

BID FORM
for
JOLIET JUNIOR COLLEGE, MFP PH2
Joliet, IL 60431
GILBANE JOB NO. 4764

BID RELEASE 19, BID PACKAGE 02I
Sitework, Excavation & Concrete Work
Natural Sciences Addition & Renovation
September 20, 2010

MANDATORY PRE-BID: September 27, 2010
TIME: 9:00 AM CST
LOCATION: Joliet Junior College
Building "K" – Theatre K1000
Last date for Bidder's questions is 10/06/10 by 2:00 PM

SUBMIT 1 ORIGINAL
AND 2 COPIES

PROPOSAL DUE DATE: October 19, 2010
TIME: 9:00 AM CST
BID OPENING LOCATION: Joliet Junior College
Building "T" - Room T1002

Joliet Junior College, Illinois Community College District No. 525
Office of Business and Auxiliary Services
1215 Houbolt Road
Room H1018
Joliet, Illinois 60431-8938
Attn: Judy Mitchell, Director of Business and Auxiliary Services

FORWARD
PROPOSAL TO

FIRM NAME:

_____, the undersigned.

A. Proposes to furnish all labor, materials, equipment, and services as required to satisfactorily complete all **Sitework, Excavation & Concrete Work** herein described as **Bid Package No. 02I** as required for the construction and completion of the Natural Sciences Addition & Renovation Project in accordance with the Drawings and Specifications as prepared by Legat Architects and their Consultants, the Contract Documents, Project Manual Volumes 1, 2, 3 dated September 20, 2010, this Bid Form, and all documents incorporated by reference. It is expressly understood by the Bidder that each of the enumerated documents as set forth in this paragraph are incorporated by reference as part of the Bid Proposal.

B. All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of _____

_____ (\$ _____)
(Show amount in both words and figures, in case of discrepancy amount shown in words will govern)

The Lump Sum Bid Price above EXCLUDES all applicable sales, consumer, use and other similar taxes for the project on the equipment and materials to be incorporated into the work (project is tax-exempt); INCLUDES all insurance premiums required to meet Schedule "A" - Insurance Specifications; and INCLUDES all premiums for Performance and Labor & Material Payment Bonds in the sum of one hundred ten percent of the Contract price.

- C. Bidder agrees that upon award of the contract by Joliet Junior College if written notice of the acceptance of this bid is mailed or delivered to the undersigned within sixty (60) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the undersigned shall meet with representatives of Joliet Junior College and Gilbane Building Company at Joliet Junior College's office or at a mutually agreed upon location to execute the contract which is included as an Exhibit within this Project Manual.

The Trade Contractor's contract will be held by and made with Joliet Junior College; Gilbane Building Company will be acting on the behalf of Joliet Junior College as their Construction Manager (agent). A Performance Bond and Labor & Material Payment Bond will be delivered to the Construction Manager at the time of execution of the Contract on the form contained within the Project Manual identifying Joliet Junior College and Gilbane Building Company as dual obligees. Failure to execute said contract within ten (10) days after receipt of written Notice to Proceed may be considered a default under the obligation of the bid bond. Insurance certificates shall be provided before starting on-site activities if such activities occur before the Contract is signed.

By submitting its bid, the Bidder hereby agrees that the Owner may, in its sole discretion, decide which combination of base bid plus alternates, (if any) would provide the Owner with the most efficient expenditure of the Owner's funds with respect to any particular Bidder. Owner's selection and determination of which combinations of base bid plus alternates (if any) would provide the most efficient expenditure of the Owner's funds shall form the basis of awarding the contract. By submitting its bid, Bidder further agrees that the sum total of the base bid plus alternates (if any) as so determined by the Owner separately for each Bidder shall be deemed to be such Bidder's bid for purposes of determining the lowest responsible Bidder for such portion of the work or for such bid package. Such determination by the Owner shall not be subject to challenge by the Bidder.

- D. The above price includes all stipulations and requirements of Supplement Numbers: _____, which have been received and accepted by the undersigned.

- E. MILESTONE SCHEDULE DATES

See the Draft Milestone/Sequencing Schedule for reference. Dates and durations given are for reference only and are subject to change. Each awarded Trade Contractor, within 30 calendar days of being notified of their award, shall provide a CPM schedule (utilizing Primavera Project Planner or SureTrack software) to the Construction Manager defining scope of work items, items requiring fabrication, etc.; each with their respective anticipated start dates, end dates and durations. Trade Contractor is to identify any areas of potential conflict which may impact the Draft Milestone/Sequencing Schedule durations and/or milestones and/or prevent the Trade Contractor in meeting the expected start and finish dates identified in the Draft Milestone/Sequencing Schedule. All work is to be completed in accordance with the Draft Milestone/Sequencing Schedule Dates as follows:

Bid Release 19 - Milestone Schedule Dates (Estimated)

| | Start | Finish |
|-------------------------------------------------------|--------------|---------------|
| Bid Proposals Due | | 10/19/2010 |
| Anticipated Dates for Bid Scope Review | 10/20/2010 | 10/22/2010 |
| Anticipated Date of Contract Award | | 11/9/2010 |
| Anticipated Contract Issuance (Insurance, Bond, etc.) | 11/9/2010 | 11/30/2010 |
| Anticipated Preconstruction Meeting | | 11/24/2010 |
| Anticipated Mobilization/Site Prep | 12/1/2010 | 12/10/2010 |
| Submittals/Review/Procurement (varies per trade) | 12/1/2010 | 7/25/2011 |
| Building 3D coordination (BIM) | 12/30/2010 | 3/24/2011 |
| Chilled Water Mains ccoordination | 12/30/2010 | 1/20/2012 |
| | | |
| New Addition | | |
| Start Construction, Site Prep/Excavation/Ftgs/Fndtns. | 12/1/2010 | TBD |
| Structural Steel/Decking Erection | TBD | TBD |
| EPDM Roofing | TBD | TBD |
| Building Enclosure (EIFS/Curtainwall/Mtl Pnls) | TBD | TBD |
| Interior Layout/Walls/HM Frames | TBD | TBD |
| MEP/FP rough-in (Below slab/In wall/Overhead) | TBD | TBD |
| Equipment Pads/AHUs/Boilers | TBD | TBD |
| Interior Equipment/Trim/Finish | TBD | TBD |
| Commissioning (Addition) | TBD | TBD |
| Substantial Completion - Addition | | 5/1/2012 |
| | | |
| Remodeling Existing | | |
| Relocate Existing /Disconnect MEP/FP | 5/15/2012 | TBD |
| Abatement | TBD | TBD |
| Demolition | TBD | TBD |
| Interior Layout/Walls/HM Frames | TBD | TBD |
| MEP/FP rough-in (Below slab/In wall/Overhead) | TBD | TBD |
| Interior Equipment/Trim/Finish | TBD | TBD |
| Commissioning (Remodeling) | TBD | TBD |
| Substantial Completion - Remodeling | | 8/15/2012 |
| | | |
| Remodeling Existing E2006/E2007 | | |
| Relocate Existing /Disconnect MEP/FP | 8/15/2012 | TBD |
| Abatement | TBD | TBD |
| Demolition | TBD | TBD |
| MEP/FP rough-in (In wall/Overhead) | TBD | TBD |
| Interior Equipment/Trim/Finish | TBD | TBD |
| Commissioning (E2006/E2007) | TBD | TBD |
| Substantial Completion - E2006/E2007 | | 9/15/2012 |

F. TRADE-SUBCONTRACTORS

The following trade subcontractors are proposed for the item of work listed. Trade Subcontractors are subject to review per the General Conditions. List only firms that will supply labor at the site.

