



JOLIET JUNIOR COLLEGE

1901

(Business & Auxiliary Services)
1215 Houbolt Road
Joliet, Illinois 60431-8938

INSTRUCTIONS TO BIDDERS

Sealed proposals are invited for **NATURAL AREAS MAINTENANCE** pursuant to specifications.

PROPOSALS:

Proposals will be received and publicly read aloud by the Joliet Junior College District #525, Joliet, Will County, Illinois, at the place, date and time hereinafter designated. You are invited to be present if you so desire.

PLACE: Joliet Junior College District #525
Office of Facility Services
L-BUILDING Room #L1005
1215 Houbolt Road
Joliet, IL 60431-8938

DATE: **APRIL 19, 2018**

FAXES ARE NOT ACCEPTABLE

TIME: **10:00 AM**

Proposals received after this time will not be accepted.

Proposals must be made in accordance with the instructions contained herein. They shall be submitted on the forms provided on the College's website in a sealed envelope addressed to the Director of Business & Auxiliary Services, L-Building Room L1005, plainly marked, with the Bidder's Name and Address and the notation:

BID: **NATURAL AREAS MAINTENANCE**

PRE-BID MEETING:

A mandatory pre-bid meeting will be held on **APRIL 10, 2018 at 10:00AM**. The meeting will be at the Main Campus, L Building, Room L1005, 1215 Houbolt Road, Joliet, IL. Bidders who do not attend the mandatory pre-bid meeting will have their bid returned unopened.

DELIVERY:

All prices must be quoted F.O.B., Joliet Junior College, 1215 Houbolt Road, Joliet, IL 60431 unless otherwise noted.

TAX EXEMPTION:

Joliet Junior College District #525 is exempt from Federal, State, and Municipal taxes.

SIGNATURE ON BIDS:

Joliet Junior College District #525 requires the signature on bid documents to be that of an authorized representative of said company.

Each bidder, by making his bid, represents that he has read and understands the bidding documents and that these instructions to bidders are a part of the specifications.

BIDDING PROCEDURES:

1. No bid shall be modified, withdrawn, or cancelled for sixty (60) days after the bid opening date without the consent of the College Board of Trustees.
2. Changes or corrections may be made in the bid documents after they have been issued and before bids are received. In such case, a written addendum describing the change or correction will be issued by the College to all bidders of record. Such addendum shall take precedence over that portion of the documents concerned, and shall become part of the bid documents. Except in unusual cases, addendum will be issued to reach the bidders at least five (5) days prior to date established for receipt of bids.
3. Each bidder shall carefully examine all bid documents and all addenda thereto, and shall thoroughly familiarize themselves with the detailed requirements thereof prior to submitting a proposal. Should a bidder find discrepancies or ambiguities in, or omissions from documents, or should they be in doubt as to their meaning, they shall, at once, and in any event, not later than ten (10) days prior to bid due date, notify the College who will, if necessary, send written addendum to all bidders. The college will not be responsible for any oral instructions. All inquiries shall be directed to the Director of Business & Auxiliary Services. After bids are received, no allowance will be made for oversight by bidder.

SUBSTITUTIONS:

1. Each bidder represents that his bid is based upon the materials and equipment described in the bidding documents.
2. Any dealer bidding an equal product must specify brand name, model number, and supply specifications of product. The Board shall be the sole judge of whether an article shall be deemed to be equal.
3. A bidder's failure to meet the minimum specifications as listed may result in disqualification of his bid.

REJECTION OF BIDS:

The bidder acknowledges the right of the College Board to reject any or all proposals and to waive informality or irregularity in any proposal received and to award each item to different bidders or all items to a single bidder. In addition, the bidder recognizes the right of the College Board to reject a proposal if the proposal is in any way incomplete or irregular. The College Board may also award, at its discretion, only certain items quoted on. The College Board also reserves the right to reject the proposal of a Bidder who has previously failed to perform properly or complete on time contracts of a similar nature or a bid of a Bidder when investigation shows that Bidder is not in a position to perform the contract.

ACKNOWLEDGEMENT OF ADDENDA:

Signature of company official on original document shall be construed as acknowledgement of receipt of any and all addenda pertaining to this specific proposal. Identification by number of addenda and date issued should be noted on all proposals submitted.

FAILURE TO ACKNOWLEDGE RECEIPT OF ADDENDA ON PROPOSAL SUBMITTED MAY RESULT IN DISQUALIFICATION OF PROPOSAL.

Bidders who obtain a copy of the bid from our web site are responsible for checking back on the site for any addenda issued.

CLERICAL ERRORS:

If applicable, all errors in price extensions will be corrected by Joliet Junior College and totals for award determination corrected accordingly, unless the bidder specifies that no change be made in the total submitted. In this case, all incorrect price extensions will be noted at "lot", and award determination made on the basis of total price submitted.

SAMPLES:

Bidder may be required to furnish samples upon request and without charge to the College.

BID SECURITY:

A certified check or bank draft or bid bond, made payable to Joliet Junior College District #525, Will County, Illinois, **MUST** be submitted with the bid in the amount of **ten (10) percent of your total bid**. The bid security will be forfeited by the successful bidder in the event of the bidders failure to enter into a contract. Checks or drafts of unsuccessful bidders will be returned as soon as practicable after opening and checking the bids.

PAYMENTS:

Certified Payroll

1. With each pay application, contractors shall submit certified payroll in a format acceptable to Junior College District #525.

Partial Lien Waivers

1. The contractors' partial lien waiver, for the full amount of the payment, shall accompany the first payment application. Each subsequent payment application shall be accompanied by the contractor's partial waiver, and by partial waivers from all subcontractors and suppliers who were included in the immediately preceding payment application, to the extent of that payment.
2. Lien waivers from the Contractor and all subcontractors and suppliers shall accompany the first payment application when the amount of payment exceeds 50 percent of the total contract sum.

Final Lien Waivers: The contractor's request for final payment shall include:

1. The contractor's final lien waiver in the full amount of the contract.
2. Final lien waivers in the full amount of their contracts from all subcontractors and suppliers for which final lien waivers have not previously been submitted.

INSURANCE:

The successful bidder will be required to furnish a certificate of insurance in the following amounts:

The insurance coverage required here-in-under shall be the minimum amounts maintained by the Contractor and Subcontractors until all Work is completed and accepted by the Owner.

The Contractor will purchase and maintain “all risks” Builder’s Risk property insurance, where applicable, subject only to such exclusions as have been specifically approved by the Owner in writing.

A. Workers Compensation

1. State: Statutory
2. Applicable Federal: Statutory
3. Employer’s Liability:
 - a. \$1,000,000 per Accident
 - b. \$1,000,000 Occupational Disease

B. Commercial Comprehensive Liability

1. Each Occurrence: \$1,000,000
2. Products/Completed Operations Aggregate: \$2,000,000
3. Personal/Advertising Injury: \$1,000,000
4. General Aggregate: \$2,000,000
5. Policy shall include: \$2,000,000
 - a. Premises: Operations
 - b. Independent Contractors Liability
 - c. Products and Completed Operations: Maintained for minimum of one year after date of final Certificate for Payment, in full amount of the limits specified above.
 - d. Contractual Liability
 - e. Coverage for explosion (x), collapse (c), and underground (u).
6. The Commercial Comprehensive Liability policy shall include a contractual liability endorsement insuring the indemnity required by the contract. The indemnities shall be named as additional insured on the Contractor’s Commercial Comprehensive Liability policy using Form CG 20 10 or its equivalent and shall name Joliet Junior College, its Board of Trustees, officers, employees and agents as additional named insured’s at a minimum. The Contractor hereby agrees to effectuate the naming of such additional insured’s as unrestricted additional insured’s on the Contractor’s policy. The additional insured endorsement shall provide the following:
 - a. That the coverage afforded the additional insurance will be primary/non-contributory insurance for the additional insurance with respect to claims arising out of operations performed by or on behalf of the Contractor.
 - b. That the policy shall contain a thirty (30) day notice of cancellation prior to the effective date thereof.
 - c. That the additional insureds have other insurance which is applicable to the loss, such other insurance will be on an excess or contingent basis.
 - d. That the amount of the company’s liability under the insurance policy will not be reduced by the existence of such other insurance.
 - e. That the additional insureds will not be given less than thirty (30) days prior written notice of any cancellation thereof.

- f. That the Contractor agrees to indemnify the College for any applicable deductibles.
- g. That the insurance policy from an A.M. Best rated “secured” Illinois State licensed insurer.
- h. The Contractor shall provide the College with a copy of its insurance policy or in the alternative and subject to the College’s agreement, an excerpt of a page from the actual policy evidencing the additional insureds as provided for herein.
- i. Contactor acknowledges that failure to obtain such insurance on behalf of the College constitutes a material breach of the contract and subjects Contractor to liability for damages, indemnification and all other legal remedies available to College. The Contractor is to provide the College at all times with a certificate of insurance, evidencing the above requirements have been met. The failure of the College to object to the contents of the certificate or the absence of it shall not be deemed a waiver of any and all rights held by the College.
- j. That enclosed is a copy of the endorsement providing additional insured’s status and that the Contractor will furnish a Certificate of insurance evidencing the foregoing provisions.
- k. Please include clause below in the policy:
It is agreed that Joliet Junior College, its Board of Trustees, officers, employees, agents and (Architect/Engineer Name) are additional insureds on the policy.

C. Business Auto Liability (including owned, non-owned and hired vehicles).

- 1. Bodily injury
 - a. \$1,000,000 per person
 - b. \$2,000,000 per accident
- 2. Property damage: \$1,000,000 OR
- 3. Combined Single limit: \$1,000,000

D. Umbrella

- 1. Umbrella Excess Liability: \$4,000,000
- 2. If the Contractor’s Workers Compensation, Commercial General Liability and Business Auto policies do not have these minimum limits, an Umbrella policy written by an insurance company acceptable to the Owner may be used to meet the minimum limits required.
- 3. Follow-form or Primary/Non-Contributory (PNC) status and Waiver of Subrogation (WOS) for Joliet Junior College

All such policies of insurance shall be written by companies approved by the College and Certificates of Insurance shall be furnished to the College. The College shall be listed as an additional named insured under such policies. Each policy shall require at least 30 days’ notice to the College in the event of cancellation. The contractor agrees to indemnify, defend, and hold harmless the College from and against all suits or claims, which may be based upon any injury to or death of any person or persons or damage to property, which may occur or which may be alleged to have occurred in the course of the performance of this Agreement by the Contractor, whether such sum claim shall be made by an employee of the Contractor, by a third person or their representatives, or whether or not it

shall be claimed that the said injury, death, or damage or cause through a negligence act or omission of the Contractor; and the all charges of attorneys and all costs and other expenses arising there from or incurred in connection therewith; and if any judgment shall be rendered against the College in any such action or actions, the Contractor, at its own expense, shall satisfy and discharge the same.

PERFORMANCE BONDS:

The successful bidder on this proposal must furnish a performance bond and a labor and material payment bond made out to Junior College District #525, prepared on an approved form, as security for the faithful performance of their contract, within ten (10) days of their notification that their bid has been accepted. The surety thereon must be such surety company or companies as are authorized and licensed to transact business in the State of Illinois and have an A-XIV best rating. Attorneys in fact who sign bid bonds must file with each bond a certified copy of their power of attorney to sign said bonds. The performance bond is an amount equal to one hundred and ten percent (110%) of the contract sum. Such bonds shall be in force from the date of signing of the contract until one year after issuing of final certificate of payment. The cost of the bonds shall be included in the bidder's proposal.

LAWS AND ORDINANCES:

In execution of the work, the Contractor shall comply with applicable state and local laws, ordinances and regulation, the rules and regulations of the Board of Fire Underwriters, and OSHA standards.

SEX OFFENDER REGISTRATION REQUIREMENT NOTIFICATION:

Illinois Compiled Statutes (730 ILCS 150/2) requires that any person who is required by law to register as a sex offender and who is either a student or an employee at an institution of higher education, must also register with the police department of the institution they are employed by or attending. For purposes of this act, a student or employee is defined as anyone working at or attending the institution for a period of five (5) days or an aggregate period of more than thirty (30) days during a calendar year. This includes persons operating as or employed by an outside contractor at the institution. Anyone meeting the above requirements is required to register at the Campus Police Department located in G1013, within five (5) days of enrolling or becoming employed. Persons failing to register are subject to criminal prosecution.

DAMAGE AND NEGLIGENCE:

The Contractor agrees to indemnify and save harmless the College and employees from and against all loss, including costs and attorney's fees, by reasons or liability imposed by law upon the College for damages because of bodily injury, including death at any time resulting therefrom, sustained by any person or persons or on account of damage to property including loss of use thereof as provided in the General Conditions and Supplementary Conditions.

College shall not be responsible for damages, delays, or failure to perform on its part resulting from acts or occurrences of force majeure. "Force majeure" means any (a) act of God, landslide, lightning, earthquake, hurricane, tornado, blizzard, floods and other adverse and inclement weather conditions; (b) fire, explosion, flood, acts of a public enemy, war, blockade, insurrection, riot or civil disturbance; (c) labor dispute, strike, work slow down, picketing, primary boycotts, secondary boycotts or boycotts of any kind and nature, or work stoppages; (d) any law, order, regulation ordinance, or requirement of any government or legal body or any representative of any such government or legal body; (e) inability to secure necessary materials, equipment, parts or other

components of the project as a result of transportation difficulties, fuel or energy shortages, or acts or omission of any common carriers; or (f) any other similar cause or similar event beyond the reasonable control of College.

INVESTIGATION OF BIDDERS:

The College will make any necessary investigation to determine the ability of the bidder to fulfill the proposal requirements. Joliet Junior College reserves the right to reject any proposal if it is determined that the bidder is not properly qualified to carry out the obligation of the contract.

APPRENTICESHIP AND TRAINING PROGRAMS: NOT REQUIRED

SUBCONTRACTORS:

Bidders must state on the proposal form all subcontractors he intends to use for this project. Failure to do so may be cause for rejection of bid.

PREVAILING WAGE RATE:

The successful bidder must pay not less than the prevailing hourly wage rate determined by the Illinois Department of Labor for the county where the contract is executed and the craft or type of worker needed to execute the contract. See the prevailing wage scale attached.

If, during the course of work under this contract, the Department of Labor revises the prevailing rate hourly wages to be paid under this contract for any trade or occupation, Owner, will notify Contractor and each Subcontractor of the changes in the prevailing rate of hourly wages. Contractor shall have the sole responsibility and duty to ensure that the revised prevailing rate of hourly wages is paid by contractor and all Subcontractors to each worker to whom a revised rate is applicable. Revisions to the prevailing wage as set forth above shall not result in an increase in the Contract Sum.

In compliance with the Office of the Attorney General the following is also required of all bidders:

Payment of Prevailing Wage:

- The Act requires that all laborers, workers and mechanics employed by or on behalf of a public body in the construction of public works be paid the general prevailing rate of hourly wages (including allotments for training and approved apprenticeship programs, health and welfare, insurance, vacation and pension benefits) for work of a similar character in the locality in which the work is performed. See 820 ILCS 103/3. The Act contains all relevant definitions, including those for the terms “public body”, “public works” and “general prevailing rate of hourly wages”, which will assist you in the understanding its requirements and your responsibilities. See 820 ILCS 130/2.
- The Illinois Department of Labor publishes the current prevailing wage rate. See <http://www.state.il.us/agency/idol/rates/rates.htm>. The rate is revised regularly and such revision takes effect immediately.

Specifications and Contractual Language:

- Public bodies must insert a provision or stipulation requiring the payment of the prevailing wage rate into every public works resolution or ordinance, call for bids, project specification and contract. See 820 ILCS 130/4(a).
- Contractors and subcontractors must insert a provision or stipulation regarding the payment of the prevailing wage rate into every public works project and bid specification, subcontract, and contractor’s bond. See 820 ILCS 130/4(b), (c).
- Contractors or construction managers who have been awarded public works contracts must

post the relevant prevailing wage rate(s) at a location on the project site that is easily accessible by workers. See 820 ILCS 130/4(f).

Record-Keeping Responsibilities:

- All contractors and subcontractors must create and keep for at least three years, records of all laborers, mechanics, and other workers employed by them on a public works project. See 820 ILCS 130/5(a) (1).
- These records must include each worker's name, address, telephone number (if available), social security number, classification(s), hourly wages paid in each pay period, number of hours worked each day, and the starting and ending times of each work day. Each contractor and subcontractor is required to make these records available for inspection by the public body's agents or Illinois Department of Labor officials at a reasonable time and place upon seven business days notice. See 820 ILCS 130/5(a) (1), (b).

