**$0**	**$1,075,867**
21 019241 A/E Reimbursables				
CO 00001		Increased E&O Insurance	$0	$12,500
CO 00001	CM 00004	Additional A/E Services - Rev. Gran	$0	$20,000
CO 00005	CM 00003	Close out previous Task Orders	$0	($20,608)
		Subtotal - A/E Reimbursables	**$0**	**$11,892**
23 103300 Technology Equipment				
CO 00001	CM 00145	Technology Packages T9-T14 Changes	$0	($1,351)
CO 00001	CM 00145	Technology Packages T9-T14 Changes	$0	$2,700
CO 00001	CM 00145	Technology Packages T9-T14 Changes	$0	$2,980
CO 00001	CM 00145	Technology Packages T9-T14 Changes	$0	$6,985
CO 00001	CM 00164	FF&E/Technology - Weatherbug	$0	($2,500)
CO 00001	CM 00198	FF&E/Technology - Speaker Change	$0	$1,824
CO 00001	CM 00198	FF&E/Technology - Speaker Change	$0	($666)
CO 00001	CM 00198	FF&E/Technology - Speaker Change	$0	$1,824
CO 00001	CM 00198	FF&E/Technology - Speaker Change	$0	$1,089
CO 00001	CM 00198	FF&E/Technology - Speaker Change	$0	($3,781)
CO 00001	CM 00203	FF&E/Tech -Addt'l Switches & GBIC	$0	$4,864
CO 00001	CM 00203	FF&E/Tech -Addt'l Switches & GBIC	$0	($1,212)
CO 00001	CM 00203	FF&E/Tech -Addt'l Switches & GBIC	$0	$17,691
CO 00001	CM 00203	FF&E/Tech -Addt'l Switches & GBIC	$0	$108
CO 00001	CM 00203	FF&E/Tech -Addt'l Switches & GBIC	$0	$1,305
CO 00001	CM 00203	FF&E/Tech -Addt'l Switches & GBIC	$0	$484

AREA/ITEM			EST./PENDING	APPROVED
23 103300 Technology Equipment				
CO 00001	CM 00203	FF&E/Tech -Addt'l Switches & GBIC	$0	$127
CO 00002	CM 00266	FF&E/Tech -WAPS Wall Mounts	$0	$297
CO 00002	CM 00272	FF&E/Technology - Weatherbug	$0	$2,500
CO 00003	CM 00233	Addt'l V-Brick Equipment	$0	$2,700
CO 00005	CM 00361	Telecommunications Equipment	$0	$6,925
		Subtotal - Technology Equipment	**$0**	**$44,893**
23 124100 Furniture and Equipment				
CO 00001	CM 00147	FF&E - Falcom Remotely Operated Veh	$0	$7,770
CO 00001	CM 00214	FF&E Aquatic Equipment	$0	$75
CO 00001	CM 00218	FF&E - Addt'l Admin Furniture	$0	$1,495
CO 00001	CM 00218	FF&E - Addt'l Admin Furniture	$0	$375
CO 00001	CM 00326	FF&E - Science Glassware Washer	$0	$11,288
CO 00001	CM 00325	FF&E - Microscopes	$0	$5,439
CO 00001	CM 00325	FF&E - Microscopes	$0	($1,095)
CO 00001	CM 00344	Gantry Support	$0	$4,800
CO 00001	CM 00363	FF&E - Microcentrifuge & Neoscope	$0	($38,544)
CO 00002	CM 00168	"V" BRICK SYSTEMS PACKAGE T-14	$0	$44,540
CO 00002	CM 00204	FF&E - Falcom Remotely Operated Veh	$0	$45,260
CO 00003	CM 00273	FF&E - Falcom Remotely Operated Veh	$0	$398
		Subtotal - Furniture and Equipment	**$0**	**$81,800**
24 017330 Permit Fees				
CO 00001	CM 00013	New Building Permit Fee Diferential	$0	$24,998
		Subtotal - Permit Fees	**$0**	**$24,998**
		Report Total:	**$0**	**$4,563,923**

Type	To	Request	From	Number	Issue	Title	Answer	Status	Dated	Responded	Required
RFI	BISMARK		KBA	C117-2		Existing Infill in B124		CLO	11/23/2009		11/30/2009
		The answer to RFI C117 is incorrect. Please provide the correct information as directed by John Chipko.					The edge of the proposed slab along the east and north sides of the existing building where the new slab on grade is above the existing slab on grade will be modified with a haunch as shown in SKS-10 and 11. Peel and stick waterproofing membrane will be adhered to the surface of the existing slab and face of brick after it has been cleaned according to the manufacturer's requirements. The membrane will begin 12" below the bottom of the haunch and extend 12" above the top of the new slab. The vapor retarder that is require below the new slab on grade will extend vertically against the waterproofing membrane. Continuous 2" rigid insulation will be installed between the vapor retarder and the end of the new concrete slab. The insulation will be the full thickness of the new slab haunch. On SKS-11, a new concrete knee wall is shown on top of the slab on grade below the proposed firewall and bracing buttresses. The original reinforcing dowels and masonry wall dowels will be installed as shown on the Contract Documents. In addition, 2-#5 horizontal bars will be installed at the top of knee wall.				