| ITEM OF WORK | TRADE SUBCONTRACTORS |
|--------------|----------------------|
| | |
| | |
| | |
| | |
| | |
| | |

G. NOT USED

H. UNIT PRICES

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. ALL Unit Prices submitted shall be complete in-place prices and include all costs for overhead, profit, bond costs, labor, materials, equipment, engineering, shop drawings and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Deductive unit prices will be calculated at no less than 85% of the additive unit price.

| Unit Prices (furnished and installed unless noted otherwise): <u>Description</u> | <u>Cost</u> |
|-------------------------------------------------------------------------------------------------------------------|-------------|
| Bedrock removal and disposal per cubic yard | \$ / C.Y. |
| Unsuitable soils removal and offsite disposal per cubic yard | \$ / C.Y. |
| Additional Clean fill replacement placed and compacted (clay), per CY based on 100 CY | \$ / C.Y. |
| Compacted CA6, per CY based on 50 CY | |
| Sidewalk removal, disposal and replacement per square foot | \$ / S.F. |
| Asphalt patching (saw-cut edges, removal, disposal, replacement) per square foot | \$ / S.F. |
| Removal of fill below subgrade/replace with granular material for a complete installation, per CY based on 100 CY | \$ /C.Y. |
| Perimeter Foundation walls including reinforcement & formwork / CY | \$ /C.Y. |
| Slab on grade including reinforcement & formwork / S.F. | \$ /S.F. |
| Engineered granular sub-base placed and compacted / CY | \$ /C.Y. |
| Continuous footing including reinforcement / CY | \$ /C.Y. |
| Isolated column footings including reinforcement & formwork/ CY | \$ /C.Y. |
| Slab on deck including reinforcement & formwork / S.F. | \$ /S.F. |
| Heating Blanket for Winter Conditions / EA (30 Day Rental Period) | \$ /EA |
| Concrete Sealer Work complete with cleaning and base prep, per sf based on 50 sf | \$ /S.F. |

I. ALTERNATE PRICES

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract), which are described in the Alternate, or are reasonably inferable there from. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate prices shall also include all costs of overhead, profit and bond costs associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence. If any combination of alternates is accepted, the classrooms identified must be completed within the time periods provided.

Alternates:

Alternate 1: Eliminate the 1/4" slab depression in the atrium area. Refer to note '2' on sheet S-101B.

DEDUCT (\$ _____) FROM THE BASE BID.

Alternate 2: Eliminate the concrete sealer work in the following laboratory teaching and prep areas - Rooms # E1011, E1012, E1002, E1005, E1006, E1007, E1008, E1009, E1010, E1035, E1036, E1037, E1037A, E1037B, E1038, E1039, E1041, E1074, E1063, E2009, E2010, E2011, E2011A, E2012, E2012A, E2047, E2013, E2013A, E2014, E2014A, E2046, E2015, E2016, E2022, E2024, E2023, E2025, E2027, E2028, E2032, E2030, E2034, E2035, E2009A, E2029, E2026 and E2036.

DEDUCT (\$ _____) FROM THE BASE BID

Alternate 3: Eliminate the concrete sealer work in the following corridors - Rooms # E1072, E1071, E1069, E2065, E2045 and E2050

DEDUCT (\$ _____) FROM THE BASE BID

J. COST ALLOWANCES

The Bidder includes the following Cost Allowances in the total Lump Sum Amount of the Base Bid for this Bid Package. See General Conditions for definition of Allowances.

The Trade Contractor must include the cost of the allowances in the Base Bid. The Base Bid cost of this package should include the appropriate mark-up on the allowances. All work completed under the allowance will be paid at cost since the mark-up is incorporated in the base bid. Trade Contractors are not entitled to any unspent balance.

Cost Allowances:

| | | |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| 1 | <p>General Cleanup Allowance: Notwithstanding the Trade Contractor's obligation for his own cleanup under the general conditions, include in the base bid a sum of \$75.00 for every 80 man-hours (or fraction thereof) actually expended on-site regardless of trade or labor classification. This cost will be used for cleanup of unidentifiable trash and debris as directed by the Construction Manager, and will be deducted from the Contract Sum periodically to pay for cleanup services. Trade Contractors are not entitled to any unspent balance. Costs for this scope of work item are over and above costs for cleanup required by the general conditions. This requirement does not eliminate this Trade Contractors responsibility for the daily clean up of his/her work efforts. The formula for this fee is as follows: $\frac{\text{Total Man hours}}{80} \times \\$75.00 = \\$ \text{CLEANUP FEE}$ Bidder to fill in: _____ man-hours</p> | <p>\$ _____ (Bidder to Fill In)</p> |
| 2 | <p>Miscellaneous Work Allowance: Miscellaneous work to be completed at the direction of the Construction Manager</p> | <p>\$20,000</p> |
| 3 | <p>Unsuitable Soil Allowance below subgrade</p> | <p>\$20,000</p> |
| 4 | <p>Temporary Toilet Allowance: Temporary Toilets to be provided, maintained & located as directed by the Construction Manager</p> | <p>\$10,000</p> |
| 5 | <p>Miscellaneous Winter Conditions Allowance: Miscellaneous winter conditions work to be completed as directed by the Construction Manager</p> | <p>\$20,000</p> |
| 6 | <p>Miscellaneous Site Maintenance Allowance: Miscellaneous site maintenance and clean up as directed by the Construction Manager</p> | <p>\$10,000</p> |

K. COST AND QUANTITY BREAKDOWN

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here. Do NOT include the cost of any alternates in base bid or in the following information. Cost and quantity breakdown shall include all related work to the subject category.

1. Cost Breakdown

| | |
|-------------------|----|
| Site Demolition | \$ |
| Excavation | \$ |
| Granular sub-base | \$ |

| | |
|----------------------------------------------------------------------|------------------|
| Temporary Pavement | \$ |
| Silt Fencing | \$ |
| Construction Fencing (including gates, locks, chain & maintenance) | \$ |
| Curbs and Gutters | \$ |
| Catch Basins | \$ |
| Removal of Soil | \$ |
| Foundations/ Footings/ Piers | \$ |
| Slab on Grade | \$ |
| Slab on decks | \$ |
| Metal Pan Stair Concrete | \$ |
| Miscellaneous Concrete | \$ |
| Concrete Sealer | \$ |
| Foundation Insulation | \$ |
| Setting of anchor bolts & setting plates | \$ |
| Final Paving and sidewalks | \$ |
| Final Grading | \$ |
| Seeding | \$ |
| General Condition | \$ |
| Cleanup of Own Debris | \$ |
| \$75/ 80MH of Clean-Up Allowance | \$ |
| Allowances described above | \$ 80,000 |
| Total bond cost | \$ |
| Mobilization | \$ |
| Shop Drawings & Submittals | \$ |
| Miscellaneous not included above (define below) | \$ |
| Total Bid (Total of all items above including the Allowances) | \$ |
| Estimated total of On-Site Man-hours (required) | (Man-hours) |

1. Quantity Breakdown

| Item | Quantity | Material Cost | Installation Cost | Total Cost |
|-------------------|----------|---------------|-------------------|------------|
| Excavation (cut) | | \$ | \$ | \$ |
| Excavation (fill) | | \$ | \$ | \$ |

| | | | | |
|------------------------------|--|----|----|----|
| Silt Fencing | | \$ | \$ | \$ |
| Granular Sub-Base | | \$ | \$ | \$ |
| Catch Basins | | \$ | \$ | \$ |
| Concrete Curbs | | \$ | \$ | \$ |
| Construction Fencing | | \$ | \$ | \$ |
| Foundations/ Footings/ Piers | | \$ | \$ | \$ |
| Slab on Grade | | \$ | \$ | \$ |
| Slab on decks | | \$ | \$ | \$ |
| Metal Pan Stair Concrete | | \$ | \$ | \$ |
| Concrete Sealer | | \$ | \$ | \$ |
| Misc. not included above | | \$ | \$ | \$ |

L. SCOPE OF WORK

1. Description of Work Included:

Except for those items (if any) specifically noted in the section below entitled "Work Excluded From This Bid Package", the work of this Bid Package shall INCLUDE, but is not necessarily limited to, all of the following:

- a. All items of work required by, and/or specified in, those sections of the Specifications which are listed herein under Section M SPECIFICATIONS – Specific Sections.
- b. All items of work related to the "Scope of Work", which are indicated in the Specifications which are listed herein under Section M SPECIFICATIONS – Related Sections.
- c. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N CONTRACT DRAWINGS.
- d. The following "Specific Items to be Included" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written Scope of Work and any scope items implied by the above referenced documents, this Scope of Work shall govern.