Certified Payroll Records:

- A contractor or subcontractor participating in a public works project must also submit a Certified Payroll the public body every month. This Certified Payroll must consist of a complete copy of the records required to be kept under Section 5(a)(1) of the Act, discussed above (with the exception of daily work starting and ending times). See 820 ILCS 130/5(a)(2).
- The monthly Certified Payroll shall also include a statement signed by the contractor or subcontractor submitting that: (1) the records are true and accurate; (2) the hourly rate paid to each worker is not less than the general prevailing wage rate required; and (3) the contractor or subcontractor is aware that filing a Certified Payroll that he or she knows to be false is a class B misdemeanor. See 820 ILCS 130/5(a)(2).
- The Act requires that a public body shall keep all Certified Payrolls submitted pursuant to the Act for at least three years. See 820 ILCS 130/5(a)(2). The retention of these monthly Certified Payroll submissions for three years by public bodies is crucial to the State of Illinois' efforts to enforce the Act and will be of particular interest to the Attorney General's office in the coming months.

Failure to comply with the Act's Requirements:

- No public works project may be instituted unless the provisions of the Act have been met. The Illinois Department of Labor is empowered to sue for injunctive relief against the awarding of any public works contract, or continuation of work under any such contract, if it is not in compliance with the Act's prerequisites. Contracts that are not in compliance with the Act's prerequisites are void as against public policy. See 820 ILCS 103/11.

Please note that this is not a complete list of all relevant requirements and prerequisites under the Act. All contractors and subcontractors rendering services under this contract must comply with all requirements of the Act, including but not limited to, all wage, notice and record keeping duties. For a full understanding of all of the Act's requirements and prerequisites, as well as the text of the Act and all related regulations, please see the Illinois Department of Labor's website at www.state.il.us/agency/idol/laws/Law130.htm.

BLACKOUT PERIOD:

After the College has advertised for bids, no pre-bid vendor shall contact any College officer(s) or employee(s) involved in the solicitation process, except for interpretation of bid specifications, clarification of bid submission requirements or any information pertaining to pre-bid conferences. Such bidders or sub-bidders making such request shall be made in writing at least seven (7) days

prior to the date for receipt of bids. No vendor shall visit or contact any College officers or employees until after the bids are awarded, except in those instances when site inspection is a prerequisite for the submission of a bid. During the black-out period, any such visitation, solicitation or sales call by any representative of a prospective vendor in violation of this provision may cause the disqualification of such bidder's response.

OTHER:

This contract is subject to and governed by the rules and regulations of the Illinois Human Rights Act. The Customer reserves the right to request additional information after your proposal has been submitted.

BID QUANTITIES:

The College Board will reserve the right to increase or decrease, within reasonable limits, such quantities as need requires and at the unit price stated.

BID AWARDS:

The successful contractor, and/or any contractor shall not proceed on this bid until it receives a purchase order from the college. Failure to comply is the risk of that contractor.

TERMINATION OF FUNDING:

JJC's contractual obligations will be subject to termination and cancellation without penalty, accelerated payment, or other recoupment mechanism as provided herein in any fiscal year for which the Illinois General Assembly or other legally applicable funding source fails to make an appropriation to make payments under the terms of this Contract. In the event of termination for lack of appropriation, the Vendor shall be paid for services performed under this Contract up to the effective date of termination. JJC shall give notice of such termination for funding as soon as practicable after JJC becomes aware of the failure of funding.

CHANGES TO CONTRACT AFTER BID AWARD:

There shall be no deviations from any work without a written change order. All change orders must be approved by the Director of Business & Auxiliary Services or Vice President of Administrative Services as well as executed by the successful contractor.

If a change order or aggregate of change orders are 10% or more of the contract price, and such change orders are not approved, in writing, by either the Director of Business & Auxiliary Services or Vice President of Administrative Services, the successful contractor shall not be entitled to any type of compensation for services or materials provided.

GENERAL:

Joliet Junior College is committed to a policy of non-discrimination on the basis of sex, handicap, race, color, and national or ethnic origin in the admission, employment, educational programs, and activities it operates. Inquiries should be addressed to the Director of Human Resources.

The contractor (or vendor) shall agree to save and hold harmless the Joliet Junior College District #525, the members of its College Board, its agents, servants and employees, from any and all actions or causes of action, or claim for damages, including the expense of defending suit, arising or growing out of the performance of, or failure to perform its contract.



Janice Reedus
Director of Business & Auxiliary Services

JOLIET JUNIOR COLLEGE
ILLINOIS COMMUNITY COLLEGE DISTRICT #525
(Business & Auxiliary Services)
1215 Houbolt Road
Joliet, Illinois 60431-8938
Telephone: (815) 280-6640
Fax: (815) 280-6631

INFORMATION PERTAINING TO OUR BIDS CAN BE FOUND AT THE FOLLOWING WEBSITE:
<http://www.jjc.edu/info/purchasing>

QUESTIONS PERTAINING TO OUR BIDS CAN BE EMAILED TO:
purchasing@jjc.edu

Joliet Junior College Natural Areas Restoration Maintenance Fiscal Years 2019 – 2021

SPECIFICATIONS

Project Identification and Location

This project is located at Joliet Junior College, Joliet, Illinois. The project entails providing all materials, labor and equipment necessary to manage, maintain and enhance various natural areas restoration zones located within the Joliet Junior College Central Campus, as identified in the drawings and specifications that make up this project's contract documents.

The landscape restoration zones encompass approximately 89 acres of campus property. Most of these areas were cleared of Buckthorn and other invasives in years 2009/2010, and seeded in prairie, woodland and savanna seed mixes in 2011. Native trees and shrubs were planted in year 2011 at various locations. In 2017 additional areas west of the asphalt path were cleared by the Natural Areas Committee volunteers (Zone J on the map).

Contractors will be responsible for mowing, weed-whipping, herbiciding, and burning in ways and frequencies that will best promote the establishment objectives of the restoration areas. The basic objective is to manage herbacious and woody invasives in the various zones.

Multi-Year Contract with Option for Renewal

Bidders shall present a bid covering lump sum prices for three fiscal years starting July 1, 2018 and ending June 30, 2021. Bidders shall present lump sum prices for items/tasks being bid for each fiscal year as noted. Prices for all three fiscal year tasks will be summed for the final bid amount. The final bid amount for all three fiscal years will be used, along with qualifications to determine the successful bidder. Successful bidder shall complete work for Fiscal Year 2019, and depending on performance, shall have the contract renewed for the succeeding Fiscal Year, and then renewed again for the third Fiscal Year, upon mutual acceptance, to full contract completion on **June 30, 2021**.

Drawings and Schedules

Work shall be completed in accordance with the Contract Documents. Following this page are relevant specification sections followed by a map and spreadsheet summarizing the College's restoration zones,

SECTION 1

GENERAL CONDITIONS

1.0 GENERAL

1.1 PROJECT OVERVIEW

This work shall consist of mowing, burning, cutting, herbiciding, weeding and other activities as necessary to achieve natural area restoration objectives. Restoration maintenance shall consist of furnishing all labor, materials, tools, and equipment necessary to complete the work associated with the areas indicated on the drawings.

The project will begin July 1 of 2018 and continue, upon mutual agreement, to June 30, 2021. Work will begin with invasive species control consisting of mowing, pulling, and herbicide treatment as required to complete objectives. This will include herbaceous and woody materials.

Prescribed burns will begin in the fall of 2018 for various zones, and continue through spring of 2021. Seeding of select areas may follow burns. Type, extent and location of seeding will be as directed by the Owner.

1.2 PROJECT ZONES

Work as described above shall be conducted within various zones described below and illustrated on the attached map at the end of this section.

1. Zone A: Existing Savanna/Woodland

Approximate Acreage: 4 acres

Existing savanna/woodland prairie established by JJC Natural Areas Committee south of the campus lake. Mow/herbicide several times per season to keep weeds to 6"-8" height, and eliminate weed seed. Invasive species that have formed seeds shall be treated, cut and removed off premises. Conduct periodic controlled burn.

2. Zone B: Lake Edge Woodland Slope

Approximate Acreage: 1 acre

Area cleared of Buckthorn and other vegetation and seeded with woodland seed mix in the fall of 2010. Small area continues west of the causeway bridge. Tree and shrub masses were planted in various locations. Conduct spot mows and apply herbicide several times per season to keep weeds to 6"-8" height, and eliminate weed seed. Conduct periodic controlled burn.

3. Zone C: Infiltration Basin/Prairie

Approximate Acreage: 2 acre

Area recently constructed as an infiltration basin and seeded with prairie/wet prairie seed mixes in the fall of 2010. Tree and shrub masses were planted in various locations. A small, existing bluegrass area was slit-seeded with low-profile prairie seed near the building. Conduct spot mows and apply herbicide several times per season to keep weeds to 6"-8" height, and eliminate weed seed. Conduct periodic controlled burn.

4. Zone D1, D2, D3: Woodlands

Approximate Acreage: 20.5 acres

Large area recently cleared of Buckthorn and other vegetation and seeded with woodland seed mixes in the fall of 2010. Similar treatment was applied to the wooded slopes adjacent to the stream located north of the campus ring road (Zones D2 and D3). Tree and shrub masses were planted in various locations. Conduct spot mows and apply herbicide several times per season to keep weeds to 6"-8" height, and eliminate weed seed. Herbicide, cut and remove small woody shrubs (notably honeysuckle and buckthorn). Conduct periodic controlled burn.

5. Zone E: Savanna/Prairie**Approximate Acreage: 3.5 acres**

Area cleared of Buckthorn and other vegetation and seeded with savanna-prairie seed mixes in the fall of 2010. Narrow finger extends around campus facilities to the lake. Tree and shrub masses were planted in various locations. Conduct spot mows and apply herbicide several times per season to keep weeds to 6"-8" height, and eliminate weed seed. Conduct periodic controlled burn.

6. Zone F: Woodland**Approximate Acreage: 4.5 acres**

Existing woodland area selectively cleared of Buckthorn and other vegetation and seeded with woodland seed mix in the fall of 2010. Tree and shrub masses were planted in various locations. Conduct spot mows and apply herbicide several times per season to keep weeds to 6"-8" height, and eliminate weed seed. Some infestation of Garlic Mustard noted here.

7. Zone G1, G2: Savanna/Prairie**Approximate Acreage: 34 acres**

Areas cleared of Buckthorn and other vegetation and seeded with savanna-prairie seed mixes in the fall of 2010. Smaller section is located east of the creek (G2). Tree and shrub masses were planted in various locations. Conduct spot mows and apply herbicide several times per season to keep weeds to 6"-8" height, and eliminate weed seed. Conduct periodic controlled burn.

8. Zones H: Established Prairie/Fen**Approximate Acreage: 5 acres**

Existing tall grass prairie established by JJC Natural Areas Committee. Mow/herbicide several times per season to keep weeds to 6"-8" height, and eliminate weed seed. Conduct periodic controlled burn. Existing fen located in low-lying zone with stream running through it contains several quality native species. Mow/herbicide several times per season to keep weeds to 6"-8" height, and eliminate weed seed. Conduct periodic controlled burn.

9. Zone I: Stream Channel**Approximate Acreage: 1 acres**

The well-defined stream channel located north of the campus north loop road has not been treated in the past. It contains a number of quality native species, but is dominated by Reed Canary Grass. Conduct selective herbiciding and controlled burns to knock back and control the Reed Canary Grass and other invasive species.

10. Zone J: West Buffer Area**Approximate Acreage: 7 acres**

An area located west of the asphalt bike trail was recently cleared of woody invasive species. Conduct spot mows and apply herbicide several times per season to control invasives. Conduct a controlled burn in the fall of 2018 followed with seeding of woodland seed mix. After, continue to treat as needed to control invasive species.

11. Zone K: Bioswale Area**Approximate Acreage: 6 acres**

JJC constructed an infiltration basin and series of bioswales in 2011 to intercept off-site and adjacent agricultural runoff. The runoff is filtered through the bioswales and basin before entering into the rest of the campus and the campus lake. Conduct spot mows and apply herbicide several times per season to control invasive species. This includes periodic treatment of cattails and phragmites within the bioswales, and Canada thistle outbreaks that buffer the cropland. Conduct periodic controlled burn.

1.3 DIMENSIONS/AREAS ON PLANS

Zone boundaries shown on aerial maps are approximate. Figures and zones shown on plan are to be followed without regard to scaled measurement from plans. Questions concerning boundaries, or other site conditions should be brought to the Owner's attention for a final decision or interpretation.

1.4 STAGING AND SETUP

Contractor shall meet with Owner to establish procedures for staging and setup of material and equipment for work.

1.5 QUALIFICATIONS

The contractor's project manager shall have a minimum of three years experience working with natural areas and in tasks similar in scope as noted for this contract, including prescribed burns, and demonstrate knowledge of native plant identification. The project manager shall be on site during all work. All project staff shall have a minimum of one year experience working in natural areas. The contractor shall provide at least three references that can confirm these requirements are satisfied. Only bidders that have met these qualifications will be considered.

1.6 INSPECTION AND ACCEPTANCE

Upon completion of tasks for a zone or zones, and before invoicing, contractor shall notify the College and the College's Representative that given zones are complete. Upon notification the College's Representative will conduct an inspection of the zone to confirm that stated performance standards have or have not been met. If timely notification is not given by the contractor when zones are completed, payment may be delayed or withheld.

1.7 REPORTING

At the end of each calendar season the contractor shall submit a year-end report detailing what activities were completed for each zone, herbicide products used for each zone including amounts and what % formulas were applied, and any issues and recommendations. Additionally, submitted invoices shall be accompanied with a brief summary of activities conducted for each zone, including amount and types of herbicide used. Note that invoice processing may be delayed if summary reports are not included.

1.8 CLEAN UP

At the end of the work day, contractor shall store materials and equipment where directed and in a safe manner. Keep surrounding areas clean of debris and dirt/mud and generally in an orderly condition.

END OF SECTION 1

SECTION 2

INVASIVE SPECIES CONTROL

1.0 GENERAL

1.1 DESCRIPTION

This work shall consist of providing, and properly applying select herbicide to target weeds, in conjunction with other treatment methods, including mowing, weeding and removal as may be necessary to achieve natural area restoration objectives. Restoration maintenance shall consist of furnishing all labor, materials, tools, and equipment necessary to complete the work associated with the areas indicated on the drawings.

1.2 BASIS OF PAYMENT

Invasive species control shall be paid for on a per acre basis as bid in the proposal under the item Spot herbicide/selective mow - herbaceous/woody material. The price shall include all material, equipment, and labor necessary to satisfactorily complete the work.

1.3 METHOD OF MEASUREMENT

This work will be measured for payment after treatment through ground truth inspection by the College's Representative to assess that performance standards have been met.

1.4 SUBMITTALS

- A. Annual monitoring/maintenance summary report per Section 5.
- B. Periodic maintenance summary reports submitted with invoice.
- C. Herbicide License and herbicide products with % formulas to use.
- D. Herbicide application data form, summarizing herbicide use submitted at end of each treatment year.

2.0 MATERIALS

2.1 HERBICIDE

Herbicides listed below (or an equivalent approved in writing) shall be utilized per manufacturer's recommendations.

2.2 MOWING EQUIPMENT

- A. Large-scale mowing equipment for conducting high mows of select areas.
- B. Weed-whip equipment for conducting spot mowing of select areas.

3.0 EXECUTION

3.1 APPLICATION

Herbicide shall be applied by a State Licensed Operator or Applicator with familiarity and experience conducting weed eradication within native planting communities. Selective and non-selective herbicides shall be applied as necessary to eradicate invasive vegetation. Applications from broad spraying and hand wicking may be used and necessary with certain areas. Care should be taken in applying non-selective herbicides. Herbicide shall be dispensed with a visible dye in order to determine areas covered, and the minimum percentages to adequately and safely complete the work.

3.2 MOWING/REMOVING MATERIAL

As required, areas to be mowed shall be mowed to a height of 6-8 inches throughout the growing season, with the objective of keeping weeds from going to seed. Mowing, shall include tractor-

mounted mowers, and weed whipping. Mowing shall occur prior to or when invasive species are flowering so as to prevent seed set. Extensive areas of thatch shall be removed off-premise if it is so dense as to smother seed growth beneath, or if the mown material has seed heads that could mature and germinate. Hand pulling may be utilized to remove small woody and herbaceous plant material.

3.3 TREATMENT SPECIFICATIONS

All identified invasive species shall be treated and removed, as necessary, to prevent seed formation.