RFI	KBA		BISMARK	C 102		Chiller Power Requirements		CLO	10/19/2009	10/20/2009	10/22/2009
		The original contract drawings show 3 - 500 MCM conductors in a 3" conduit with a 450 amp circuit breaker. The information provided for the "approved" chiller indicates the MCA as 417 amps and the MOP and 500 amps. Please advise on conductor, conduit, and breaker sizes required for this equipment.					See attached response from Kohler Ronan dated 10/19/09.				
RFI	KBA		BISMARK	C001		Stone Depth at Stormtech System		CLO	4/2/2009	4/3/2009	4/9/2009
		Triton Environmental is doing further research to characterize the amounts of TSCA soils which require excavation. Details 10 and 12 on C3.02 references stone underneath the Stormtech Chamber System to be determined by the Design Engineer, In order to determine the proper depth of TSCA removal without over-excavating please provide this stone depth to include this value in Triton Environmental's calculations.					Response from WMC dated 04/03/09: Provide 12" of stone under Stormtech Chambers. (See attachment for original response)				
RFI	KBA		BISMARK	C002		Underground Piping / Grade Beams		CLO	4/23/2009	4/29/2009	4/30/2009
		It appears most or all underground plumbing work will be at elevations below the grade beams based on invert shown on civil drawings. However, when actual coordination shows that we must penetrate a beam, will you be boxing out or sleeving the beam? If so what are any restrictions for the penetration?					Any conflicts between grade beams and utilities must be documented and the information (height below 0' -0" datum, location from column lines and size of opening) submitted to KBA for our review and recommendations. Typical, boxouts are shown on sheet S8.01				
RFI	KBA		BISMARK	C003		Trench Drain / Grade Beams		CLO	4/23/2009	5/7/2009	4/30/2009
		Reference P1.03, S1.01 and F6/S5.02 at room C136. Trench drain running on top of grade beam calls for "gully" catch basin on outlet which is approximately 30" tall. This would require the grade beam to be interrupted to allow the gully. Also, the specified 8" wide trench drain comes in 3 heights, 11", 13" and 15" deep. The top of beam is 12" below the finish floor. the 13" and 15" height trench will not fit. Only the 11" deep trench will fit and therefore no stepped slope can be achieved. Be advised "stepped slope" specified is level runs at any of the 3 heights with a short step section to adjoin to another height. It is not a continuous slope, as suggested by slope notes along the drain on P1.03. Also, the drain layout is not dimensioned. Will it be laid out based on scaling the contract drawing?					Please see attached response from Kohler Ronan dated 05/05/09.				
RFI	KBA		BISMARK	C004		Roofing Demo Clarifications		CLO	5/12/2009	5/28/2009	5/19/2009
		The shingle roof details call for removing the roof down to the plywood substrate that is over the steel decking. The plywood substrate is to remain and the new nailboard is to be installed over the existing plywood. The problem we have is that there is insulation with a non vented nailboard under the plywood and should be removed. On Drawing A3.01 under Alt. No. 2 Roof Construction Types Detail 'D" tells the roofer to remove and dispose of asphalt shingles, insulation, and underlayments but install all new materials on existing plywood and metal deck. Please clarify the extent of the roof demolition required.					Remove shingles and underlayments (building felt) down to the plywood to remain. Install new 50 year asphalt shingles on 30 lb building felt on 3/4" exterior grade plywood on 5/4" wood spacers 12" O.C. assembly over the plywood to remain.				