SPECIFIC ITEMS TO BE INCLUDED

Perform complete "Sitework, Excavation & Concrete Work" and related work as required by and in accordance with the Conditions of Contract, Drawings, Specifications, and elaborations below. The Work shall include all labor, materials, equipment, and related items necessary to complete all of the work defined in the following specification sections, except for those noted exclusions or clarifications listed below.

In general, the following clarifies the scope of work to be included. It is intended for clarification and convenience only and is not intended to limit any portion of the scope of this bid package.

1. Provide complete site work and cast-in-place concrete work, including but not limited to, bituminous pavements (all types), concrete pavements and walk-ways, curbs and gutters, storm piping, catch basins, grates, man-holes, etc. as shown in the contract documents. Include all subgrade preparation and compaction, proof rolling, granular fill, subbase installation and compaction, etc., for a complete installation. Include all necessary protection for work (barricades, concrete blankets, etc.). Provide all excavation, compaction, backfilling, spoil removal, dewatering, filter fabrics asphalt patching, etc. required to complete this trade contractors work.
2. Provide all moisture content testing on all subsurfaces to receive this trade contractor's work. Gilbane is to be notified verbally immediately and in writing within 24 hours of all tests that are above the specified limits.
3. Provide complete removal and proper disposal of concrete pads, sidewalks, site utilities, etc., as per the contract documents. Demolition includes but is not limited to the temporary asphalt walk-way, asphalt pavement, inlets, catchbasins, manholes, concrete curbs, concrete pavement, all site utilities, trees, etc. Complete proper offsite disposal is required.
4. Provide and install temporary asphalt sidewalk as shown on the bid documents. This temporary sidewalk is to be installed prior to the demolition of the existing concrete sidewalk, in order to maintain an uninterrupted access to the building.
5. Include demolition of the temporary walkway after the permanent sidewalk has been installed. Renovate this area and any other existing area that is damaged because of construction activities, including any regarding, seeding etc.
6. Removal of existing signage as required for new work is required by this trade contractor. The signs shall be turned over to Joliet Junior College for future use.
7. Provide and install all silt fencing and inlet protection.
8. Offsite disposal of all spoils and excavated material is required by this trade contractor.
9. There is an existing topsoil stockpile onsite within a ½ mile of project site this trade contractor is to utilize for topsoil spreading only. This trade contractor is to haul material from the stockpile, clean as required for respreading, and provide complete seeding, mulch blanket, and final grading as shown on the contract documents.
10. Structural excavation by this trade contractor shall include but not be limited to building pad mass excavation, all footings, foundations, piers, column pads, etc. all to grades indicated on the drawings.
11. All backfill and fill material is to be provided by this trade contractor.
12. Supply and install the engineered fill sub base and vapor retarder under all interior slabs on grade as required per Contract Documents. This Trade Contractor shall verify elevations prior to commencement of work.
13. Cautiously work around the existing utility lines, including sanitary, storm, water, gas and acid waste, which will remain to serve the existing building. This Trade Contractor will be responsible for maintaining and protecting, including winter protection, these utility lines during construction.
14. Furnish and install all building concrete, framing and shoring of concrete structures, reinforcing steel, curing, and ancillary work, including but not limited to the following:
 - Concrete at all concrete filled metal stair pans and landings.

- Provide concrete control, expansion joints and sealant/joint filler as indicated on the Contract Documents (i.e. floor to floor, floor to wall)
 - All required reinforcing steel
 - Boxout for mechanical openings as required (slabs, floor, foundation walls, etc.)
 - Saw cutting of control joints and typical diamond boxouts at columns.
 - Concrete piers, footing, foundation walls, slab on grade, slab on deck, etc.
 - Concrete slab on grade reinforcing WWF (or other slab on grade reinforcing as may be specified), as indicated on the Contract Documents.
 - Concrete formwork and shoring.
 - All insulation for foundation work
 - All water proofing and damp proofing.
 - Lean concrete at areas indicated in the Contract Documents.
 - EPS Geofoam and Concrete for seat under the monumental stair
 - Geo-foam and/or flowable fill at areas indicated in the Contract Documents
 - Lightweight concrete as required per the Contract Documents
 - All stoop foundations and retaining walls.
 - Thickened slabs inclusive of any hand excavating
 - Housekeeping Pads and Concrete Curbs around mechanical penetrations in penthouse (Housekeeping pads for MEP/FP work will be provided by others)
 - Concrete Infill in floor troughs in the existing building as indicated on the bid documents
15. All heating blankets and protection for cold weather conditions need to be provided as required to protect existing footings/ foundations, piping, etc. which become exposed as a result of this Trade Contractor's work. Provide winter protection for new work installed under this bid package.
16. Provide all temporary protection, as well as all labor for as many setups required for work.
17. This Trade Contractor shall install all embeds, anchor bolts and setting plates as indicated on the drawings and as provided by others. All supplementary materials including but not limited to epoxy, non-shrinking grout, etc. required for the complete installation of the above shall be provided and installed by this Trade Contractor.
18. This Trade Contractor shall identify areas recently poured by flagging or other means to clearly identify wet concrete. Damage caused to concrete in areas not properly flagged or identified shall be this Trade Contractor's responsibility to repair.
19. Provide and install all sealing of concrete floors as specified in the bid documents. Include all cleaning and preparation work as required per the specifications in the base bid.
20. Coordinate with all MEP Trades for all sleeves, access panels and other openings that will effect this Trade Contractors Work.
21. Scrape and clean all floors and walls immediately after concrete pour and remove all spilled concrete from exposed existing finishes such as masonry walls, etc. in a timely manner and upon request.
22. All labor and materials to make the tie-ins between the new foundations and the existing foundations shall be by this Trade Contractor.
23. Trade Contractor is responsible for cleaning and removal of all excess materials. The removal off-site of concrete materials resulting from cleaning out of delivery trucks is the responsibility of this Trade Contractor.

24. Include proper pitch to floor drains for concrete slabs as indicated on the Contract Documents.
25. All slabs must meet the floor finish tolerances as indicated in the specifications. All slabs out of tolerance will be corrected at this Trade Contractor's expense.
26. Coordinate all concrete pours with the Construction Manager's Superintendent and other Trade Contractors on the job so as not to adversely effect the construction schedule.
27. Provide all concrete hoisting, conveying, and pumping required to complete this work.
28. Provide and maintain all construction fencing from the time of commencement of this project to completion and removal thereof, as identified in the bid documents and the site logistics plan. Fencing reconfiguration may be required to accommodate project access needs. Fencing will be in place for the duration of construction.
29. Provide the construction fence with all gates, combination locks and chain. Refer the site logistics plan for the location of the gates. Construction Fence shall be removable panels with driven gate posts.
30. Comply with all erosion control measures defined in the contract documents. The Contractor is required to comply with all testing requirements according to the contract documents. This trade contractor is required to provide qualified personnel who shall inspect the following
 - a. Disturbed areas of the construction site which have not been stabilized with impervious materials or vegetative ground cover.
 - b. Structural Control Measures (ie. Silt Fencing, Grate Fabric, etc).
 - c. Off-site roads and on-site pavements which the contractors vehicles and or equipment operate.
 - d. Such Inspections shall be conducted at least once every (7) calendar days and within 24 hours of the end of a storm event that has 0.5 inches or more of precipitation.
 - e. All inspections shall be in conformance with the storm water pollution prevention plan inspection requirements.
31. For this project, Gilbane has adopted a policy to reduce the amount of construction waste (includes asphalt and concrete being sent to landfills by 75%. To that end, the successful Site Work contractor will be required to provide documentation indicating that at least 75% of the entire construction waste (inclusive of concrete and asphalt pavement) shipped from this project has been recycled. Gilbane will be monitoring the progress of the successful bidder and reserves the right terminate his/her contract for non-performance. The following documentation will be required on a monthly basis in order to determine compliance with the waste recycling policy:
 - Monthly yardage reports of all waste shipped from the project site.
 - Monthly recycling rates for the facility in which the waste is being shipped to for processing.Please refer to the "WASTE MANAGEMENT PLAN" and project LEED Requirements for further instructions.
32. Provide dumpsters and trucks for removal of materials resulting from this scope of work.
33. The Owner has employed a testing agency for this project. This Trade Contractor shall conform to all testing requirements as identified within the Contract Documents. The Trade Contractor shall provide 48 hour notice to the Construction Manager prior to any concrete pours or other tests required to be completed.