A. ANNUAL/BIENNIAL WEEDS

Annual and biennial weeds can be problematic in areas. Some biennial weeds that may appear include:

Burdock	<i>Arctium minus</i>
Spotted Knapweed	<i>Centaurea maculosa</i>
Musk Thistle	<i>Carduus nutans</i>
Bull Thistle	<i>Cirsium vulgare</i>
Queen Anne's Lace	<i>Daucus carota</i>
White Sweet Clover	<i>Melilotus alba</i>
Yellow Sweet Clover	<i>Melilotus officinale</i>
Wild Parsnip	<i>Pastinaca sativa</i>

These and other non-native, invasive species identified during the course of activity shall be treated as follows or as typical for the species:

- 1). April - June
Contractor shall mow or hand pull plants at the time of peak flowering but before seed set has commenced. Contractor may foliar treat plants by applying a 0.5% Transline solution (41% Clopyralid active ingredient or equivalent herbicide approved for use in natural areas) during spring and early summer. Herbicide solution must include an adjuvant (Liberate or equivalent) and a dye marker to indicate where spray has been applied.
- 2). September - October
Contractor may foliar treat plants by applying a 0.5% Transline solution (41% Clopyralid active ingredient or equivalent herbicide approved for use in natural areas) during late fall when plants remain green after native vegetation has senesced.
- 3). Performance Standards
Contractor is required to kill (causing brown-out) or remove 90% of identified species within treatment areas (visible three weeks post-application). Additionally, no species shall be allowed to go to seed, either because they were killed or flowering heads removed. The College's Representative will conduct a site inspection once notified by the Contractor to visually estimate amount of brown-out, no later than mid-July for spring/summer applications, and no later than mid-November for fall applications.

B. GARLIC MUSTARD (*Alliaria petiolate*)

- 1). January - May
Contractor shall foliar treat plants within the specified treatment areas by applying a 1.5% Triclopyr solution (41% Garlon 3a) or other herbicide proven to be effective. Herbicide solution shall include an adjuvant (Liberate or equivalent) and a dye marker to indicate where spray has been applied. Contractor shall avoid drift onto desirable native vegetation. Treatment applications are to be made when ambient temperatures are above 40° F and during dry conditions at least 6 hours form time of application.

2). June 1 - June 25

For all bolting adult plants that were missed during the initial herbicide treatment, contractor shall remove them within the specified areas using the following procedures: (1) in areas of medium to large monocultures (> 75 plants in 3 sq. ft), contractor shall either weed whip or base clip; (2) In areas with heavy infestation (25 to 100 plants in 3 sq. ft.), in close proximity to non-target plants, contractor shall only remove plants by base clipping. All plants cut or weed whipped shall be bagged and removed from the site.

3). Performance Standards

Contractor is required to kill (causing brown-out) a minimum of 90% of garlic mustard within treatment areas (visible three weeks post-application). Additionally, no garlic mustard shall be allowed to go to seed, either because they were killed or flowering heads removed. The College's Representative will conduct a site inspection once notified by the Contractor (end of June) to visually estimate amount of brown-out. Any flowering plants found untreated will require treatment prior to payment.

C. COMMON REED (*Phragmites australis*), REED CANARY GRASS (*Phalaris arundinacea*) and OTHER NON-NATIVE COOL SEASON GRASSES

1). March - April

Contractor shall foliar treat Common Reed, Reed Canary Grass and other non-native cool season grasses by applying herbicide during early spring (March-April), when non-native grass is green but surrounding native vegetation is dormant. Contractor shall apply a 1.5% Rodeo solution (active ingredient 53.8% glyphosate) or approved equivalent. Herbicide solution must include an adjuvant (Liberate or equivalent) and a dye marker to indicate where spray has been applied.

2). October - November

Contractor shall foliar treat Common Reed, Reed Canary Grass and other non-native cool season grasses by applying herbicide during fall (October-November) when non-native grass is green but surrounding native vegetation is dormant. Contractor shall apply a 1.5% Rodeo solution (active ingredient 53.8% glyphosate) or approved equivalent. Herbicide solution must include an adjuvant (Liberate or equivalent) and a dye marker to indicate where spray has been applied.

3). Performance Standards

Contractor is required to kill (causing brown-out) or remove 90% of identified species within treatment areas (visible three weeks post-application). The College's Representative will conduct a site inspection once notified by the Contractor to visually estimate amount of brown-out, no later than mid-May for spring applications, and no later than mid-December for fall applications.

D. CANADA/BULL THISTLES (*Cirsium arvense/vulgare*)

1). April - June

Contractor shall foliar treat plants by applying a 0.5% Transline solution (41% Clopyralid active ingredient or equivalent herbicide approved for use in natural areas) during spring and early summer prior to flowering. Herbicide solution must include an adjuvant (Liberate or equivalent) and a dye marker to indicate where spray has been applied. Selectively cut in early bud stage. Plants cut 8 days or more after flowers have opened shall be removed from the premises.

- 2). July - October
Contractor shall continue cutting and foliar treat plants by applying a 0.5% Transline solution (41% Clopyralid active ingredient or equivalent herbicide approved for use in natural areas) in the fall when the plants have young leaves.
- 3). Performance Standards of Canada/Bull Thistles
Contractor is required to kill (causing brown-out) or remove 90% of identified species within treatment areas (visible three weeks post-application). Additionally, no species shall be allowed to go to seed. Flowering heads shall be removed. The College's Representative will conduct a site inspection within three weeks of application or once notified by the Contractor to visually estimate amount of brown-out, no later than mid-July for spring/summer applications, and no later than mid-November for fall applications.

E. CUT-LEAVED/COMMON TEASEL (*Dipsacus laciniatus/sylvestris*)

- 1). May - September
Contractor shall cut teasel stems flush with the ground (or mow if areas of large monocultures are encountered) and apply a 0.5% Transline solution (41% Clopyralid active ingredient or equivalent herbicide approved for use in natural areas) to the remaining rosette, prior to seed set. Herbicide solution must include an adjuvant (Liberate or equivalent) and a dye marker to indicate where spray has been applied.
- 2). October - June
Contractor shall foliar treat teasel rosettes by applying a 1.5% Glyphosate solution (Round-up or equivalent) or a 1.5% Triclopyr solution (Garlon 3A, or equivalent). Herbicides shall be applied during the fall season and into the spring season only when the ambient temperatures are above 40°F, and before flowering occurs. Herbicide solution must include an adjuvant (Liberate or equivalent) and a dye marker to indicate where spray has been applied.
- 3). Performance Standards of Teasels
Contractor is required to kill (causing brown-out) or remove 90% of identified species within treatment areas (visible three weeks post-application). Additionally, no teasels shall be allowed to go to seed, either because they were killed or flowering heads removed. The College's Representative will conduct a site inspection once notified by the Contractor to visually estimate amount of brown-out, no later than mid-October for cut/sprayed material, and no later than mid-July for herbicide only control.

F. CROWN VETCH (*Coronilla varia*)

- 1). April - June
Contractor shall foliar treat plants by applying a 0.5% Transline solution (41% Clopyralid active ingredient or equivalent herbicide approved for use in natural areas) during spring and early summer prior to flowering. Herbicide solution must include an adjuvant (Liberate or equivalent) and a dye marker to indicate where spray has been applied.
- 2). September - October
Contractor shall foliar treat plants by applying a 0.5% Transline solution (41% Clopyralid active ingredient or equivalent herbicide approved for use in natural areas) in the fall when the plants have young leaves.
- 3). Performance Standards of Crown Vetch
Contractor is required to kill (causing brown-out) or remove 90% of identified species within treatment areas (visible three weeks post-application). Additionally, no species shall be allowed to go to seed. Care shall be taken to remove flowering heads, even

after plant has been sprayed. The College's Representative will conduct a site inspection within three weeks of application or once notified by the Contractor to visually estimate amount of brown-out, no later than mid-July for spring/summer applications, and no later than mid-November for fall applications.

G. NON-NATIVE SHRUBS AND TREE RESPROUTS

Non-native shrubs and tree sprouts include:

Bush Honeysuckles	<i>Lonicera spp.</i>
Multiflora Rose	<i>Rosa multiflora</i>
Japanese Barberry	<i>Berberis thunbergii</i>
Common Buckthorn	<i>Rhamnus cathartica</i>

- 1). Foliar Treatment (small shrubs, tree resprouts, less than 3 ft. high)
During the growing season, the Contractor shall treat young shrubs and resprouts using foliar treatment application of 5% Triclopyr solution (Garlon 3A, Tahoe 3A, or Element 3A, or equivalent herbicide) to foliage, avoiding non-target species. For bush honeysuckle, a 1.5% Glyphosate (Round up or equivalent) shall be applied to foliage, avoiding non-target species. Herbicide solution must include an adjuvant (Liberate or equivalent) and a dye marker to indicate where spray has been applied. At times, it may be necessary to cut or pull small shrubs.
- 2). Performance Standards of Non-native Shrubs and Tree Resprouts
Contractor is required to kill (causing necrosis) a minimum of 90% of identified species within treatment areas (visible three weeks post-application). The College's Representative will conduct a site inspection once notified by the Contractor to visually estimate amount of brown-out, during the growing season.

END SECTION 2

SECTION 3

RESTORATION INTER-SEEDING

1.0 GENERAL

1.1 DESCRIPTION

Restoration inter-seeding shall consist of furnishing all labor, materials, tools, and equipment necessary to broadcast seed over areas as directed by the College. Inter-seeding may occur in specific locations after prescribed burns and an assessment for the need for seeding.

1.2 BASIS OF PAYMENT

Restoration inter-seeding shall be paid for on a per acre basis under the item Native Seeding as bid in the proposal. Payment shall be made upon satisfactory completion of inter-seeding upon review of areas by the College's Representative.

Seedbed preparation activities such as fine grading and disking will not be paid for separately, but shall be considered as incidental to the contract unit price per acre. Fertilizer applied with cool season fescue seed mixes shall be considered incidental to the "per acre" cost of the seed mix.

1.3 INCORPORATED SPECIFICATIONS

The following specifications are incorporated into this document:

"Standard Specifications for Road and Bridge Construction" – Latest Edition – Illinois Department of Transportation
Section 250 and 1080 – Seeding

Contractor shall adhere to the above specifications unless applicable items of work or materials are modified herein.

1.4 SITE CONDITIONS

Significant areas designated for restoration have shallow soils due to bedrock. No topsoil is planned to be imported for this project.

1.5 QUALIFICATIONS

- A. The restoration contractor shall have a minimum of five (5) years experience in restoration clearing, inter-seeding, maintenance and management and a minimum of three (3) projects of a size and scope similar to this project.
- B. Nurseries supplying seeds and plants shall specialize in growing and cultivating native and wetland plant material and have a minimum of five years documented experience.

1.6 SUBMITTALS

- A. Qualifications of nursery(s) and contractors/installers.
- B. Seed and plant certification as appropriate.
- C. Seed/plant list (final list of available material) and nursery of origin.
- D. Maintenance Program (at completion of project inter-seeding).

1.7 DELIVERY, STORAGE AND HANDLING

Materials shall be stored in areas designated by the Owner. Soil conditioners, fertilizers, amendments shall be delivered, stored and handled per manufacturer's recommendations. Fertilizers and herbicides shall not be stored with other landscape materials.

2.0 MATERIALS

2.1 SEED

Contractor shall provide various seed mixes as described in the attached seed lists as to be directed at a later time.

RESTORATION SEED LISTS

Mesic-To- Dry Prairie		
Scientific Name	Common Name	PLS Seed (lb./acre)
Andropogon gerardi	Big bluestem	1.0 lb.
Andropogon scoparius	Little bluestem	2.0 lb.
Sorghastrum nutans	Indian grass	0.5 lb.
Bouteloua curtipendula	Side oats grass	1.0 lb.
Sporobolus heterolepis	Prairie dropseed grass	2.0 lb.
Panicum virgatum	Prairie switch grass	0.5 lb.
Elymus canadensis	Canada Wild Rye	2.0 lb.
Carex bicknellii	Copper shouldered oval sedge	0.06 lb.
Liatris aspera	Rough blazing star	0.25 lb.
Petalostemum purpureum	Purple prairie clover	0.25 lb.
Amorpha canescens	Lead plant	0.25 lb.
Monarda fistulosa	Wild bergamot	0.13 lb.
Anemone cylindrica	Thimbleweed	0.06 lb.
Carex spp.	Prairie Sedge Mix	0.25 lb.
Rudbeckia subtomentosa	Sweet Black-eyed Susan	0.25 lb.
Asclepias tuberosa	Orange butterfly weed	0.06 lb.
Dodecatheon meadia	Shooting star	0.06 lb.
Parthenium integrifolium	Wild Quinine	0.06 lb.
Zizia aurea	Golden alexander	0.06 lb.

Savanna / Prairie		
Scientific Name	Common Name	PLS Seed (lb./acre)
Bouteloua curtipendula	Side oats grass	1.0 lb.
Koeleria macrantha	June grass	0.1 lb.
Panicum virgatum	Prairie switchgrass	0.5 lb.
Andropogon scoparius	Little bluestem	2.0 lb.
Elymus virginicus	Virginia wild rye	1.5 lb.
Elymus hystrix	Bottlebrush grass	1.0 lb.
Bromus pubescens	Woodland brome	0.5 lb.
Elymus canadensis	Canada wild rye	2.0 lb.
Liatris pycnostachya	Prairie blazing star/gayfeather	0.25 lb.
Dodecatheon meadia	Shooting star	0.06 lb.
Parthenium integrifolium	Wild Quinine	0.06 lb.
Zizia aurea	Golden Alexander	0.06 lb.
Carex spp.	Prairie sedges	0.25 lb.
Solidago spp.	Goldenrod mix	0.12 lb.

Wet Prairie		
Scientific Name	Common Name	PLS Seed (lb./acre)
Calamagrostis Canadensis	Blue joint grass	1.0 lb.
Leersia oryzoides	Rice cut grass	1.0 lb.
Panicum virgatum	Switch grass	0.25 lb.
Spartina pectinata	Prairie cord grass	0.25 lb.
Carex vulpinoidea	Brown fox sedge	0.25 lb.
Carex scoparia	Lance-fruited oval sedge	0.13 lb.
Liatris spicata	Spiked blazing star	0.25 lb.
Veronicastrum virginicum	Culvers root	0.13 lb.
Eupatorium perfoliatum	Boneset	0.06 lb.
Iris virginica	Blue flag iris	0.50 lb.

Woodland Seed Mix		
Scientific Name	Common Name	PLS Seed (lb./acre)
Elymus Hystrix	Bottlebrush grass	1.0 lb.
Festuca obtuse	Woodland fescue	0.5 lb.
Elymus villosus	Silky wild rye	0.5 lb.
Bromus pubescens	Woodland brome	0.5 lb.
Aster sagittifolius	Heart leaved aster	0.1 lb.
Cinna arundinacea	Wood reed	1.0 lb.
Elymus virginicus	Virginia wild rye	3.5 lb.
Glyceria striata	Fowl manna grass	1.0 lb.
Solidago ulmifolia	Elm leaved goldenrod	0.1 lb.
Carex pennsylvanica	Woodland sedge	0.06 lb.
Heliopsis helianthoides	False sunflower	0.18 lb.

Transition Seed Mix (seed rate - 5 lbs/1,000 sf)		
Scientific Name	Common Name	PLS Seed (lb./acre)
Festuca spp.	Celestial Creeping Red Fescue	25%
Festuca spp.	Bornito Sheeps Fescue	25%
Festuca spp.	Jamestown IV Chewings Fescue	25%
Festuca spp.	Firefly Hard Fescue	25%
	Annual/Perennial Forb Mix	4.0 lb.

Note: all seed mixes to be seeded with a cover crop of Common Oats (22 lbs/acre) and Annual Rye (6 lbs/acre), unless noted otherwise.

2.2 SEED QUALITY

- A. Restoration seed species shall be of local genotype from a radius of 250 miles from the project site.
- B. At least 30 days prior to the time of inter-seeding and planting, the contractor shall provide for the Owner's approval a written description of the proposed plant species, planting rate, and source of all plants to be installed. Information provided shall include:
 - 1) Name and location of seed/plant supplier,
 - 2) Origin and date of harvest of each of the species,
 - 3) Seed purity testing and the date of testing,
 - 4) Estimated number of seeds per pound of each kind of the seeds to be furnished.

- C. All seeds shall have proper stratification or scarification to break seed dormancy. All legumes shall be scarified and inoculated with the proper rhizobia. Inoculum shall be applied within 30 days of planting.
- D. All seeds shall be delivered and stored in sealed containers bearing legible labels that analyze the seed mixture. Seed that has become wet, moldy or otherwise damaged in transit or storage shall not be accepted. Damaged packages shall not be accepted.
- E. All seed shall be tested for purity and germination and sold and delivered on a pure live seed (pls) basis, quantity of which is adjusted based on pls results.

2.3 SEED EQUIPMENT

Equipment shall meet the requirements of the following IDOT Standard Specification Articles of Section 1100 - Equipment, for Broadcast Inter-seeding and Rangeland Type Drill Inter-seeding.

2.4 MULCH

Grain, weed-free straw mulch, if used, shall be applied at a rate of 1.5 tons of air-dry material to the seeded areas immediately following inter-seeding. Mulch shall be applied by any method approved by the Owner's Representative that results in uniform application on the soil surface. Mulch shall be watered thoroughly after application. Erosion control blankets shall be applied on all slopes 4h:1v or steeper.

2.5 EROSION CONTROL BLANKET

Erosion control mulch blanket shall be applied to the lake edge slope as indicated on the drawings and on slopes 4h:1v or steeper as directed by the Owner. Erosion control mulch blanket shall be Futerra F4 netless, natural color, or approved equal.

2.6 FERTILIZER

Fertilizer shall be commercial grade, free flowing, uniform in composition, and shall conform to applicable state and federal regulations. Granular fertilizer shall contain a minimum by weight, of 12% nitrogen (of which 50% shall be organic), 12% phosphorus, and 12% potassium (12-12-12). Fertilizer shall be applied to the cool season fescue plant communities. Prairie and wetland plant communities generally do not require fertilization. Fertilizer shall be applied at a rate of 400 lbs. per acre during or immediately after the seed is sown.

2.7 ADDITIONAL STRUCTURES

At the discretion of the Owner, the contractor shall install wildlife control fencing as directed. Fencing shall consist of galvanized wire mesh, 5 feet high, with u-channel posts set approximately on 6 foot centers.

3.0 EXECUTION

3.1 SITE PREPARATION

Prior to inter-seeding, sites shall be cleared and herbicided, mowed and/or burned as indicated in the project schedule, or as agreed during project coordination and the contractor's work plan. Areas shall be raked to expose bare soil. Cool season fescue seed areas shall receive an application of fertilizer prior to inter-seeding. Fertilizer shall be spread and disked into the soil to a depth of three to four inches.

3.2 INTER-SEEDING SCHEDULE AND RATES

Inter-seeding times may vary depending on project schedule and the different community types indicated on the plans. Recommended planting/inter-seeding dates are:

- | | | |
|----|------------------------|--|
| 1) | Dormant Inter-seeding: | October 30 th - December 31 st |
| 2) | Spring Inter-seeding: | April 15 th - May 15 th |
| 3) | Fall Inter-seeding: | August 15 th - September 30 th |

Refer to planting/seeding tables for seeding rates of various seed mixes. Adjustments may be made to the species and rates contained in the approved planting lists based on availability and subject to approval of the Owner.

3.3 INTER-SEEDING METHODS

- A. Submittals: The Contractor shall submit for approval by the Owner's Representative a plan and schedule for inter-seeding or planting at least thirty days prior to the scheduled commencement of work.
- B. General: No seeds shall be sown during high winds or when the seedbed is not in a proper condition for inter-seeding. The Owner's Representative shall examine and then approve any equipment to be used. Prior to starting work, all inter-seeding equipment shall be calibrated and adjusted to sow seeds at the proper inter-seeding rate. Equipment shall be operated in a manner to insure complete coverage of the entire area to be seeded. The Owner's Representative shall be notified 48 hours prior to beginning the inter-seeding operations. Any gaps between areas of growth greater than 8 square feet shall be reseeded or replanted.
- C. Sowing Seed: Prairie and wetland seeds shall be sown as to not be covered by more than $\frac{1}{4}$ inch of cover.
- D. Broadcast Method: Inter-seeding shall be uniformly broadcast atop cleared ground during inter-seeding times specified. Installers shall check to ensure uniform and complete coverage. Dormant broadcast inter-seeding shall not be conducted when snow cover exceeds a 2-inch depth or areas are covered with ice.
- E. No-Till or Drill Method: If a rangeland type grass drill or no-till planter is used, rolling of the seedbed will not be required. Specified material shall be seeded in two (2) separate applications, with the second application being done perpendicular to the first. The placing of mulch will not be required when a no-till planter is used.
- F. Fertilization: Fertilizer shall be commercial grade, free flowing, uniform in composition, and shall conform to applicable state and federal regulations. Granular fertilizer shall contain a minimum by weight, of 12% nitrogen (of which 50% shall be organic), 12% phosphorus, and 12% potassium (12-12-12). Fertilizer shall be applied to the cool season Fescue Plant Communities. Prairie and Wetland Plant Communities generally do not require fertilization. Fertilizer shall be applied at a rate of 400 lbs. per acre during or immediately after the seed is sown.
- G. Mulching: Areas not requiring erosion control blanket and treated as a dormant inter-seeding will be seeded with a cover crop mixture according to seed mix specifications, and not require mulch application, unless directed otherwise by the Owner.

In the event that a mulch cover, other than erosion control blanket is needed, grain, weed-free straw mulch shall be applied at a rate of 2 tons of air-dry material to the seeded areas immediately following inter-seeding. Mulch shall be applied by any method approved by the Owner's Representative that results in uniform application on the soil surface. Mulch shall be watered thoroughly after application.

3.4 EROSION CONTROL BLANKET

Erosion Control Blankets shall be applied on slopes 4h:1v or steeper, and as indicated on the plans. For all areas that will receive an erosion control/mulch blanket, both the cover crop and the permanent matrix shall be installed, immediately followed by installation of the erosion control blanket. Inter-seeding shall only occur in areas that will receive erosion blanket installation on the same day, such that no seeded area remains unprotected for more than 8 hours. The blanket shall be properly installed with staples according to manufacturer's specifications.

3.5 ADDITIONAL STRUCTURES

At the discretion of the Owner's Representative, the Contractor shall install wildlife control fencing or other devices according to manufacturer's specifications. Wildlife structures will be paid for on a unit cost basis, if required.

3.6 FINAL INSPECTION AND ACCEPTANCE

- A. The contractor shall be responsible for satisfactory growth of all areas seeded/planted under the contract until final acceptance of the work.
- B. Satisfactory performance of the inter-seeding shall include the following:
 - 1). All seeded areas shall achieve a 90% vegetative coverage one year following inter-seeding. Vegetative coverage shall be determined by visual estimation of area cover.
 - 2). At least 30% of the perennial species seeded shall be observed one year following inter-seeding.
 - 3). By the end of the second growing season (as applies to contract) 90% of the ground as measured by area coverage shall be vegetated and 50% of the species observed shall be native and non-invasive.
- C. The Owner will evaluate vegetative coverage and species presence. As determined by the Owner, the Contractor shall conduct additional inter-seeding to meet minimum performance criteria at no additional cost to the Owner.

END OF SECTION 3

SECTION 4

PRESCRIBED BURNING

1.0 GENERAL

1.1 DESCRIPTION

This work shall consist of providing all materials, labor, tools, permits, plans, and equipment necessary to conduct prescribed burns for various restoration zones as noted on the schedule.

1.2 BASIS OF PAYMENT

Payment for prescribed burning shall be at the contract unit price as bid in the contract proposal under the item PRESCRIBED BURN. Burns shall result, at a minimum, of burn coverage (blackening) of 70% of the ground layer, as determined by the Owner's Representative.

1.3 QUALIFICATIONS

Firms or contractors conducting burns for the College must be a company or corporation that routinely provides controlled burning as a paid service. The contractor's personnel must be supervised on site by at least one State of Illinois Certified Prescribed Burn Manager. Crew bosses shall have a minimum of 3-years experience supervising line crews and firing operations. At least three references for burns of similar size and nature must be provided. The Owner shall have full discretion in evaluating burn crew boss credentials, and retain sole authority in accepting or rejecting bidders or quotes based on this evaluation.

1.4 SITE CONDITIONS

Prior to bidding, applicants are highly encouraged to visit the burn site and thoroughly familiarize themselves as to the nature and location of the proposed work. Failure to visit the site before bidding does not relieve the contractor of responsibilities for anything they would have been made aware of had they conducted an on-site inspection.

2.0 MATERIALS

2.1 BURN EQUIPMENT

Contractor to provide materials, tools, and all necessary equipment to satisfactorily complete the job.

2.2 PERMITS/PLANS/INSURANCE

Contractor to procure all permits necessary to conduct burns. Contractor to submit a burn plan to Owner prior and specific to each prescribed burn. Contractor to provide evidence of insurance covering "controlled burning operations of open/natural areas".

3.0 EXECUTION

3.1 SCHEDULED BURNS

Contractor shall conduct spring and fall prescribed burns for various zones as indicated in the attached schedule. Contractor shall meet with the College at the beginning of each fiscal year to discuss and determine the best times for burning the indicated zones for that year.

3.2 BURN PLAN

Contractor shall submit a Fire Prescription and Logistics Plan (Burn Plan) to the Owner for review at least 1 month prior to conducting any prescribed burns for the fiscal year. The Burn Plan shall include, but not be limited to the following:

- Copy of IDNR Prescribed Fire Manager Certification
- Site/zone description including mapping,

- Sources and contacts for emergency assistance,
- Fire break preparation needs,
- Required permits and notifications
- Preferred and allowable dates for scheduling burns,
- Personnel and equipment needs including communications for burn participants,
- Suppression contingencies in event of weather change or escape.

3.3 BURN NOTIFICATIONS AND IMPLEMENTATION

Contractor shall conduct prescribed burns in accordance with the Burn Plan, accepted by the Owner and in accordance with applicable permits. Contractor shall not conduct burns when conditions are not unfavorable or not approved by the Owner. Contractor shall notify the Owner and the Owner's Representative 24 hours in advance of conducting the prescribed burn. Contractor shall coordinate burn schedule with the Owner with sufficient time to allow the Owner to notify administration. Contractor shall contact the local fire authority regarding the scheduled burn times and locations.

3.4 MEETINGS AND REPORTS

- A. Pre-Burn Meeting: If determined necessary by the Owner, the Contractor shall attend a pre-burn meeting with the Owner and/or their Representative at the burn site to review and discuss conditions, hazards, burn strategies or issues.
- B. Post-Burn Reporting: The Contractor will be responsible for submitting a written burn report summarizing results of the burn, including weather conditions, on site conditions, issues, and recommendations.

3.5 WORK SITE SAFETY

All burning must be performed in accordance to conditions and criteria specified in the Burn Plan. The Contractor and all applicable personnel must remain on site until all ground fire is out and all mop-up work has been completed. Mop-up includes any and all actions to secure and/or extinguish logs, snags or other fuels that exist adjacent and outside of the subject burn zone. The Contractor will be responsible for monitoring all smoke emissions and execute appropriate smoke mitigation measures. The Contractor shall take any and all appropriate action to address unidentified and/or new hazards that may arise as the burn progresses.

END SECTION 4

SECTION 5

EVALUATION AND REPORTING

1.0 GENERAL

1.1 DESCRIPTION

This work shall consist of inventorying plants within zones, providing summary reports and meeting with Owner to review year end results and make recommendations for succeeding seasons.

1.2 BASIS OF PAYMENT

Payment for this work will be lump sum as bid in the proposal under the item Evaluation and Reporting.

2.0 MATERIALS

2.1 SUBMITTALS

- A. Annual monitoring/maintenance summary reports.
- B. Periodic maintenance summary reports.
- C. Close-out Report/Meeting end of third Fiscal Year.

3.0 EXECUTION

3.1 PERIODIC MONITORING/MAINTENANCE REPORTS

At the time invoices are submitted, the contractor shall submit to the Owner a summary in writing of the work done, areas treated, herbicides used and amounts, and any other relevant information or concerns noted.

3.2 ANNUAL MONITORING/MAINTENANCE SUMMARY REPORT

The contractor will prepare a year-end summary report, noting total areas treated, species treated, total herbicide use (including submittal of herbicide application data form), problems encountered, and any other pertinent information. The contractor will meet and submit said report to the Owner before December 15th. The meeting will serve to review the report, and discuss items for the upcoming season.

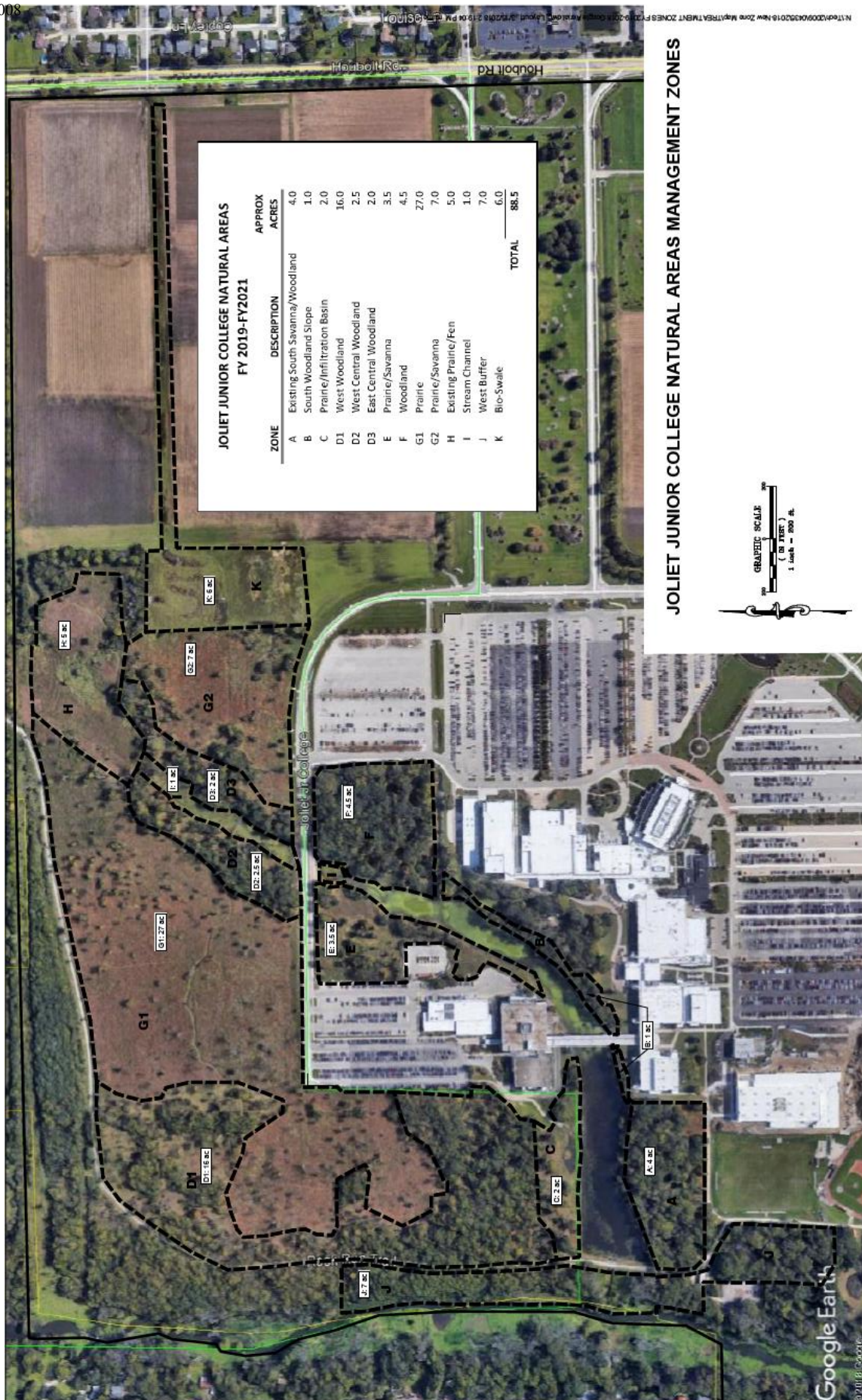
3.3 CLOSE-OUT REPORT/MEETING

Prior to the end of the contract for the third Fiscal Year (June 30, 2021) the contractor will prepare a close-out summary report. The report will include a summary of work completed since the last summary report, and include overall status of the restoration areas, problem areas, and recommendations. The report shall be submitted by the end of May. This report may take the place of the last fiscal year year-end report. The contractor will meet with the Owner and Owner's Representative to present the report and discuss issues and recommendations.