34. Guard cables, provided by others, for fall protection safety around the perimeter of all floors may not be removed for any reason, unless prior permission is granted by the Construction Manager. If the Construction Manager permits, the Trade Contractor that removed the guard cable must re-install it to the specifications of the original installation.
35. Caution should be taken with all operations next to or over areas that are complete and/or immediately adjacent to existing entrances. Consult with the CM before starting operations in this area.
36. As may be related to the work of this bid package, this project intersects with an existing building. It is this Trade Contractor's responsibility to field verifies any and all existing conditions prior to fabrication. Any rework, field adjustments, re-fabrication, dismantling and re-installation will be at this Trade Contractor's own expense.

GENERAL PROVISIONS

1. The word Trade Contractor and the word Subcontractor are used interchangeably in the documents. Therefore where the words Trade Contractor or Subcontractor are used in the document, it shall mean a Contractor having a contract with the Owner unless it is apparent by the content of the usage that the Subcontractor reference is assumed to be a Subcontractor to a Contractor having a contract with the Owner.
2. This trade contractor shall protect all adjacent areas of work. Remove protection after completion of work of this bid package and repair all damaged areas as necessary and required.
3. This Trade Contractor shall make arrangements with the Construction Manager for any storage provisions prior to mobilization. Outside storage must be coordinated with Gilbane. All areas disturbed by the action of the Trade Contractor shall be returned to their original condition at no additional expense to the owner.
4. Electronic Data and Documentation Submittal (e-Doc): Trade Contractors shall provide construction documentation in electronic documentation to support the Owner's computerized asset, maintenance, or space management systems for: Equipment tagging, Updated as-built drawings, Submittal of Construction Documents, Asset Data, etc. Updated monthly and all submittals shall be completed prior to substantial completion. Refer to Manual 1 for more information on e-Doc.
5. Should the Plans or Specifications disagree in themselves or with each other, the Trade Contractor shall provide the better quality or greater quantity of work and/or materials unless otherwise directed by written addendum to the contract.
6. Each Trade Contractor is required to provide and maintain covers for any openings/ penetrations resulting from their scope of work until permanent installation is complete.
7. This bid package is phased construction and occupancy and will require additional mobilizations. Addition (Mod B) will be finished first and turned over to the owner for occupancy. The renovation of the existing building (Mod A) will be done in the second phase. Review included milestone dates/schedule and include in the base bid appropriate number of mobilizations as required to complete the work.
8. This Trade Contractor shall review all means of building access and make provisions to ensure that equipment provided by this Bid Package will fit through permanent doorways and/or structure.
9. This Trade Contractor is cautioned that its work will control the schedule of some of the work of other Trade Contractors. The schedule for this package is not an independent activity that can be completed

early without concurrence from other effected Trade Contractors. This provision shall be considered as a part of the cost of this Bid Package.

10. Each Trade Contractor shall field verify all existing conditions as required prior to commencing of work and shall make whatever modifications necessary to facilitate the installation of new work. Trade Contractor shall immediately notify the construction manager in writing of his findings, especially upon finding unsatisfactory conditions that may affect his work and the quality of the work of others.
11. Where the General Requirements or the Technical Specifications indicate that the Trade Contractor will be "directed by" or "as indicated or designated by" the Architect all such directions, indications and/or designations etc., shall be through the Construction Manager. All work performed by a Trade Contractor as directed by or as indicated or designated by the Owner, its consultants or the Architect which has not been communicated to the Trade Contractor through the Construction Manager shall not be an added cost to the Trade Contractor's contract with Gilbane and may be subject to rework at the expense of the offending Trade Contractor or Trade Contractors.
12. All debris and materials demolished by this Trade Contractor shall be removed from the project site daily. Stockpiling of debris on the site will not be permitted. Dumpsters for the completion of this work shall be provided by the General Trades contractor. Please note for this project, Gilbane has adopted a policy to reduce the amount of construction waste being sent to landfills by 75%. To that end, the successful General Trades contractor will be required to provide documentation indicating that at least 75% of the entire construction waste shipped from this project has been recycled. This trade contractor will be required to comply with Gilbane's construction waste management plan which is included in the front ends.
13. Site Benchmarks will be provided by the owner (3). Each Trade Contractor is responsible for their own layout utilizing these benchmarks only.
14. Use of Elevator in the existing building is prohibited for use by any Trade Contractor.
15. Provide a "long lead" item listing for the following, but not limited to: equipment and materials, which are required for early order to meet the project schedule. Provide this as a separate document on company letterhead and include within two weeks of receiving the contract from Gilbane.
16. There will be limited storage and field office areas available on site. These areas may be available for short periods of time and office/storage locations will need to be relocated to accommodate construction activities. This Trade Contractor shall make arrangements with the Construction Manager for any office or storage provisions prior to mobilization. All site areas disturbed by the action of this Trade Contractor shall be returned to its original condition at no additional expense to the owner. Trade Contractor shall coordinate all staging and storage with the Construction Manager inclusive of but not limited to, trailers, tool sheds, storage areas, etc.
17. Securely cover and tie down all materials nightly or when high winds are forecast to prevent damage and wind-blown debris.
18. Coordinate with the Construction Manager the delivery, storage, crane pick points, and laydown areas for the material consistent with the Site Utilization Plans. All erection shall be from outside the building. No erection equipment such as cranes, derricks, etc. will be permitted within the building lines. Any access, erection, cribbing, pads, mats, ramps, etc. required for cranes, hoists, etc. shall be provided, maintained and removed by this Trade Contractor. This requirement will include all mats which may be required for equipment movement on-site under wet conditions or foul weather.