END OF SECTION 5

JJC RESTORATION MAINTENANCE SCHEDULE FY 2019-2021

JJC RESTORATION MAINTENANCE SCHEDULE FISCAL YEARS 2019-2021			Fiscal Year 2019										Fiscal Year 2020										Fiscal Year 2021									
			2018					2019										2020										2021				
	ITEM DESCRIPTION	Acres	July	August	September	October	Nov-Dec	Jan-Feb	March	April	May	June	July	August	September	October	Nov-Dec	Jan-Feb	March	April	May	June	July	August	September	October	Nov-Dec	Jan-Feb	March	April	May	June
1	Zone A: Existing Savanna/Woodland	4																														
	a Spot Herbicide/Selective Mow, Herbaceous/Woody Material																															
	b Burn																															
2	Zone B: Woodland Slope	1																														
	a Spot Herbicide/Selective Mow, Herbaceous/Woody Material																															
	b Burn																															
3	Zone C: Prairie/Infiltration Basin	2																														
	a Spot Herbicide/Selective Mow, Herbaceous/Woody Material																															
	b Burn																															
4	Zone D1: Woodland Area	16																														
	a Spot Herbicide/Selective Mow, Herbaceous/Woody Material																															
	b Burn																															
5	Zone D2/3: Woodland Area	4.5																														
	a Spot Herbicide/Selective Mow, Herbaceous/Woody Material																															
	b Burn																															
6	Zone E: Prairies/avanna	3.5																														
	a Spot Herbicide/Selective Mow, Herbaceous/Woody Material																															
	b Burn																															
7	Zone F: Woodland Area	4.5																														
	a Spot Herbicide/Selective Mow, Herbaceous/Woody Material																															
	b Burn																															
8	Zone G1: Prairie/Savanna	27																														
	a Spot Herbicide/Selective Mow, Herbaceous/Woody Material																															
	b Burn																															
9	Zone G2: Prairie/Savanna	7																														
	a Spot Herbicide/Selective Mow, Herbaceous/Woody Material																															
	b Burn																															
10	Zone H: Established Prairie/Fen	5																														
	a Spot Herbicide/Selective Mow, Herbaceous/Woody Material																															
	b Burn																															
11	Zone I: Stream Channel	1																														
	a Spot Herbicide/Selective Mow, Herbaceous/Woody Material																															
	b Burn																															
12	Zone J: West Buffer Area	7																														
	a Spot Herbicide/Selective Mow, Herbaceous/Woody Material																															
	b Burn																															
	c Seed																															
13	Zone K: Bioswale Area	6																														
	a Spot Herbicide/Selective Mow, Herbaceous/Woody Material																															
	b Burn																															
14	Reports/Meetings																															
	Reports/Meetings																															
	TOTAL ACRES	88.5																														





JOLIET JUNIOR COLLEGE
— 1901 —

CONTRACT AGREEMENT

Purchase Order#: XXXXXX Account #: XXX-XXX-XXX.XXX

Date: XXXXXX

Project: XXXXX

Between:

Joliet Junior College
1215 Houbolt Road
Joliet, Illinois 60431

AND

Contractor
Address
Address

In the amount of \$ xxxxxxxxxxxxxxxxxxxxxxxxxxxx and 00/100

ARTICLE 1

THE WORK

1.1 The Trade Contractor and JJC agree that the materials and equipment to be furnished and the work to be done by the Trade Contractor are as follows:

The Contract Sum includes, but is not limited to the following:

- 110% Performance and payment bond to Joliet Junior College, Illinois Community College District No. 525
- Insurance in accordance with Schedule "A" Insurance Requirements.

The Contract Sum excludes the following:

- All sales, consumer, use and other similar taxes on equipment and materials incorporated into the work for this project. Tax Exempt No E9992-4773-06 for Joliet Junior College, Illinois Community College District No. 525

1.2 The Trade Contractor shall be held accountable for the following Project related responsibilities: furnish all labor and supervision; furnish, supply and install all equipment, material supplies, tools, scaffolding, hoisting, transportation, unloading and handling; do all things required to complete the work described above on the Project all in accordance with the drawings, documents and specifications prepared by the Architect/Engineer/Owner; and furnish all necessary information, shop drawings, details, samples, brochures,

etc. for Owner/Architect approval, as may be required.

ARTICLE 2

TIME OF COMMENCEMENT AND COMPLETION

2.1 Trade Contractor shall start the work upon notice to proceed and shall execute the work with diligence and so as to maintain such schedules and milestones as established by JJC's Construction Manager. The Trade Contractor agrees to complete portions and the whole of the work by the following anticipated dates:

2.2 The Trade Contractor is cautioned that schedules and milestones are subject to review and revision. It is the sole responsibility of the Trade Contractor to attend job meetings, keep itself informed of any revisions, and conform to any such revisions.

2.3 In the event that the Trade Contractor should fail to maintain JJC's progress schedule or the schedule as established above, the JJC Construction Manager reserves the right, after 48 hours formal notice, either by letter or confirmed email to the Trade Contractor, to procure the materials, equipment, and labor necessary to proceed with, or to complete the work, or any portion thereof from other sources and charge the cost thereof to the Trade Contractor.

ARTICLE 3

THE CONTRACT SUM

3.1 JJC agrees to pay the Trade Contractor for the satisfactory performance of his work the total sum of:

Contract Amount: \$.00

Contract amount is made up of the following:

- Base Bid\$
- Alternate Bid No.\$
- Total Contract Amount.....\$

Allowances (if applicable):

Unit Prices (furnished and installed unless stated otherwise)

In current funds subject to additions and deductions for changes, as may be agreed upon, and to make payments on account thereof as follows:

- 3.2 On the established day of each month, the Trade Contractor shall deliver to the JJC Construction Manager (2) completed copies of the JJC Payment Application Package showing values of all materials delivered and work completed up to the established billing date for which payment is being requested. It is specifically understood and agreed that prior to submission of the first statement the Trade Contractor will deliver to the JJC Construction Manager, for review and approval, a detailed breakdown of this contract sum showing a schedule of values for the various parts of the work. Once accepted, this schedule of values will be used as a basis for checking the Trade Contractor's monthly statement.
- 3.3 The Trade Contractor shall, with the second and each succeeding monthly request for payment, submit a waiver of lien showing all payments made for labor and materials and on account for all work covered in the previous months request for payment. Affidavit and waiver of liens may be required to be submitted from Trade Contractors, suppliers, and/or Trade-Trade Contractors (all tier).
- 3.3.1 The Trade Contractor shall, with the second and each succeeding monthly request for payment, submit certified payroll for all labor and sub labor.
- 3.4 Ten percent (10%) of each payment shall be retained, unless specific provisions to the contrary are indicated in the contract documents.
- 3.5 No payment made under this Agreement, including the final payment, shall be conclusive evidence of the performance of the work, either wholly or in part, and no payment shall be construed as an acceptance of defective work or improper materials.
- 3.6 The Trade Contractor shall save and keep JJC's property free from all mechanics' and material liens and all other liens and claims, legal or equitable, arising out of the Trade Contractors work hereunder. In the event any such lien or claim is filed by anyone claiming by, through, or under the Trade Contractor, the Trade Contractor shall remove and discharge same, by bonding or otherwise, within five (5) days of the filing thereof.

ARTICLE 4

THE CONTRACT DOCUMENTS

- 4.1 The contract documents consist of this Agreement and any exhibits attached hereto; general conditions, supplementary, special and other conditions, the drawings, specifications, general instructions to bidders, supplements to bidder's documents, form of proposal, all addenda issued prior to and all modifications issued after execution of the Agreement. Any post bid review and/or pre-construction document shall be considered part of this Agreement.
- 4.2 The Trade Contractor agrees to perform the work under the general direction of the JJC Construction Manager.
- 4.3 If there is a provision for liquidated damages in the contract documents, the Trade Contractor shall be liable for any liquidated damages by reason of the failure of the Trade Contractor to prosecute the work diligently and properly.
- 4.4 No extra work shall be performed under this Agreement, except upon receipt of a written change

order from JJC. Should the Trade Contractor proceed with any work they consider extra to this contract without a fully executed JJC change order form, it is considered at their own risk and cost.

ARTICLE 5

INSURANCE AND INDEMNITY

5.1 The Trade Contractor agrees to at the time of execution of this Agreement furnish the Construction Manager with certificates of an insurance company (or other source). These certificates should certify that the Trade Contractor is protected on the work with worker's compensation and employer's liability, public liability and bodily injury, property damage insurance, and any other insurance as required by the contract documents and in accordance with the attachment to this Agreement entitled "Insurance Specifications". The Trade Contractor will not be permitted to start work at the site until these certificates are filed with the JJC Construction Manager. Compliance by the Trade Contractor with the foregoing requirements, as to carrying insurance and furnishing certificates, shall not relieve the Trade Contractor of its liabilities and obligations.

ARTICLE 6

PERFORMANCE BOND AND LABOR AND MATERIAL PAYMENT BOND

6.1 The Trade Contractor agrees to furnish and pay for a 110% Performance Bond and a 110% Labor and Material Payment Bond. The bonds are to be delivered within 10 days of receipt of a purchase order and execution of this agreement.

ARTICLE 7

WARRANTY

7.1 The Trade Contractor agrees to promptly make good, without cost to the JJC, any and all defects, due to faulty workmanship and/or materials, which may appear within the guarantee or warranty period so established in the contract documents. If no such period be stipulated in the contract documents, then such guarantee shall be for a period of one (1) year from date of completion and acceptance of the work by JJC. The Trade Contractor further agrees to provide any and all guarantees as required by the terms of the contract documents, as a condition precedent to final payment.

ARTICLE 8

CHANGES IN THE WORK

- A. 8.1 The Trade Contractor may be ordered in writing by JJC, without invalidating this Agreement, to make changes in the work within the general scope of this Agreement. These changes may consist of additions, deletions, or other revisions, the contract sum and the contract time being adjusted accordingly. The Trade Contractor, prior to the commencement of such changed or revised work, shall submit promptly to the JJC Construction Manager written copies of any claim for adjustment

to the contract sum and contract time for such revised work in a manner consistent with the contract documents. Any extra work done by the Contractor will be considered performed at no extra cost to JJC unless a written JJC change order form has been fully executed and signed by the Director of Business and Auxiliary Services. A contractor shall not be entitled to any compensation for extra work/material based on verbal conversations or email exchanges (the contractor is considered proceeding with extra work at their own risk without a fully executed JJC change order form). It is the contractor's responsibility to obtain a fully executed change order form from JJC. A change order or a combination of multiple change orders may not exceed 10% of the original contract without JJC seeking approval from the Board of Trustees.

8.2 Where changes in the work involve both additions and deletions, percentages for overhead and profit shall be applied to the net increase only of such values for labor and materials.

8.3 The amount to be paid by the Owner for changes in the work, as outlined in paragraph 8.1 above, shall be made on the basis of one of the following methods:

- (a) by mutual acceptance of a lump sum properly itemized and supported by sufficient substantiating data to permit evaluation and agreed upon by the JJC Construction Manager and the Trade Contractor, or
- (b) by unit prices stated in the contract documents, or
- (c) if no such unit prices are set forth and if the parties cannot agree upon a lump sum, then the actual net cost in money to the Trade Contractor of materials and labor (including insurance and applicable taxes) required, plus rental of plant equipment (other than small tools and small equipment) plus compensation for overhead and for profit as noted in Article 12, field overhead will not be considered as part of actual net cost, or
- (d) by the method provided in subparagraph 8.4.

8.4 If none of the above methods set forth in clauses 8.3 (a), 8.3 (b), 8.3 (c) is agreed upon, the Trade Contractor, provided he receives a written order signed by JJC shall promptly proceed with the work involved. The cost of such work shall be determined by the JJC Construction Manager on the basis of reasonable expenditures and savings of those performing the work attributable to the change, including, in the case of an increase in the contract sum, a reasonable allowance for overhead and profit as set forth in the bid documents. In such case, and also under clauses 8.3 (c) and 8.3 (d) above, the Trade Contractor shall keep and present, in such form as the JJC Construction Manager may prescribe, an itemized accounting together with appropriate supporting data for inclusion in a change order. Unless otherwise provided in the contract documents, cost shall be limited to the following: cost of materials including sales tax and cost of delivery, cost of labor including social security, old age and unemployment insurance and fringe benefits required by Agreement or custom; workers or workmen's compensation insurance; bond premiums; rental value of equipment and machinery; and the additional costs of supervision and field office personnel directly attributable to the change. Pending final determination of cost, payments, on account shall be made as determined by the JJC. The amount of credit to be allowed by the Trade Contractor for any deletion or change which results in a net decrease in the contract sum will be the amount of the actual net cost as confirmed by JJC when both additions and credits covering related work or substitutions are involved in any one change, the allowance for overhead and profit shall be figured on the basis of the net increase, if any with respect to that

change.

8.5 For work performed by a Trade-Trade Contractor, the Trade Contractor will be allowed to add 5% only and said Trade-Trade Contractor mark-up shall not exceed the agreed upon percentages noted in Article 11 for overhead and profit.

ARTICLE 9

TRADE CONTRACTOR RESPONSIBILITIES

9.1 The Trade Contractor shall provide sufficient, safe, and proper facilities at all times for the inspection of the work by JJC. The Trade Contractor shall, within a 24-hour notice from the JJC Construction Manager, proceed to take down all portions of the work and remove from the grounds or buildings, all materials, whether worked or unworked, which the JJC Construction Manager shall condemn as unsound or improper, or as in any way failing to conform to the contract documents. The Trade Contractor shall make good at its own expense, all work damaged or destroyed thereby.

9.2 The Trade Contractor agrees, in the performance of this Agreement, to comply with all federal, state, municipal, and local laws, ordinances, codes and governing regulations, to pay all costs and expenses required thereby; to pay all fees, charges, assessments, and taxes, including sales and use taxes, and to pay all fringe and other benefits required by Agreement or law.

9.3 The Trade Contractor shall pay all royalties and license fees. He shall defend all suits or claims for infringement of any patent rights and shall save JJC harmless from loss on account thereof, except that JJC shall be responsible for all such loss when a particular design, process or the product of a particular manufacturer or manufacturers is specified, but if the Trade Contractor has reason to believe that the design, process or product specified is an infringement of a patent, he shall be responsible for such loss unless he promptly gives such information to the JJC Construction Manager.

9.4 Should the Trade Contractor become insolvent, or at any time, refuse or neglect to supply a sufficiency of properly skilled workers, or equipment and materials of the proper quality, or fail in any respect to prosecute the work with promptness and diligence, or fail in the performance of any of the Agreements herein contained, JJC shall be at liberty, after 48 hours written notice to the Trade Contractor, to provide any such labor, equipment, and materials and deduct the cost thereof, from any money then due or thereafter to become due to the Trade Contractor, under this Agreement if such refusal, neglect, or failure is sufficient ground for such actions, JJC shall also be at liberty to terminate the employment of the Trade Contractor. Consequently, JJC may enter upon the premises to take possession, for the purpose of completing the work included under this Agreement, of all materials, tools, and appliances thereon, and to employ any other person or persons to finish the work and provide the materials therefore. In case of such discontinuance of the employment, the Trade Contractor shall not be entitled to receive any further payment under this Agreement until the said work shall be wholly finished. If such expense shall exceed such unpaid balance, the Trade Contractor shall pay the difference to JJC. The expense incurred by JJC, as herein provided, either for furnishing materials, or finishing the work, and any damage incurred through such default, shall be chargeable to the Trade Contractor. In the event that a Termination for Cause is not upheld by a properly empowered judicial or arbitral authority, then the Termination for Cause shall be deemed a Termination for Convenience and construed under Section 9.4.1. hereof.

9.4.1 Notwithstanding the above paragraph, JJC reserves the right to terminate this Agreement for its convenience upon written notice to the Trade Contractor. In such instance the Trade Contractor will be paid

its share of the contract amount proportionate to the percentage of its work completed and other reasonable cancellation costs incurred as a result of said termination. No payments shall be made for anticipated overhead and profit. Prior to making any payments under this clause, JJC shall have the right to audit the records of the Trade Contractor.

9.5 The Trade Contractor agrees to adhere to the federal occupational safety act, state and local safety regulations and JJC's safety and health program so as to avoid injury or damage to persons or property, and to be directly responsible for damage to persons and property resulting from failure to do so.

9.6 In the event the Trade Contractor after a 24-hour written notice from JJC fails to take corrective action to insure compliance with said safety regulations or removal of rubbish and debris resulting from his work, JJC shall undertake these obligations and charge the cost of same to the Trade Contractor's account without further notice to the Trade Contractor.

9.7 The Trade Contractor agrees to notify the JJC Construction Manager of all accidents which may occur to persons or property and shall provide a copy of all accident reports on appropriate forms. All reports shall be signed by the Trade Contractor or his authorized representative and submitted within five (5) days of occurrence.

9.8 The Trade Contractor shall procure its materials from such sources, and employ such labor subject to contract terms and conditions in order to ensure harmonious labor relations on the site and prevent strikes or labor disputes by its employees or other trade employees. The Trade Contractor, in the event of a labor dispute including strikes, shall take whatever action is required in order to prevent the disruption of work on the Project site.

9.9 The Trade Contractor will not assign this Agreement or any moneys due or to become due under this Agreement, or sublet the whole or any part of the work to be performed hereunder, without the written consent of the Owner. In the event of such consent, a Trade-Trade Contractor must comply with all the requirements of this Agreement.

9.10 The Trade Contractor agrees that all disputes concerning the jurisdiction of trades shall be adjusted in accordance with any plan for the settlement of jurisdictional disputes which may be in effect either nationally or in the locality in which the work is being done. The Trade Contractor shall be bound by, and shall abide by, all such adjustments and settlements of jurisdictional disputes, whether or not the Trade Contractor is signature bound by the Agreement establishing the impartial jurisdictional disputes board and/or its successors. The Trade Contractor agrees not to cause work stoppage, due to the jurisdictional assignment of work.

9.11 The Trade Contractor shall submit to the JJC Construction Manager upon request, copies of orders placed for the various materials required for the Project or authentic stock lists if such material is normally a stock item. Order copies need not reflect prices but should indicate type of material, quantity, vendor name, and address, etc. The Trade Contractor shall be required to submit to the JJC Construction Manager a monthly material status report, or more often if required by the JJC Construction Manager, as a prerequisite for the monthly progress payment. The Trade Contractor shall notify the JJC Construction Manager immediately upon learning of a change of status of any material, equipment, or supplies.

9.12 The Trade Contractor shall continuously and adequately protect all his work and will immediately replace all damaged and defective work.

9.13 The Trade Contractor agrees to maintain an adequate force of experienced workers and the necessary materials, supplies, and equipment to meet the requirements of the JJC Construction Manager and other trades in order to maintain construction progress schedules, as established by the JJC Construction Manager. In the event that his force is, in the judgment of the JJC Construction Manager, inadequate to meet the established schedules during the regular working hours, the Trade Contractor agrees to work sufficient overtime hours or increase his work force to meet such schedules at no extra cost to JJC. If for reasons not already stated, the JJC Construction Manager requires and directs the Trade Contractor to work overtime, including Saturdays, Sundays or Holidays, the Trade Contractor will be reimbursed the net premium rate only. The net premium rate is understood to mean the actual premium labor cost, including applicable taxes and wage additives required by trade Agreement or by law, but without additives for overhead, labor efficiency, or profit.

9.14 The Trade Contractor agrees to employ competent administrative, supervisory, and field personnel to accomplish the work, including layout, engineering, and preparation and checking of shop drawings. If required, the Trade Contractor shall substantiate this employment of competent personnel to JJC's Construction Manager's satisfaction before initiating any work.

9.15 The Trade Contractor shall insure that all construction tools, equipment, temporary facilities, and other items used in accomplishing the work, whether purchased, rented, or otherwise provided by the Trade Contractor or provided by others, are in a safe, sound, and good condition, must be capable of performing the functions for which they are intended and must be maintained in conformance with applicable laws and regulations.

9.16 If the Trade Contractor is delayed at any time in the progress of the work by any act or neglect of JJC, the Architect/Engineer, or by any employee of either, or by any separate contractor employed by JJC, or by changes ordered in the work, or by labor disputes, fire, unusual delay in transportation, adverse weather conditions not reasonably anticipatable, unavoidable casualties or any causes beyond the Trade Contractor's control, or by delay authorized by JJC, or by any other cause which the JJC Construction Manager determines may justify the delay, then the contract time shall be extended by amendment for such reasonable time as the JJC Construction Manager may determine. In the event that a conflict exists between this section (9.16) and a like clause contained in a document having higher precedence, such like clause shall have preference to the extent of the conflict.

9.17 Right-To-Know- each Trade Contractor is required to implement the provisions of the right-to-know law, if any, as enacted by the state in which the work is being performed. Before using on site any material listed in the right-to-know substance list, each Trade Contractor will furnish the Construction Manager a copy of the material safety data sheet for that substance.

9.18 In the event the Trade Contractor employs independent contractors, as well as payroll labor, to discharge its obligations hereunder, the Trade Contractor acknowledges and understands that it does so at its own risk and that federal, state and/or local agencies may dispute the independent contractor status and assess penalties, fines, and costs should there be a determination to reclassify such workers. In that event, the Trade Contractor agrees that it will defend, indemnify and hold JJC harmless from any fines, costs, damages, penalties, attorneys fees, and causes of action, including without limitation, personal injury or property damage, arising out of or relating in any way to such a determination.

9.19 The Trade Contractor will have competent supervision on site at all times when work is proceeding. No subcontractor should be working on site without representation/supervision by this Trade Contractor. The JJC Construction Manager reserves the right to hire proper supervision of subcontractors, and fully back charge

this Trade Contractor for such services.

ARTICLE 10

EQUAL OPPORTUNITY

10.1 During the performance of this Agreement, the Trade Contractor agrees not to discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The Trade Contractor will take affirmative action to insure that applicants are employed without regard to their race, color, religion, sex, or national origin. The Trade Contractor will comply with all provisions of Executive Order No. 11246, Section 503 of the Rehabilitation Act of 1973, as Amended, the Vietnam Era Veterans' Readjustment Assistance Act of 1974, as Amended, (38 U.S.C. 4212) and their implementing regulations at 41 CFR Chapter 60.

ARTICLE 11

ALTERATIONS

11.1 The overhead and profit allowable under Article 8.3. A, 8.3 B, 8.3 C is:

- For the Trade Contractor, for any Work performed by the Trade Contractor's own forces- 12 percent of the cost
- For the Trade Contractor, for Work performed by his Subcontractor - 5 percent of the amount due the Subcontractor

11.2 All proposals, except those less than \$200 shall be accompanied by a complete itemization of costs including, labor, materials and subcontractors. Labor and material shall be itemized in the manner prescribed in Article 11.1. Where major cost items are subcontracts, they shall be itemized also. In no case will a change involving over \$200 be approved without such itemization.

ARTICLE 12

COMPLETE AGREEMENT

12.1 This Agreement, together with all documents, specifications, drawings, incorporated herein by reference, constitutes the entire Agreement between JJC and Trade Contractor. There are no terms, conditions, or provisions, either oral or written, between the parties hereto, other than those contained herein. This Agreement supersedes any and all written representations, inducements, or understandings of any kind or nature between the parties hereto, relating to the particular Project involved herein.

12.2 The said parties for themselves, their heirs, successors, executors, administrators and assigns, do hereby agree to the full performance of the covenants herein contained.

12.3 Governing Law; Venue - The validity, construction and interpretation of this Agreement shall be governed by the laws of the State of Illinois. The parties hereto irrevocably agree that all actions or proceedings in any way, manner or respect arising out of or from or related to his Agreement shall be litigated only in the Circuit Court, Twelfth Judicial Circuit, Will County, Illinois. Each party hereby consents and submits to personal jurisdiction in the State of Illinois and waives any rights such party may have to transfer the venue of any such action or proceeding.

In witness whereof they have hereunder set their hands the day and date first above written.
In the presence of

Trade Contractor

Accepted by: _____ (Signature)

Name: _____ (Print name)

Title: _____

Date: _____

Joliet Junior College
Owner

By: _____ (Signature)

Joliet Junior College

Name: _____ (Print name)

Title: _____

Date: _____

Witness

Witness

Preconstruction Conference Checklist

Revision-D April 1, 2014



Date:

Time:

Project Title / Location:

Project Number:

FOR
(Contractor's name)

1. **Introductions:** All project members are to introduce themselves including their name, organization, title, and role on the project.

A. Joliet Junior College Personnel:

1. Construction Manager:

- a. Phone:
- b. Cell:
- c. Fax:
- d. Email:

2. Alternate Contact:

- a. Phone:
- b. Cell:
- c. Fax:
- d. Email:

B. Contractor Personnel

1. Project Manager:

- a. Phone:
- b. Cell:
- c. Fax:
- d. Email

2. Construction Superintendent:

- a. Phone:
- b. Cell:
- c. Fax:
- d. Email:

2. **Communications:**

- A. Communications related to the project between Joliet Junior College and the Contractor shall be conducted through the Joliet Junior College Construction Manager (CM) only, unless directed otherwise.

Preconstruction Conference Checklist

Revision-D April 1, 2014

- B. In the event of an emergency the Contractor is to contact Campus Police at 815-280-2234, or may pick-up any campus phone and dial 2911.
- C. RFI's: Requests for Information (RFI's): All Requests for Information shall be in written form to JJC's CM with a copy to the A/E when required. All responses will come from JJC or the A/E in writing addressed to the Contractor's Project Manager
- D. Weekly Construction Reports: Contractor is to provide a weekly construction report to JJC CM. This report is to be inclusive of daily activities, potential delays, stoppage, problems, accidents, near misses, significant decisions, meetings, requests by JJC, etc.
- E. Correspondence: All correspondence shall be directed to the Construction Manager

Joliet Junior College
Facilities Services Department
ATTN: _____
1215 Houbolt Road
Joliet, IL 60431

Include Project Title, Project Number, Purchase Order Number on ALL correspondence.

3. Construction Schedule:

- A. Schedule of Values: Contractor is to provide a schedule of values (AIA document recommended) broken down into each division of the work as a minimum. The schedule of values will include as a minimum a listing of the work elements or branch values, the cost of each work element, and the percentage of total project "award" cost that the work element represents. The schedule of values will become the basis for "work elements" a.k.a. "branch values" of the Construction Schedule. These same "work elements" shall be used as the basis for the "branch values" of the Construction Progress Report as listed in item #2D above.
- B. Construction Schedule: Contractor is to submit within one week of pre-construction meeting, a fully developed gantt chart type construction schedule.
 - 1. Provide a task for each construction activity or "work element".
 - 2. No progress payment will be processed until the construction schedule is submitted and approved.
 - 3. Provide a revised, updated schedule with each progress payment request.

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Performance:

A. Commencement, Prosecution & Completion of Work

1. Purchase order/notice to proceed received: _____
2. Contract Amount: _____
3. Total Amount of Alternates Accepted: _____
4. Proposed start/mobilization date : _____
5. Preconstruction Submittals Received: Check one Y _____ N _____
6. Bonding & Insurance Requirements Received: Check one Y _____ N _____
7. Completion date: _____
8. Delays and time extensions: The Contractor is responsible for the completion of project work within the time designated above and in the construction schedule. Justified change orders may qualify a delay and require a time extension which must be discussed and approved by the JJC CM. Failure to complete the project on time will result in a negative evaluation of Contractor performance on the JJC project close-out documents.
9. All shop drawings will be submitted to the JJC CM or A/E when required. Material samples shall be submitted for approval when required.
10. The JJC CM and/or the A/E will provide a list of punch list items. The final punch list shall be completed within 2 weeks upon substantial completion. 10% of the contract amount will be withheld until all punch list items are completed.
11. Construction status meetings between the Contractor and JJC CM shall be held on a weekly basis in the JJC CM's office. At the JJC CM's discretion, this weekly meeting may be held via conference telephone call as the project dictates.
12. As-built drawings shall be maintained and kept on-site daily. Final as-built drawings are required to be turned over to the JJC CM at project completion. When AutoCAD drawings are available from the A/E, the Contractor will revise the drawings to reflect as-built conditions. Final payment will not be processed until all as-built drawings are received.

B. Coordination of Work:

1. The Contractor is responsible for coordination of all elements of the work and every aspect of the coordination of his subcontractors work.
2. The Contractor is required to have a competent construction supervisor in charge of the work at all times. Construction supervisor may be a working foreman.

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3. When the shut down of utilities is required, the Contractor shall coordinate with the JJC CM to schedule the shut down process. Allow a minimum of 5 days notice to allow for a shut down. Unless otherwise stated during the bidding process, a utility shut down will be required between the hours of 10:00 p.m. to 6:00 a.m.
 4. The contractor is to consider any loud construction noise that may be disruptive to classes, faculty, students and staff (including but not limited to loud demolition, hammer drilling, concrete cutting/drilling, rock breaking, shooting of metal stud track into floors and ceilings, etc.). Such work shall be performed during the maintenance hours of 10:00 p.m. to 6:00 a.m.
 5. The contractor will be responsible for providing and maintaining portable toilet facilities when the scope of work is an outdoor project. Location of the portable toilet(s) shall be coordinated with JJC.
 6. Any project requiring excavation with remaining spoils shall be hauled off site as part of the contractors base scope of work. Leaving/spreading spoils on site shall not be permitted.
- C. Contractor Evaluation:
- At the completion of the project, the JJC CM will complete a contractor evaluation. This evaluation is kept on file and is taken into consideration when considering the Contractor for future projects.
- 13. Mobilization:** Prior to the Contractor mobilizing on site, the following requirements must be met and reviewed.
- A. Pre-mobilization requirements:
1. Safety plan submitted and approved.
 2. Schedule of Values and Construction Schedule submitted and approved.
 3. Review Contractor's plan for mobilizing on site, including phasing, timing elements, crane operations, dumpster locations, gang box locations, deliveries, parking, storage of material, etc.
 4. The Contractor's safety plan shall be submitted to the JJC CM addressing issues of excavation, crane lifts, hot work and other construction hazards.
 5. Contractor check-in with Facility Services. The Contractor's employees are required to obtain vehicle tags and I.D. badges. Any ticketing by Campus Police as a result of no vehicle tag will be the responsibility of the Contractor.

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14. Housekeeping and Clean-up: The Contractor is primarily responsible for housekeeping in its respective work areas, and for work performed by its employees and subcontractors. This means the Contractor's work area is required to be maintained in an orderly, safe and productive condition at all times.

- A. Accumulation of combustibles, flammable liquids, chemical products, tools not in use, trash and/or refuse is not acceptable and will not be allowed.
- B. Parking, staging and storage of materials and equipment shall be confined to designated areas only.
- C. When a Contractor's work material may be dislodged by wind and could create a hazard when left in an open area, it shall be secured by the Contractor.
- D. The Contractor will police its work area(s) at the end of the shift and leave the area in a condition that is acceptable to the JJC CM.
- E. In the event that housekeeping in a Contractor's work area is found to be in an unacceptable condition by the JJC CM, the CM will give notice once verbally to the Contractor's on-site supervisor or foreman. If the deficiency is not corrected in a timely manner (and no later than the end of the day's work shift), the JJC Facility Services Department may make provisions for clean-up (which may or may not be done by outside services), and fully back charged to the Contractor. The Contractor will be liable for all costs associated with clean-up at a minimum rate of \$100/man hour plus materials.
- F. The Contractor shall provide and install safety fencing or barricades around areas requiring protecting (including but not limited to trees, plantings, etc.). This includes installing cyclone fencing for outdoor projects to prevent anyone from entering the construction zone.
- G. The Contractor will be responsible for daily cleaning of mud off roadways where required, or caused by this Contractor.
- H. The Contractor will provide tree protection and install silt fencing when working in areas that such protection or erosion control is required.
- I. The Contractor will provide berms around storm drains to prevent mud run-off from entering the lake.

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15. Conduct and Behavior:

The Contractor's employees must take into consideration the environment around them when holding conversations with fellow employees as well as JJC staff as to not interrupt classes that may be in session, or students in concourses that may be studying. Profanity/foul language, derogatory remarks or harassment of students will not be tolerated and will be an immediate means for the employee dismissal from the project.

16. Progress Payments/Invoicing and Change Orders:

- A. A "pencil" copy of progress invoicing shall be submitted to the JJC CM & the A/E by the 1st of every month for review and approval. Final invoicing shall be in by the second week of the month for processing and board approval. No invoice will be processed without lien waiver(s) and certified payroll.
- B. Any extra work done by the Contractor will be considered performed at no extra cost to JJC unless a written JJC change order form has been fully executed and signed by the Director of Business and Auxiliary Services. A contractor shall not be entitled to any compensation for extra work/material based on verbal conversations or email exchanges (the contractor is considered proceeding with extra work at their own risk without a fully executed JJC change order form). It is the contractor's responsibility to obtain a fully executed change order form from JJC. A change order, or a combination of multiple change orders may not exceed 10% of the original contract without JJC seeking approval from the Board of Trustees.

17. Miscellaneous:

- A. Soliciting or canvassing and posting or distributing printed material (except as permitted by law) is prohibited.
- B. Smoking is restricted to designated signed areas outside. The use of any tobacco products (including chewing) indoors is prohibited, and must be done in the designated outdoor smoking areas during break time.
- C. Drinking, using, possessing or being under the influence of alcohol or controlled substances are prohibited, and a cause for immediate dismissal.
- D. No radios, CD Players or MP3 players shall be used during normal working hours.

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- E. The Contractor shall perform his/her work in accordance to no less than the minimum requirements as established by the Occupational Safety and Health Association. Personal Protection equipment shall be provided by the Contractor and worn at all times.
- F. The Contractor will be responsible for securing materials and tools and shall be solely responsible for any such theft or damage.

By signing below, the Contractor certifies that he, his employees, subcontractors, or assigns will abide to this Preconstruction Conference Checklist during the course of the project.