19. This Trade Contractor shall submit complete shop drawings for the Construction Manager and Architect's review prior to commencing work.
20. Any housekeeping pads incidental to this scope of work shall be included in the base bid.
21. All abatement of hazardous materials will be conducted by the owner. The Trade Contractor must notify the Construction Manager immediately about any suspect material.
22. The Trade Contractor's Project Manager shall be responsible to maintain an accurate record of deviation and changes in the work and reasons there of. The Construction Manager and Architect may elect to review the status of these documents on a monthly basis. Failure on the part of the Trade Contractor to maintain the As-Built Documents will be cause to reject the Trade Contractor's monthly payment request in part or in total until the condition is corrected and the record documents are updated to reflect site conditions.
23. Trade Contractor shall immediately notify the Construction Manager in writing of his findings, especially upon finding unsatisfactory conditions that may affect his work and the quality of the work of others.
24. The campus is an extremely busy site. Traffic patterns can be very congested at times and parking lots can fill up quickly. Extreme caution should be used at all times when entering and exiting the site.
25. Each Trade Contractor shall coordinate their work with the works of other trades and with the Construction Manager.
26. The Owner has employed a testing agency for this project. This Trade Contractor shall conform to all testing requirements as identified within the Contract Documents. The Trade Contractor shall provide 48 hour notice to the Construction Manager prior to date testing agency needs to be on site to perform tests.
27. In addition to the requirements for safety defined in the Conditions of Contract and the Construction Manager's Safety Plan, the Trade Contractor shall submit within two weeks of Notice to Proceed a detailed safety plan defining it's intentions and procedures to be used on the project to comply with all requirements of OSHA and Project Safety Program, including work rules, fall protection, hoisting procedures, protection of other trades and finished materials, etc.
28. This Trade Contractor must include all costs necessary to address the requirements of the Safety and Project Quality Plan included in the Project Manual.
29. This Trade Contractor is required to fill out a Gilbane daily report and turn in to Gilbane on a daily basis.
30. This Trade Contractor shall be responsible for their cleanup and debris removal. Dumpsters for the general use of all trades shall be provided by the General Trades Contractor.
31. This project shall pursue a LEED certification with the United States Green Buildings Council (USGBC); see specifications for requirements and responsibilities of subcontractors
32. Each Trade Contractor shall submit a CPM schedule utilizing Primavera Project Planner or SureTrack software within 30 days after notice to proceed. This schedule shall include all construction activities of the Trade Contractor and shall abide by all the requirements indicated in the bid documents pertaining to Critical Path Method Scheduling. Monthly updates of the schedule are required to be submitted along with the monthly Application for Payment.
33. The Trade Contractor shall be required to enter the RFI's, Daily Work Reports and Submittals using i-Build (requires Internet Explorer 7 or higher and active X. no other software is required). The Project

Manager and Superintendent will be required to attend a two (2) hour Computer training by Gilbane which will teach them how to use this program. Refer to Manual 1 for more information on i-Build.

The above listed items are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but are merely to highlight the major items of work.

SPECIFIC ITEMS TO BE EXCLUDED

The following specific item(s) of work contained in the above referenced documents are EXCLUDED from the work of this Bid Package (Contract):

1. Rain Water Collection System
2. Site Utilities

M. SPECIFICATIONS

The following Specifications, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract).

Specific Specification Sections

| <u>Number</u> | <u>Title</u> | <u>Date</u> |
|--------------------------------------------------------------|------------------------------------------------------|-------------|
| <u>DIVISION 00-GENERAL REQUIREMENTS:</u> | | |
| 002200 | Geotech Data | 9/20/10 |
| <u>DIVISION 01- PROJECT REQUIREMENTS:</u> | | |
| 010010 | LEED Compliance | 9/20/10 |
| 011000 | Summary | 9/20/10 |
| 013000 | Administrative Requirements | 9/20/10 |
| 013514 | LEED Requirements | 9/20/10 |
| 013514.01 | LEED-NC 2009 Credit Summary | 9/20/10 |
| 013515 | LEED Certification Procedures | 9/20/10 |
| 013516 | LEED Submittal Forms | 9/20/10 |
| 014000 | Quality Requirements | 9/20/10 |
| 015721 | Indoor Air Quality Controls | 9/20/10 |
| 015713 | Temporary Erosion and Sediment Control | 9/20/10 |
| 016000 | Product Requirements | 9/20/10 |
| 016116 | Volatile Organic Compound (VOC) Content Restrictions | 9/20/10 |
| 016116.01 | Accessory Material VOC Content Certification Form | 9/20/10 |
| 017000 | Execution and Closeout Requirements | 9/20/10 |
| 017800 | Closeout Submittals | 9/20/10 |
| 017820 | O&M Manuals | 9/20/10 |
| 018100 | General Commissioning Requirements | 9/20/10 |
| 018120 | Commissioning Submittals | 9/20/10 |
| 018140 | Commissioning Project Close Out | 9/20/10 |
| 018200 | O&M Training | 9/20/10 |
| <u>DIVISION 02 -EXISTING</u> | | |
| 024100 | Demolition | 9/20/10 |
| <u>DIVISION 03 -CONCRETE</u> | | |
| 031000 | Concrete Formwork | 9/20/10 |
| 032000 | Concrete Reinforcement | 9/20/10 |
| 033000 | Cast-In-Place Concrete | 9/20/10 |
| <u>DIVISION 06 – WOODS, PLASTICS AND COMPOSITES:</u> | | |
| 061000 | Rough Carpentry | 9/20/10 |
| <u>DIVISION 07 – THERMAL AND MOISTURE PROTECTION:</u> | | |
| 072100 | Thermal Insulation | 9/20/10 |

| | | |
|--------|----------------------------|---------|
| 072119 | Foamed in Place Insulation | 9/20/10 |
| 072500 | Weather Barriers | 9/20/10 |
| 079005 | Joint Sealers | 9/20/10 |

DIVISION 31 – EARTHWORK:

| | | |
|-----------|---------------------------------------|---------|
| 312300 | Foundation Excavation and Backfilling | 9/20/10 |
| 312323.43 | EPS Geofoam | 9/20/10 |

DIVISION 32 – EXTERIOR IMPROVEMENTS:

| | | |
|--------|------------------|---------|
| 321216 | Asphalt Paving | 9/20/10 |
| 321313 | Concrete Paving | 9/20/10 |
| 329200 | Turf and Grasses | 9/20/10 |

Related Specification Sections

| <u>Number</u> | <u>Title</u> | <u>Date</u> |
|---------------|--------------|-------------|
|---------------|--------------|-------------|

DIVISION 03 -CONCRETE

| | | |
|--------|-------------------|---------|
| 035400 | Cast Underlayment | 9/20/10 |
|--------|-------------------|---------|

DIVISION 04 -MASONRY

| | | |
|--------|--------------------------------|---------|
| 040511 | Masonry Mortaring and Grouting | 9/20/10 |
| 042000 | Unit Masonry | 9/20/10 |

DIVISION 05 –METALS

| | | |
|--------|---------------------------|---------|
| 051223 | Structural Steel | 9/20/10 |
| 052100 | Steel Joists | 9/20/10 |
| 053100 | Steel Deck | 9/20/10 |
| 054000 | Cold-Formed Metal Framing | 9/20/10 |
| 055000 | Metal Fabrications | 9/20/10 |
| 055100 | Metal Stairs | 9/20/10 |
| 055213 | Pipe and Tube Railings | 9/20/10 |

DIVISION 06 – WOODS, PLASTICS AND COMPOSITES:

| | | |
|--------|----------------------|---------|
| 062000 | Finish Carpentry | 9/20/10 |
| 064216 | Wood Veneer Paneling | 9/20/10 |

DIVISION 07 – THERMAL AND MOISTURE PROTECTION:

| | | |
|--------|-----------------------------------------|---------|
| 072400 | Exterior Insulation And Finish Systems | 9/20/10 |
| 074214 | Insulated Metal Wall Panels | 9/20/10 |
| 074264 | Metal Composite Material Wall Panels | 9/20/10 |
| 075300 | Single Ply Roofing – Fully Adhered EPDM | 9/20/10 |
| 076200 | Sheet Metal Flashing And Trim | 9/20/10 |
| 077200 | Roof Accessories | 9/20/10 |
| 078400 | Firestopping | 9/20/10 |
| 079513 | Expansion Joint Cover Assemblies | 9/20/10 |

DIVISION 08 – OPENINGS:

| | | |
|--------|-------------------------------|---------|
| 081113 | Hollow Metal Doors And Frames | 9/20/10 |
| 081116 | Aluminum Doors And Frames | 9/20/10 |
| 081416 | Flush Wood Doors | 9/20/10 |
| 083100 | Access Doors And Panels | 9/20/10 |
| 083323 | Overhead Coiling Doors | 9/20/10 |
| 084413 | Glazed Aluminum Curtain Walls | 9/20/10 |
| 087100 | Door Hardware | 9/20/10 |
| 088000 | Glazing | 9/20/10 |

DIVISION 09 – FINISHES:

| | | |
|--------|------------------------------|---------|
| 092116 | Gypsum Board Assemblies | 9/20/10 |
| 092216 | Non-Structural Metal Framing | 9/20/10 |
| 093000 | Tiling | 9/20/10 |
| 095100 | Acoustical Ceilings | 9/20/10 |
| 096500 | Resilient Flooring | 9/20/10 |

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|--------|---------------------------|---------|
| 096700 | Fluid-Applied Flooring | 9/20/10 |
| 096813 | Tile Carpeting | 9/20/10 |
| 097200 | Wall Coverings | 9/20/10 |
| 098311 | Acoustical Wall Systems | 9/20/10 |
| 099000 | Painting And Coating | 9/20/10 |
| 099600 | High-Performance Coatings | 9/20/10 |

DIVISION 10 – SPECIALTIES:

| | | |
|-----------|---------------------------------------|---------|
| 101101 | Visual Display Boards | 9/20/10 |
| 102113.13 | Metal Toilet Compartments | 9/20/10 |
| 102800 | Toilet, Bath, And Laundry Accessories | 9/20/10 |
| 104400 | Fire Protection Specialties | 9/20/10 |
| 105100 | Lockers | 9/20/10 |

DIVISION 11 – EQUIPMENT:

| | | |
|--------|-----------------------------|---------|
| 115313 | Laboratory Fume Hoods | 9/20/10 |
| 116210 | Laboratory Service Fixtures | 9/20/10 |
| 116220 | Laboratory Accessories | 9/20/10 |

DIVISION 12 – FURNISHINGS:

| | | |
|--------|-------------------------------|---------|
| 122216 | Drapery Track and Accessories | 9/20/10 |
| 123553 | Laboratory Casework | 9/20/10 |
| 123600 | Countertops | 9/20/10 |
| 124813 | Entrance Floor Mats | 9/20/10 |

DIVISION 21 – FIRE SUPPRESSION:

| | | |
|--------|---------------------------------------|---------|
| 210500 | Basic Fire Suppression Requirements | 9/20/10 |
| 210503 | Through Penetration Firestopping | 9/20/10 |
| 210529 | Fire Suppression Supports and Anchors | 9/20/10 |
| 210553 | Fire Suppression Identification | 9/20/10 |
| 211300 | Fire Protection Systems | 9/20/10 |

DIVISION 22 – PLUMBING:

| | | |
|--------|------------------------------------|---------|
| 220500 | Basic Plumbing Requirements | 9/20/10 |
| 220503 | Through Penetration Firestopping | 9/20/10 |
| 220505 | Plumbing Demolition for Remodeling | 9/20/10 |
| 220529 | Plumbing Supports and Anchors | 9/20/10 |
| 220548 | Vibration Isolation | 9/20/10 |
| 220553 | Plumbing Identification | 9/20/10 |
| 220719 | Plumbing Piping Insulation | 9/20/10 |
| 221000 | Plumbing Piping | 9/20/10 |
| 221030 | Plumbing Specialties | 9/20/10 |
| 221123 | Domestic Water Pumps | 9/20/10 |
| 223000 | Plumbing Equipment | 9/20/10 |
| 224000 | Plumbing Fixtures | 9/20/10 |

DIVISION 23 – HEATING, VENTILATING, AND AIR-CONDITIONING (HVAC):

| | | |
|--------|----------------------------------|---------|
| 230500 | Basic HVAC Requirements | 9/20/10 |
| 230503 | Through Penetration Firestopping | 9/20/10 |
| 230505 | HVAC Demolition for Remodeling | 9/20/10 |
| 230513 | Motors | 9/20/10 |
| 230529 | HVAC Supports and Anchors | 9/20/10 |
| 230548 | Vibration Isolation | 9/20/10 |
| 230553 | HVAC Identification | 9/20/10 |
| 230593 | Testing, Adjusting and Balancing | 9/20/10 |
| 230713 | Ductwork Insulation | 9/20/10 |
| 230716 | HVAC Equipment Insulation | 9/20/10 |
| 230719 | HVAC Piping Insulation | 9/20/10 |
| 230900 | Controls | 9/20/10 |
| 230913 | Instrumentation | 9/20/10 |

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| 231500 | Laboratory Utility Piping | 9/20/10 |
| 232100 | Hydronic Piping | 9/20/10 |
| 232123 | HVAC Pumps | 9/20/10 |
| 232500 | Chemical (Water) Treatment | 9/20/10 |
| 233100 | Ductwork | 9/20/10 |
| 233300 | Ductwork Accessories | 9/20/10 |
| 233416 | Centrifugal Fans | 9/20/10 |
| 233423 | Power Ventilators | 9/20/10 |
| 233600 | Air Terminal Units | 9/20/10 |
| 233700 | Air Inlets and Outlets | 9/20/10 |
| 234000 | Air Cleaning | 9/20/10 |
| 235100 | Breechings, Chimneys and Stacks | 9/20/10 |
| 235216 | Condensing Boilers | 9/20/10 |
| 237323 | Custom Air Handling Units | 9/20/10 |
| 238200 | Terminal Heat Transfer Units | 9/20/10 |
| 238216 | Air Coils | 9/20/10 |
| 239970 | Mechanical Systems Commissioning | 9/20/10 |

DIVISION 26 – ELECTRICAL:

| | | |
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| 260500 | Basic Electrical Requirements | 9/20/10 |
| 260503 | Through Penetration Firestopping | 9/20/10 |
| 260505 | Electrical Demolition for Remodeling | 9/20/10 |
| 260513 | Wire And Cable | 9/20/10 |
| 260515 | Medium Voltage Cable & Accessories | 9/20/10 |
| 260526 | Grounding and Bonding | 9/20/10 |
| 260527 | Supporting Devices | 9/20/10 |
| 260531 | Boxes | 9/20/10 |
| 260533 | Conduit | 9/20/10 |
| 260535 | Surface Raceways | 9/20/10 |
| 260553 | Electrical Identification | 9/20/10 |
| 260913 | Power Monitoring and Control | 9/20/10 |
| 260933 | Lighting Control Systems | 9/20/10 |
| 261200 | Distribution Transformers | 9/20/10 |
| 262200 | Dry Type Transformers | 9/20/10 |
| 262416 | Panelboards | 9/20/10 |
| 262419 | Motor Control | 9/20/10 |
| 262726 | Wiring Devices | 9/20/10 |
| 262816 | Disconnect Switches | 9/20/10 |
| 262923 | Variable Frequency Drives | 9/20/10 |
| 263600 | Transfer Switch | 9/20/10 |
| 264300 | Surge Protection Devices | 9/20/10 |
| 265100 | Lighting | 9/20/10 |
| 269970 | Electrical Systems Commissioning | 9/20/10 |

DIVISION 27 – COMMUNICATIONS:

| | | |
|--------|-------------------------------------------|---------|
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| 270505 | Technology Demolition for Remodeling | 9/20/10 |
| 270526 | Communications Grounding | 9/20/10 |
| 270528 | Interior Communication Pathways | 9/20/10 |
| 270553 | Identification and Administration | 9/20/10 |
| 271100 | Communication Equipment Rooms | 9/20/10 |
| 271300 | Backbone Cabling Requirements | 9/20/10 |
| 271500 | Horizontal Cabling Requirements | 9/20/10 |
| 271710 | Testing | 9/20/10 |
| 271720 | Support and Warranty | 9/20/10 |
| 274100 | Professional Audio/Video System | 9/20/10 |