Contractor: _____
Print name: _____
Sign name: _____
Title: _____
Date signed: _____

JJC CM: _____
Sign name: _____
Date signed: _____

August 2008

Safety Requirements for Contractors and Subcontractors

Environmental Health and Safety
Facility Service Department
(815) 280-2384

Environmental Health and Safety

Safety Requirements for Contractors And Subcontractors

Environmental Health and Safety

Facility Services Department

1215 Houbolt Rd.

Joliet, IL 60431

Phone: (815) 280-2384 Fax (815) 280-6673

http: // www.jjc.edu/ehs

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Introduction

EHS Information

The mission of Environmental Health and Safety (EHS) is to:

- Work toward providing a safe and healthful living, learning, and working environment for every member of the greater college community by assuring safe work practices through educating, training, and assisting individuals and departments;
- Help individuals and departments achieve compliance with all health and safety state and federal regulations and college policies as economically as possible and
- Act as liaison with external regulatory agencies, and to monitor college compliance with mandatory health and safety standards whenever necessary.

Purpose

Joliet Junior College developed *Safety Requirements for Contractors and Subcontractors* to assure the safety of college employees and the public who may be in proximity to renovation, demolition, installation, or maintenance operations performed by Contractors or Subcontractors. Every Contractor is expected to take steps as necessary to protect the safety and health of college employees, students, and visitors during the performance of their work. Each Contractor that coordinates the work of Subcontractors shall assure that they abide by the requirements outlined herein.

Application

Each department that coordinates or uses the services of a Contractor to perform maintenance, repair, installation, renovation or construction-related operations is expected to designate one or more persons to coordinate this program within his or her department. These coordinators are expected to assure that the Contractor is:

- Informed of the presence of hazards in or near the work area.
- Informed about JJC's requirements related to lead, confined space entry, lockout/tagout, hot work, and excavation operations.
- Aware of the colleges' expectations regarding safety compliance and the control of worksite hazards.

A representative from EHS will serve as the coordinator for the purposes of this program on capital renovation and construction projects.

Scope

This program applies to all JJC properties, and to all work performed by Contractors and Subcontractors in or on property owned, leased or occupied by JJC or employees of JJC.

General Requirements

Contractual Obligations

A copy of this document shall be made available upon request to prospective bidders/offerors at the pre-bid/pre-proposal conference for the work. This document shall be either included with, or referenced in, the contract documents.

Contractors performing building, facilities or equipment-related construction, repair, installation, renovation or maintenance activities shall attend a safety orientation as follows:

- On capital projects, this orientation will be conducted during the pre-construction conference or as determined by the Project Manager.
- For non-capital construction/renovation work, the Project Coordinator shall arrange the safety orientation with EHS and the Contractor prior to the start of work by contacting EHS at (815) 280-2384. Contractors retained on a term contract need only attend one safety orientation held prior to the award of the first project under that contract.

The Contractor shall provide the Project Manager/Coordinator with emergency contact phone number(s), usable 24 hours a day, for the Contractor's representative. These phone numbers shall be copied to EHS and the JJC Police Department prior to the work.

The Contractor bears sole responsibility for the safety of his or her employees. The Contractor is expected to take all steps necessary to establish, administer, and enforce safety rules that meet the regulatory requirements of the Illinois Department of Labor (IDOL) and the Occupational Safety and Health Administration (OSHA). These regulations include, but are not limited to:

- Title 29 of the Code of Federal Regulations (CFR) Parts 1910, Occupational Safety and Health Administration (OSHA) Standards for General Industry,
- Title 29 of the Code of Federal Regulations (CFR) Parts 1926, Occupational Safety and Health Administration (OSHA) Standards for the Construction Industry.

The Contractor bears sole responsibility for communication of safety-related information and requirements to his or her Subcontractors. Contractors shall assure that their Subcontractors comply with the requirements outlined herein.

Submittals

Submittals, where required from the Contractor by this document, shall be made in writing, directly to the Project Manager/Coordinator and copied to EHS. Submittals shall be made sufficiently in advance to avoid delay of the project. Where review, approval, or coordination of submittals is required, submittals shall be made at least ten (10) working days prior to the start of the project unless prior arrangements have been made. Post-job submittals, where required

as outlined in this document, shall be made no later than fifteen (15) working days after completion of the project or as specified herein.

Control of Fugitive Emissions

The Contractor shall take all reasonable precautions necessary to control fugitive emissions from the job site. Fugitive emissions include, but are not limited to: nuisance dust, chemical odors/vapors/gases, hazardous materials (such as lead dust or asbestos), and noise.

Where the product(s) or material(s) to be used by the Contractor has a permissible exposure limit (PEL) established by OSHA or IDOL and where college employees or the public may be exposed to the product or material, the Contractor shall take all reasonable steps to maintain exposures below the PEL where an exposure condition during use exceeding the PEL could reasonably be anticipated. In such instances, the Contractor shall monitor, or shall contract to have monitored, work area exposure conditions. Monitoring shall occur, at a minimum, during the start of work and whenever there is a change in procedure, process, or chemical or material used. If it is deemed not practicable to maintain exposures below the PEL, the Contractor shall restrict access to all areas where exposures exceed the PEL to authorize personnel only.

Accidental Spills and Releases

In the event of an accidental release or spill of chemicals or other hazardous materials the Contractor shall:

- Immediately take action as appropriate to contain the spill if this action can be taken without jeopardizing the health or safety of employees,
- Notify the fire department, campus police, or other entities as needed or required,
- Contact EHS, and
- Contact the Project Manager/Coordinator.

EHS emergency response personnel may be reached after normal business hours by contacting the Campus Police Department at (815) 280-2234 or 2811 from a house phone.

The following phone numbers may be used in the event of an emergency during normal working hours:

	Outside	On-Campus
Joliet Fire Department and Ambulance		911
JJC Campus Police	(815) 280-2911	Extension 2911
North Campus-Romeoville Fire/Ambulance	911	911
Morris Fire/Ambulance	911	911
Environmental, Health and Safety	(815) 280-2384	Extension 2384
East Joliet Fire/Ambulance	(815) 723-1504	911
Facility Services	(815) 280-2332	Extension 2332

All college costs associated with responding to or remediation of a chemical or hazardous material spill or release may be assessed by the Contractor.

General Work Requirements

The Contractor shall abide by the requirements of any sign posted in a building that requires the use of specific personal protective equipment, that restricts access to qualified or authorized persons only, or that establishes other requirements for entry.

The Contractor shall not conduct work or operations that obstruct exits or the means of egress from an occupied building without the prior approval of EHS and the Project Manager/Coordinator. Equipment and materials are not to be stored in exits or exit stairwells at any time, and may not be stored in the means of egress without prior approval. Fire rated doors shall not be chocked or blocked open except temporarily and event of a building fire alarm or similar emergency.

Compressed gases shall be stored, used and transported in accordance of the NFPA, OSHA and DOT. New compressed gas installations shall comply with these agency requirements.

All tents, stages and temporary structures shall comply with the requirements of the NFPA.

Contractors shall not use College equipment or vehicles nor shall the Contractor allow college employees to use the Contractors' equipment or vehicles without the approval of Risk Management and EHS. If an employee of a Contractor needs to use specialized equipment owned by JJC, such as powered industrial trucks, the Contractor must provide suitable documentation that the employee has been trained and certified (if required) to use such equipment.

Specific Program Requirements

Non-capital Projects

Asbestos and Suspect Asbestos Containing Building Materials

It is the responsibility of the Contractor to provide his or her own asbestos awareness program which shall include, but is not limited to, the information contained in this section and the OSHA asbestos-related regulations (29 CFR 1926.1101). Verification that this training has been conducted shall be supplied to the college upon request.

Contractors employed by the college to perform building or facilities-related maintenance, repair or renovation shall be informed by the Project Coordinator of the location of suspect and known asbestos-containing materials (ACM) in the work area(s) to which they are assigned by one of the following means:

- The Project Coordinator shall provide the Contractor with a copy of a completed "Work Order Review Form" or an asbestos inspection report specific to their work and the materials that are to be distributed, or
- Where the construction documents for a project clearly detail asbestos material locations within the work area, these documents may serve in lieu of the "Work Order Review Form" or inspection report.

The "Work Order Review Form" is used internally at the College to document that the proposed scope of work has been reviewed for the presence of suspect or known ACM. The "Work Order Review Form" will be completed by either EHS or the individual within the Department approved by EHS to perform this review. Questions related to this issue should be addressed to EHS at (815) 280-2384. An asbestos inspection report may, at the discretion of the Contracting Department, be prepared by an asbestos consultant licensed in Illinois to perform the duties of Asbestos Inspector and Asbestos Management Planner, this report shall be copied to EHS upon receipt.

Contractors shall, under no circumstances, damage or disturb suspect or known *friable* ACM unless they are a licensed Illinois Asbestos Abatement Contractor and have been specifically employed to perform asbestos repair or removal. Contractors may remove *non-friable* ACM, or perform work that will potentially disturb non-friable ACM, only with prior approval by EHS of the Contractors proposed work methods, employee training and waste disposal site. If suspect asbestos materials are discovered during the course of the work, the Contractor shall stop work immediately and notify the Project Coordinator or other person as indicated in the contract documents.

The Contractor shall not proceed with any change in work which requires a material to be disturbed that the "Work Order Review Form", asbestos inspection report, or construction documents show has not previously been tested (e.g., "suspect" ACM). If a change in the scope of work becomes necessary, the revised scope of work shall be reviewed and pre-approved by EHS or other authorized person.

Asbestos materials may not be used or installed in College facilities.

Lead-Containing Building Materials

Contractors employed by the college to perform building or facilities-related maintenance, repair or renovation shall be informed by the Project Coordinator of the location of lead-containing building materials in the work area(s) to which they are assigned by one of the following means:

- The Project Coordinator shall provide the Contractor with a copy of the completed “Work Order Review Form” or a lead inspection report specific to their work and the materials that are to be disturbed, or
- Where the construction documents for a project clearly detail the location of lead-containing building materials within the work area, these documents may serve in lieu of the “Work Order Review Form” or inspection report.

The Project Coordinator may obtain information regarding the location of lead materials within a work site from the Department Safety Representative or by contacting EHS at (815) 280-2384. A lead inspection report may, at the discretion of the Contracting Department, be prepared by a lead consultant licensed in Illinois to perform the duties of Lead Inspector, this report shall be copied to EHS upon receipt. Contractors that will disturb lead-containing building materials during the course of work shall take all necessary precautions to protect college employees and the public from exposure to lead dust or contamination. These measures shall conform, at a minimum, to the OSHA requirements detailed in 29 CFR 1926.62 and applicable local, state and federal regulation. The Contractor shall submit a copy of his or her lead compliance program, as required by 29 CFR 1926.62(e), with required supporting documentation for prior review and approval to EHS. This submittal shall be made sufficiently in advance of construction to avoid delay of the project. Where the Contractor is engaged in work in child-occupied facilities (as defined by 40 CFR Part 745), such work shall be performed in accordance with 40 CFR Part 745, and clearance testing shall be performed by EHS or a licensed consultant at the conclusion of the project in accordance with the requirements of this regulation.

A copy of the analytical report(s) for any personal air samples taken during the course of the work shall be provided to EHS.

The Contractor shall not proceed with any change in work that requires a material be disturbed that the “Work Order Review Form”, lead inspection report, or construction documents shows has not previously been tested unless pre-approved work procedure will be followed.

On projects where lead-containing materials will be disturbed or removed during the course of work, the Project Designer shall contact EHS at (815) 280-2384 to determine disposal requirements. If the lead-containing materials will constitute a hazardous waste, disposal of these materials shall be coordinated with EHS. The disposal requirements must be established during the design of the project.

Confined Spaces

When the College arranges to have a Contractor perform work that involves entry into a confined space, the Project Coordinator shall:

- Inform the Contractor that the workplace contains confined spaces and that the entry is allowed only through compliance with a confined space program meeting the requirements set forth by the DOL and the OSHA.
- Apprise the Contractor of the elements, including the hazard(s) identified and the college's experience with the space.
- Apprise the Contractor of any precautions or procedures that the college has implemented for the protection of college employees in or near confined spaces where contractor personnel will be working.
- Coordinate entry operations with the Contractor when both College personnel and contractor personnel will be working in or near confined spaces.
- Debrief the Contractor at the conclusion of the entry operations regarding the confined space program followed and any hazards confronted or created in confined spaces during entry operations
- Provide a copy of JJC Confined Space Entry Program to the Contractor upon request.

Information on JJC Confined Space Program and information on specific confined spaces on JJC Properties may be obtained by contacting EHS at (815) 280-2384.

Each Contractor who is retained to perform work that will require permit space entry operations shall:

- Coordinate entry operations with the Project Coordinator when both the Contractor and College personnel will be working in or near permit spaces;
- Inform the Project Coordinator in writing of the permit space program the Contractor will follow;
- Inform the Project Coordinator of any hazards confronted or created in permit spaces during entry operations;
- Provide a copy of the Contractor's Confined Space Program to the College upon request;
- Inform the Project Coordinator in writing of the rescue services/team they will be using during permit entry; and
- Provide a copy of the canceled permit(s) to the Project Coordinator and EHS at the conclusion of entry operation.

Confined Spaces

The Contractor shall maintain, on-site, Material Safety Data Sheets (MSDS's) for all chemicals used or stored at his or her job site as required by IDOL/OSHA regulations and the contract documents. The Contractor shall provide copies of MSDS's to the Project Coordinator and EHS upon request.

Chemicals are used extensively on the JJC campus. Chemicals use and/or storage is routine in, but not limited to, the following areas or locations:

- Laboratories
- Fume hood exhausts on the roofs of laboratory buildings. (In general, signs have been posted on the roof access hatch or door restricting access to the roofs of buildings where fume hood exhausts are located).
- Chemical stock rooms.
- Agricultural Shops, Areas, and Chemical Storage.
- Chemical waste accumulation areas.
- Facility Services and Kitchen, paint and chemical storage areas.
- Custodial Closets.

The Project Coordinator shall inform the Contractor of the following:

- Known hazards and any required safety procedures that must be followed in the Contractor's work area.
- Methods for obtaining access to Material Safety Data Sheets (MSDS) for hazardous chemicals present in the Contractor's work area.
- Information about the labeling system used in the work area (NFPA 701).
- Emergency procedures that the Contractor is to follow in the event of accidental exposures or releases of hazardous chemicals.

If the work will be conducted on the roof of a building where fume hood exhausts are located, the Project Coordinator shall coordinate access with Facility Services, the departments within the building, and EHS, as necessary to ensure that:

- Fume hoods within, or adjacent to, the work area are shut down,
- No experiments are in-progress that would generate toxic or hazardous airborne contaminants;
- All chemicals stored within the fume hoods are capped or otherwise sealed; and
- The Contractor is informed of any special precautions that must be taken to prevent employee exposure to hazardous chemicals.

A minimum of seven days advance notice is generally required to coordinate fume hood shutdowns. In emergency situations (for example, when the Contractor's personnel must conduct work on, or in proximity to, active fume hood exhausts), the Contractor may access these roof areas if appropriate personal protective equipment is used. The Contractor shall be

informed in writing by the Project Coordinator of the precautions that should be taken to protect his or employees while conducting such work. This information may be obtained by contacting EHS at (815) 280-2384.

Given the number of chemicals used, and changing work within chemical laboratories, it is impractical for the college to provide the Contractor with a MSDS for any chemical potentially in-use within any given laboratory. However, MSDS's are required to be maintained and to be accessible to employees in each work area, and MSDS's for all chemicals may be obtained from Campus Police or EHS.

The Contractor shall assume that all hazardous chemicals or materials are handled and disposed of in accordance with federal and state regulations. Where a hazardous waste disposal manifest is required by these regulations, the Contractor shall contact EHS at (815) 280-2384 to assure that manifesting, storage, and the proposed disposal method and disposal site meet college and EPA requirements. The Contractor shall supply a copy of the completed waste manifest to EHS within 24 hours of receipt.

Where the Contractor has secured air samples documenting employee exposure to airborne chemical or particulate hazards during the course of his or her work, a copy of all air sample results shall be provided to EHS within 24-hours of receipt by the Contractor.

Electrical Safety and Lockout/Tagout

If College employees will be present on the Contractors worksite, and employees of either JJC and/or the Contractor will be performing work that requires the use of lockout and/or tagout devices, the following requirements shall apply:

- The Project Coordinator and Contractor shall inform each other of their respective lockout/tagout procedures.
- The Project Coordinator and Contractor shall each inform their personnel regarding the energy control procedures that are to be followed on the project site.
- A copy of JJC 's Electrical Safety and Lockout/Tagout programs shall be provided to the Contractor upon request.
- A copy of the Contractors electrical safety and lockout/tagout program shall be made available to the college upon request.

Trenching and Excavations

The Contractor shall coordinate trenching and excavation work with the Project Coordinator, Facility Services, and JULIE to assure the coordination of work and shutdown of utilities if necessary.