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| 275313 | Central Clock System | 9/20/10 |
| <u>DIVISION 28 – ELECTRONIC SAFETY AND SECURITY:</u> | | |
| 281300 | Electronic Access Control | 9/20/10 |
| 283100 | Fire Alarm and Detection Systems | 9/20/10 |
| <u>DIVISION 33 – UTILITIES:</u> | | |
| 331100 | Water Utility Distribution Piping | 9/20/10 |
| 333100 | Sanitary Utility Sewerage Piping | 9/20/10 |
| 334100 | Storm Utility Drainage Piping | 9/20/10 |
| 334913 | Storm Drainage Inlets and Manholes, Frames and Covers | 9/20/10 |

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| <u>CIVIL DRAWING LIST</u> | | |
| C-1.02 | Existing Conditions | 9/20/10 |
| C-1.03 | Existing Conditions | 9/20/10 |
| C-2.02 | Site Demolition Plan | 9/20/10 |
| C-3.02 | Site Utility Plan | 9/20/10 |
| C-3.11 | Site Grading Plan | 9/20/10 |
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| S-101-A | Existing Foundation Plan - Module A | 9/20/10 |
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| S-102-A | Existing Second Floor Framing Plan - Module A | 9/20/10 |
| S-102-B | Second Floor Framing Plan - Module B | 9/20/10 |
| S-103-A | Existing Roof Framing Plan - Module A | 9/20/10 |
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| S-201 | Foundation Details | 9/20/10 |
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| S-400 | Joist Load Diagrams | 9/20/10 |
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| A-001 | Code Information and Abbreviation Legend | 9/20/10 |
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| A-101 | Overall First Floor Plan | 9/20/10 |
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| A-203 | Building Elevations | 9/20/10 |
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| MD-102A | Second Floor Plan - Mod A - Mechanical Demolition | 09/20/10 |
| MD-200A | Underfloor Plan - Mod A - Lab Utility Piping Demolition | 09/20/10 |
| MD-201A | First Floor Plan - Mod A - Lab Utility Piping Demolition | 09/20/10 |
| MD-202A | Second Floor Plan - Mod A - Lab Utility Piping Demolition | 09/20/10 |
| M-100 | Mechanical Site Plan | 09/20/10 |
| M-100B | Underfloor Plan - Mod B - Ventilation | 09/20/10 |
| M-101A | First Floor Plan - Mod A - Ventilation | 09/20/10 |
| M-101B | First Floor Plan - Mod B - Ventilation | 09/20/10 |
| M-102A | Second Floor Plan - Mod A - Ventilation | 09/20/10 |
| M-102B | Second Floor Plan - Mod B - Ventilation | 09/20/10 |
| M-103 | Penthouse Plan - Ventilation | 09/20/10 |
| M-104 | Roof Plan - Ventilation | 09/20/10 |
| M-201A | First Floor Plan - Mod A - Heating | 09/20/10 |
| M-201B | First Floor Plan - Mod B - Heating | 09/20/10 |
| M-202A | Second Floor Plan - Mod A - Heating | 09/20/10 |
| M-202B | Second Floor Plan - Mod B - Heating | 09/20/10 |

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|--------|---------------------------------------------------|----------|
| M-203 | Penthouse Plan - Heating | 09/20/10 |
| M-301A | First Floor Plan - Mod A - Lab Utility Piping | 09/20/10 |
| M-301B | First Floor Plan - Mod B - Lab Utility Piping | 09/20/10 |
| M-302A | Second Floor Plan - Mod A - Lab Utility Piping | 09/20/10 |
| M-302B | Second Floor Plan - Mod B - Lab Utility Piping | 09/20/10 |
| M-303 | Roof Plan and Penthouse Plan - Lab Utility Piping | 09/20/10 |
| M-400 | Campus Chilled Water Schematic Diagram | 09/20/10 |
| M-401 | Heating Water Schematic Diagram | 09/20/10 |
| M-402 | Cooling Water Schematic Diagram | 09/20/10 |
| M-403 | Mechanical Control Diagrams | 09/20/10 |
| M-404 | Mechanical Control Diagrams | 09/20/10 |
| M-405 | Mechanical Control Diagrams | 09/20/10 |
| M-406 | Mechanical Sections | 09/20/10 |
| M-500 | Mechanical Details | 09/20/10 |
| M-501 | Mechanical Details | 09/20/10 |
| M-502 | Mechanical Details | 09/20/10 |
| M-600 | Mechanical Schedules | 09/20/10 |
| M-601 | Mechanical Schedules | 09/20/10 |
| M-602 | Mechanical Schedules | 09/20/10 |

ELECTRICAL DRAWING LIST

| | | |
|---------|-------------------------------------------------|----------|
| ED-100 | Electrical Demolition Site Plan | 09/20/10 |
| ED-101A | First Floor Plan - Mod A - Lighting Demolition | 09/20/10 |
| ED-102A | Second Floor Plan - Mod A - Lighting Demolition | 09/20/10 |
| ED-201A | First Floor Plan - Mod A - Power Demolition | 09/20/10 |
| ED-202A | Second Floor Plan - Mod A - Power Demolition | 09/20/10 |
| ED-301A | First Floor Plan - Mod A - Systems Demolition | 09/20/10 |
| ED-302A | Second Floor Plan - Mod A - Systems Demolition | 09/20/10 |
| E-000 | Electrical Cover Sheet | 09/20/10 |
| E-100 | Electrical Site Plan | 09/20/10 |
| E-101A | First Floor Plan - Mod A – Lighting | 09/20/10 |
| E-101B | First Floor Plan - Mod B – Lighting | 09/20/10 |
| E-102A | Second Floor Plan - Mod A - Lighting | 09/20/10 |
| E-102B | Second Floor Plan - Mod B – Lighting | 09/20/10 |
| E-103 | Penthouse Plan – Lighting | 09/20/10 |
| E-201A | First Floor Plan - Mod A – Power | 09/20/10 |
| E-201B | First Floor Plan - Mod B – Power | 09/20/10 |
| E-202A | Second Floor Plan - Mod A – Power | 09/20/10 |
| E-202B | Second Floor Plan - Mod B – Power | 09/20/10 |
| E-203 | Penthouse Plan – Power | 09/20/10 |
| E-301A | First Floor Plan - Mod A - Systems | 09/20/10 |
| E-301B | First Floor Plan - Mod B – Systems | 09/20/10 |
| E-302A | Second Floor Plan - Mod A – Systems | 09/20/10 |
| E-302B | Second Floor Plan - Mod B – Systems | 09/20/10 |
| E-303 | Penthouse Plan – Systems | 09/20/10 |
| E-400 | Enlarged Plan – Electrical | 09/20/10 |
| E-401 | Enlarged Plan – Electrical | 09/20/10 |
| E-410 | Medium Voltage One Line Diagram – Electrical | 09/20/10 |
| E-411 | One Line Diagram – Electrical | 09/20/10 |
| E-412 | One Line Diagram – Electrical | 09/20/10 |
| E-413 | One Line Diagram – Electrical | 09/20/10 |
| E-414 | Emergency One Line Diagram – Electrical | 09/20/10 |
| E-500 | Details – Electrical | 09/20/10 |
| E-501 | Details – Electrical | 09/20/10 |
| E-502 | Details – Electrical | 09/20/10 |

| | | |
|-------|--------------------------|----------|
| E-503 | Details – Electrical | 09/20/10 |
| E-600 | Electrical Material List | 09/20/10 |
| E-700 | Electrical Schedules | 09/20/10 |
| E-701 | Electrical Schedules | 09/20/10 |
| E-702 | Electrical Schedules | 09/20/10 |

TELECOMMUNICATIONS DRAWING LIST

| | | |
|---------|---------------------------------------------------|----------|
| TD-101A | First Floor Plan - Mod A - Technology Demolition | 09/20/10 |
| TD-102A | Second Floor Plan - Mod A - Technology Demolition | 09/20/10 |
| T-000 | Technology Cover Sheet | 09/20/10 |
| T-100 | Technology Site Plan | 09/20/10 |
| T-101A | First Floor Plan - Mod A – Technology | 09/20/10 |
| T-101B | First Floor Plan - Mod B – Technology | 09/20/10 |
| T-102A | Second Floor Plan - Mod A – Technology | 09/20/10 |
| T-102B | Second Floor Plan - Mod B – Technology | 09/20/10 |
| T-103 | Penthouse Plan – Technology | 09/20/10 |
| T-300 | Enlarged Plans – Technology | 09/20/10 |
| T-400 | Risers and Details – Technology | 09/20/10 |
| T-401 | Risers and Details – Technology | 09/20/10 |
| T-500 | Technology Material List | 09/20/10 |

O. SIGNATURE

By executing this Bid Proposal, the undersigned represents that he is duly authorized on behalf of his/her company to submit this Proposal Form, agrees to the terms and conditions contained in the General Instructions to Bidders, and if awarded the contract, will perform in accordance with the terms and conditions of this Proposal Form and the documents which have been incorporated by reference herein. The undersigned represents that these Proposals are made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is completing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

Bidder: _____
(LEGAL SIGNATURE)

(TYPE/PRINT NAME)

Firm: _____

Address: _____

City, State, Zip: _____

Business Phone No.: () _____

Business Fax No.: () _____

Email Address: _____

This bidder is a (an): _____
Individual, Partnership, Corporation

The full names, address and telephone numbers of all persons interested in the Proposal, as principals are as follows:

NOTE: This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of the Corporation.

Bid Security Enclosed: 10% of base bid total (In Favor of Joliet Junior College).

Bid Bond _____ Cashier's Check _____ Certified Check _____

CERTIFICATE OF BIDDER ELIGIBILITY

720 ILCS 5/33E-11 requires that all contractors bidding for public agencies in the State of Illinois certify that they are not barred from bidding on public contracts for bid rigging or bid rotation.

The following certification must be signed and submitted with bidder's bid proposal. **FAILURE TO DO SO MAY RESULT IN DISQUALIFICATION OF THE BIDDER.**

_____, as part of its bid for _____

certifies that said contractor is not barred from bidding on the aforementioned contract as a result of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

Firm Name: _____

By: _____
Authorized Agent of Contractor

Title

SUBSCRIBED AND SWORN TO before me
this _____ day of _____, 2010.

NOTARY PUBLIC

EXECUTE AND ATTACH TO PROPOSAL FORM

[Contractors With 25 or More Employees]

**CERTIFICATE OF COMPLIANCE WITH
ILLINOIS DRUG-FREE WORKPLACE ACT**

_____, having 25 or more employees, does hereby certify pursuant to Section 3 of the *Illinois Drug-Free Workplace Act* (30 ILCS 580/3) that [he, she, it] shall provide a drug-free workplace for all employees engaged in the performance of work under the contract by complying with the requirements of the *Illinois Drug-Free Workplace Act* and, further certifies, that [he, she, it] is not ineligible for award of this contract by reason of debarment for a violation of the *Illinois Drug-Free Workplace Act*.

By Authorized Agent

Date

SUBSCRIBED AND SWORN TO before me
this _____ day of _____, 2010.

NOTARY PUBLIC

EXECUTE AND ATTACH TO PROPOSAL FORM

NON-COLLUSION AFFIDAVIT

AFFIDAVIT: "I (we) hereby certify and affirm that my (our) proposal was prepared independently for this project and that it contains no fees or amounts other than for legitimate execution of this work as specified and that it includes no understanding or agreements in restraint of trade."

Name of Bidder: _____
Date: _____

(If an individual)
Signature of Bidder: _____

Business Address: _____

(Seal)

(If a Partnership)
Firm Name: _____

Business Address of all partners of the Firm:

(Seal)

(If a Corporation)
Name of Officers:
President: _____
Secretary: _____
Treasurer: _____
Attest: _____
Secretary

(Seal)

EXECUTE AND ATTACH TO PROPOSAL FORM

**CERTIFICATE REGARDING
SEXUAL HARASSMENT POLICY**

_____ [contractor], does hereby certify pursuant to Section 2-105 of the *Illinois Human Rights Act* (775 ILCS 5/2-105) that [he, she, it] has a written sexual harassment policy that includes, at a minimum, the following information: (i) the illegality of sexual harassment; (ii) the definition of sexual harassment under State law; (iii) a description of sexual harassment utilizing examples; (iv) an internal complaint process including penalties; (v) the legal recourse, investigative and complaint process available through the Department of Human Rights and Human Rights Commission; (vi) directions on how to contact the Department of Human Rights and Human Rights Commission; and (vii) protection against retaliation.

By: _____
Authorized Agent of Contractor

Title

SUBSCRIBED AND SWORN TO before me
this _____ day of _____, 2010.

NOTARY PUBLIC

EXECUTE AND ATTACH TO PROPOSAL FORM

CERTIFICATE REGARDING HUMAN RIGHTS ACT

Any company or organization to be awarded a contract for goods and/or services must be in compliance with the **Human Rights Act** and all rules and regulations thereunder. Our company has an Equal Employment Opportunity and Affirmative Action Program which complies with Executive Order 11246, the Vietnam Era Veterans' Readjustment Assistance Act of 1974 and the Rehabilitation Act of 1973.

YES _____ NO _____

CERTIFICATE REGARDING THE PREVAILING WAGE ACT

Our company certifies that it is eligible for bidding on public contracts, and has complied with section 11a of the Prevailing Wage Act, 820 ILCS 130/0.01-12(2000), and has not disregarded their obligations to employees under the Prevailing Wage Act on two (2) separate occasions, and that they, or any firm, corporation, partnership or association in which such contractors or subcontractors have an interest, are not prohibited from being awarded any contract or subcontract for a public works project. In addition, Joliet Junior College is requesting all Bidders/Awarded Trade Contractors to employ labor from a recognized apprenticeship training program as a condition of award.

YES _____ NO _____

CERTIFICATE REGARDING VALID BUSINESS LICENSE

Our company is eligible to do business in the State of Illinois and have submitted as part of this bid a valid business license and the Federal Employer Tax Identification Number (FEIN) or Social Security Number for individuals. Further, if applicable, our company will employ apprentices who are properly indentured into a Joint Apprenticeship Training Program which is registered and certified with the United States Department of Labor, Bureau of Apprenticeship and Training.

YES _____ NO _____

FEIN Number _____

By: _____
Authorized Agent of Contractor

Title

SUBSCRIBED AND SWORN TO before me
this _____ day of _____, 2010.

NOTARY PUBLIC

EXECUTE AND ATTACH TO PROPOSAL FORM

BIDDER INFORMATION FORM

Bidder Information Form is to be submitted with each Bid Form.

- 1) Total Bonding Capacity: \$ _____
Single Project Bonding Capacity: \$ _____
Work Currently Bonded: \$ _____
- 2) Work now under contract: \$ _____
Work in place last year: \$ _____
Average annual sales last 3 years: \$ _____
- 3) Current Experience Modification Rating (EMR): _____
- 4) Has firm ever failed to complete a contract: _____
- 5) Submit two (2) Owner or Architect/Engineer References:
 - a. Name: _____
Telephone Number: _____
 - b. Name: _____
Telephone Number: _____
- 6) Contractor Qualifications:
 - a. The Owner may require from any Bidder, prior to award of the contract, a detailed statement regarding the business organization, years in service, and the technical organization and plant of the Bidder that is available for the work contemplated.
 - b. The competency and responsibility of the bidders and of their proposed Subcontractors may be considered in making awards.

By _____

Authorized Agent of Contractor

Title

SUBSCRIBED AND SWORN TO before me
this _____ day of _____, 2010.

NOTARY PUBLIC

EXECUTE AND ATTACH TO BID FORM