The design of sloping and benching systems, support systems, shield systems or other protective systems shall confirm, at a minimum, to the OSHA requirements detailed in 29 CFR 1926 Subpart P requirements.

Trenching or excavations below the level of the base or footing of any foundation or retaining wall, or adjacent to any utility, sidewalk or roadway, will not be permitted unless:

- A support system, such as underpinning, is provided to ensure the safety of employees and the stability of the structure, or
- The excavation is in stable rock, or
- A registered professional engineer has approved the determination that such excavation work will not pose a hazard to employees or the structure.

This determination is the responsibility of the Contractor except as permitted, required or otherwise allowed by the project specifications or drawings

The Contractor shall notify the Project Coordinator of the name of the individual that is to serve as the Contractor's competent person as defined by this program and the OSHA regulations. The Contractor's designated competent person shall maintain a written log of the daily inspections made of excavations, adjacent areas, and protective systems. A copy of this written log shall be made available to the college upon request.

Where the design of a sloping and benching system, support system, shield systems or other protective systems requires review and approval by a registered professional engineer, the Contractor shall submit a copy of the completed review to the Project Coordinator and EHS prior to the start of work.

Hot Work

Contractors performing hot work shall maintain a Hot Work Permit Program and employee-training program that meets the OSHA requirements found in 29 CFR 1926.352 and ANSI Z49.1-88 and NFPA 51B. Examples of hot work include, but are not limited to, use of open flames, compressed gasses or supplied fuel burning, brazing, cutting, grinding, soldering, thawing, pipe, torch applied roofing, and welding.

A copy of the canceled permit(s) shall be provided to the Project Coordinator and EHS after completion of the work.

Capital Projects

Asbestos and Suspect Asbestos Containing Building Materials

It is the responsibility of the Contractor to provide his or her own asbestos awareness program which shall include, but is not limited to, the information contained in this section and the OSHA asbestos-related regulations (29 CFR 1926.1101). Verification that this training has been conducted shall be supplied to the Architect/Engineer of record for the project and/or the college upon request.

The location of asbestos materials, where present within the jobsite, will be detailed in the construction documents for that project.

Asbestos materials may not be used or installed in College facilities.

Lead-containing Building Materials

The location of lead materials, where present, will be detailed in the construction documents for that project.

Contractors that will disturb lead-containing building materials during the course of work shall take all necessary precautions to protect college employees and the public from exposure to lead dust or contamination. These measures shall conform, at a minimum, to the OSHA requirements detailed in 29 CFR 1926.62 and applicable local, state and federal regulations related to health, safety, transportation and disposal.

Confined Spaces

Where the work of the Contractor involves entry into confined spaces, the Contractor shall perform such entry in accordance with the OSHA (e.g., 29 CFR 1926.20 and/or 1910.146) requirements. Where the work involves an existing college permit-required confined space, the Project Manager and/or Field Engineer shall coordinate with EHS to assure that:

- The Contractor is apprised of the elements, including the hazard(s) identified and the college's experience with the space, that make it a permit-required confined space.
- The Contractor is apprised of any precautions or procedures that the college has implemented for the protection of college employees in or near permit spaces where contractor personnel will be working.
- The Contractor is debriefed at the conclusion of the entry operations regarding the permit space program followed and any hazards confronted or created in permit spaces during entry operations.

The Contractor shall provide at least 24-hours advance notice to the Field Engineer when both college personnel and the Contractor's personnel will be working in or near permit-required confined spaces. The Field Engineer shall notify EHS at (815) 280-2384, and EHS shall assure that the college personnel have been informed of the precautions and procedures to be followed during entry operations. Under these circumstances the Contractor shall:

- Inform EHS of the permit space procedures the Contractor will follow;
- Inform EHS of any hazards confronted or created in permit spaces during entry operations.

Hazard Communication

SAFETY REQUIREMENTS FOR CONTRACTORS AND SUBCONTRACTORS

The Contractor shall maintain, on-site, Material Safety Data Sheets (MSDS's) for all chemicals used or stored at the job site as required by IDOL/OSHA regulations and the contract documents.

Chemicals are used extensively on the JJC campus. Chemical use is routine in, but not limited to, the following areas or locations:

- Laboratories.
- Fume hood exhausts on the roofs of laboratory buildings. (In general, signs have been posted on the roof access hatch or door restricting access to the roofs of buildings where fume-hood exhausts are located).
- Chemical stock rooms.
- Agricultural shop, areas, and chemical storage.
- Chemical waste accumulation areas.
- Facility Services and Residential and Dining Programs paint and chemical storage areas.
- Custodial closets.

Where necessitated by the work, the Field Engineer and/or Project Manager shall coordinate with EHS to assure that the Contractor is informed of the following:

- Known hazards and any required safety procedures that must be followed in the Contractor's work area.
- Methods for obtaining access to Material Safety Data Sheets (MSDS) for hazardous chemicals present in the Contractor's work area.
- Information about the labeling system used in the work area (NFPA 701).
- Emergency procedures that the Contractor is to follow in the event of accidental exposures or releases of hazardous chemicals.

If work will be conducted on the roof of a building, where fume hood exhausts are located, the Field Engineer shall coordinate access with Facility Services, the departments within the building and EHS as necessary to ensure that:

- Fume hoods within, or adjacent to, the work area are shut down,
- No experiments are in-progress that would generate toxic or hazardous airborne contaminants;
- All chemicals stored within the fume hoods are capped or otherwise sealed; and,
- The Contractor is informed of any special precautions that must be taken to prevent employee exposure to hazardous chemicals.

A minimum of seven days advance notice is generally required to coordinate fume hood shutdowns. In emergency situations (for example, when the Contractor's personnel must conduct work on, or in proximity to, active fume hood exhausts), the Contractor may access these roof areas if appropriate personal protective equipment is used. The Contractor shall be informed in writing by EHS of the precautions that should be taken to protect his or her

employees while conducting such work. The Field Engineer may request this information by contacting EHS at (815) 280-2384.

Given the number of chemicals used, and changing work within chemical laboratories, it is impractical for the college to provide the Contractor with a MSDS for any chemical potentially in-use within any given laboratory. However, MSDS's are required to be maintained and to be accessible to employees in each work area, and MSDS's for all chemicals may be obtained from EHS.

The Contractor shall assure that all hazardous chemicals or materials are handled and disposed of in accordance with federal and state regulations and the contract requirements.

Electrical Safety and Lockout/Tagout

If college employees will be present on the Contractors worksite, and employees of either JJC and/or the Contractor will be performing work that requires the use of lockout and/or tagout devices, the following requirements shall apply:

- The EHS representative and the Contractor shall inform each other of their respective lockout/tagout procedures.
- The Project Manager and/or Field Engineer will coordinate with the EHS representative to assure that college personnel understand the energy control procedures that are to be followed in the project site.
- The Contractor shall assure that his/her personnel understand the energy control procedures that are to be followed on the project site.
- A copy of JJC's Electrical Safety and Lockout/Tagout programs shall be provided to the Contractor upon request.
- A copy of the Contractors electrical safety and lockout/tagout procedures shall be made available to the college upon request.

Trenching and Excavations

The Contractor shall coordinate trenching and excavation work with the Project Manager and/or Field Engineer and JULIE to assure the coordination of work and shutdown of utilities as necessary.

The design of sloping and benching systems, support systems, shield systems or other protective systems shall conform, at a minimum, to the OSHA requirements detailed in 29 CFR 1926 Subpart P, and the requirements of the contract.

Hot Work

Contractors performing hot work shall maintain a Hot Work Permit Program and employee-training program that meets the OSHA requirements found in 29 CFR 1926.352 and ANSI Z49.1-88 and NFPA 51B. Examples of hot work include, but are not limited to, use of open

flames, compressed gases or supplied fuel burning, brazing, cutting, grinding, soldering, thawing pipe, torch applied roofing, and welding.

Agencies/Firms With No Contractual Relationship with JJC

All agencies/firms conducting work on JJC property shall comply with the requirements of NFPA, EPA, DOL, OSHA and this program, even where no formal contractual relationship exists between JJC and the agency/firm. The agency/firm shall maintain appropriate insurance, including general liability, auto liability, and workers compensation insurance. Verification of insurance shall be coordinated with JJC's Director of Risk Management, who may be reached at (815) 280-2325, prior to the start of work. Such agencies/firms shall not, without prior written approval of EHS:

- Use a product(s) or material(s) that has a permissible exposure limit (PEL) established by OSHA.
- Perform work on JJC property that may damage or disturb known or suspect asbestos materials,
- Perform work on JJC property that may damage or disturb known or suspect lead-containing materials,
- Perform work on JJC property that involves entry into a permit-required confined space,
- Perform work on any electrical system or utility,
- Construct nor enter excavations, nor
- Perform hot work.

Work Site Inspections

Non-capital Projects

Work site inspections may be conducted by EHS or other designated college personnel. These inspections are conducted solely for the benefit of the college, and shall not relieve the contractor of responsibility for enforcement of, and compliance with, OSHA, NFPA or EPA regulations.

In the event that work site conditions exist that potentially impact the safety of college employees, students, or the public, the college inspector shall issue a verbal or written warning to the Contractor and shall notify the Project Coordinator. If the unsafe conditions cannot be immediately corrected and represent a danger or have a potential to harm college employees, students or the public, then the college inspector will:

- Detail the NFPA, EPA or OSHA violations that were noted, and explain the potential impact upon college employees, students or the public,
- Require that the Project Coordinator have the Contractor either stop work or implement measures to isolate the hazardous condition until the unsafe condition can be mitigated,
- Issue a formal written report of the violation(s) to the Contractor. This report shall be copied to the Project Coordinator.

Reports of deficiencies may be factored into the evaluation of the contract by the college, and may be included in a vendor complaint file that is available for review by other state agencies. Repeat safety violations of a similar nature and/or a single serious willful safety violation by a Contractor may warrant review and termination of the contract.

Capital Projects

Work site inspections may be conducted by EHS or other designated college representatives. Such inspections shall be coordinated with the Field Engineer and/or Project Manager. These inspections are conducted solely for the benefit of college personnel who may be working on the site and shall not relieve the contractor of responsibility for enforcement of, and compliance with NFPA, EPA, and OSHA regulations.

In the event that work site conditions exist that potentially impact the safety of college employees or the public, EHS shall notify the college Field Engineer and the Contractor of the hazard, and will assure that other college personnel present on-site are warned to avoid the area of the hazardous condition. The Contractor shall take prompt action to correct the hazardous condition. If the hazardous condition cannot be immediately corrected, the Contractor shall take effective steps to isolate the hazardous condition and/or shall stop work that is causing the hazardous condition until the hazard can be mitigated.

In the event that work site conditions exist that present an immediate safety hazard for the Contractors personnel, EHS may, as a courtesy, notify the Field Engineer and the Contractor of the hazardous condition. The Contractor shall take prompt action to correct the hazardous condition as required by the *General Conditions of the Construction Contract*.

Agencies/Firms Where No Formal Contractual Relationship Exists

When hazardous condition are identified by EHS related to work performed by agencies/firms conducting work on JJC property where no formal contractual relationship exists between JJC and the agency/firm, the hazardous condition shall be immediately corrected. If the hazardous condition cannot be immediately corrected, the agency/firm shall stop work and shall take effective steps to isolate the hazardous condition from personnel and the public. Repeat safety violations of a similar nature or willful disregard for the NFPA, EPA or OSHA requirements or the requirements outlined in this program will result in immediate removal from JJC property.

Definitions

Capital Project: A capital project is one whose total project cost exceeds \$500,000.

Competent Person: As related to excavation, trenching or shoring work, the Contractor's "competent person" means one who is capable of identifying existing and predictable hazards in the surroundings, or working conditions which are unsanitary, hazardous or dangerous to employees, and who has authorization to take prompt corrective measures to eliminate them.

Confined Space: A confined space is a space that is large enough for a person to enter, that has limited means for entry or exit, and that is not designed for continuous occupancy. Example include tanks, silos, storage bins or hopper, utility vaults and pits.

Contracting Department: The Department at the college that has contracted for work to be performed by a Contractor. In regards to agencies/firms conducting work on JJC property, where no formal contractual relationship exists between JJC and the agency/firm, the department that is coordinating or approving the work of the agency/firm is the Contracting Department.

Contractor: An entity or agency employed by the college to perform the installation or maintenance of equipment or the renovation or construction of a building, room or space on college property, or that provides services to the college on college property including, but not limited to, vending, supplies, erection of tents and other services.

Field Engineer: The representative from JJC's Facility Services department that oversees capital construction and/or renovation activities.

Friable Asbestos: An asbestos material that is capable of being reduced to powder by hand pressure when dry, or a nonfriable asbestos material that is subject to grinding, sanding, cutting or abrading or that is otherwise rendered by mechanical means.

Lockout/Tagout: A program used to ensure that employees are protected from sources of potentially hazardous energy. The program requires that hazardous energy sources be identified and locked and/or tagged-out before work is done on the system(s).

Permit-required confined space: A permit-required confined space is a confined space that contains potential or known safety hazards that must be dealt with prior to or during entry to assure the safety of those employees performing the work.

Project Coordinator: The individual(s) within a Department that has been assigned duties related to oversight or coordination of work performed by a Contractor as defined in this program.

Project Manager: The representative from JJC's Facility Services department that coordinates the work of the Field Engineer and the Architect/Engineer related to capital construction and/or renovation projects.

Serious, willful safety violation: “Serious, willful safety violation” is defined, for the purposes of this program, as a work activity with a substantial probability that death or serious physical harm could result and where the hazard was known or should have been known, but where the work activity was continued regardless of the existence of the safety hazard.

Prevailing Wage rates for Will County effective Sept. 1, 2017												
Trade Title	Region	Type	Class	Base Wage	Fore-man Wage	M-F OT	OSA	OSH	H/W	Pension	Vacation	Training
ASBESTOS ABT-GEN	ALL	ALL		41.20	42.20	1.5	1.5	2	14.65	12.32	0.00	0.50
ASBESTOS ABT-MEC	ALL	BLD		37.88	40.38	1.5	1.5	2	12.12	11.70	0.00	0.72
BOILERMAKER	ALL	BLD		48.49	52.86	2	2	2	6.97	19.61	0.00	0.90
BRICK MASON	ALL	BLD		45.38	49.92	1.5	1.5	2	10.45	16.68	0.00	0.90
CARPENTER	ALL	ALL		46.35	50.99	2	2	2	11.99	20.95	0.00	0.63
CEMENT MASON	ALL	ALL		42.00	44.00	2	1.5	2	10.00	23.97	0.00	0.50
CERAMIC TILE FNSHER	ALL	BLD		38.56	38.56	1.5	1.5	2	10.65	11.18	0.00	0.68
COMMUNICATION TECH	ALL	BLD		34.50	36.00	1.5	1.5	2	14.62	12.69	1.50	0.72
ELECTRIC PWR EQMT OP	ALL	ALL		50.50	55.50	1.5	1.5	2	11.69	16.69	0.00	3.12
ELECTRIC PWR GRNDMAN	ALL	ALL		39.39	55.50	1.5	1.5	2	9.12	13.02	0.00	2.43
ELECTRIC PWR LINEMAN	ALL	ALL		50.50	55.50	1.5	1.5	2	11.69	16.69	0.00	3.12
ELECTRICIAN	ALL	BLD		42.50	46.33	1.5	1.5	2	15.47	17.44	3.50	1.20
ELEVATOR CONSTRUCTOR	ALL	BLD		51.94	58.43	2	2	2	14.43	14.96	4.16	0.90
GLAZIER	ALL	BLD		42.45	43.95	1.5	1.5	2	14.04	20.14	0.00	0.94
HT/FROST INSULATOR	ALL	BLD		50.50	53.00	1.5	1.5	2	12.12	12.96	0.00	0.72
IRON WORKER	ALL	ALL		42.50	46.75	2	2	2	11.26	24.59	0.00	0.85
LABORER	ALL	ALL		41.20	41.95	1.5	1.5	2	14.65	12.32	0.00	0.50
LATHER	ALL	ALL		46.35	50.99	2	2	2	11.99	20.95	0.00	0.63
MACHINIST	ALL	BLD		45.35	47.85	1.5	1.5	2	7.26	8.95	1.85	0.00
MARBLE FINISHERS	ALL	ALL		33.95	33.95	1.5	1.5	2	10.45	15.52	0.00	0.47
MARBLE MASON	ALL	BLD		44.63	49.09	1.5	1.5	2	10.45	16.28	0.00	0.59
MATERIAL TESTER I	ALL	ALL		31.20	31.20	1.5	1.5	2	14.65	12.32	0.00	0.50
MATERIALS TESTER II	ALL	ALL		36.20	36.20	1.5	1.5	2	14.65	12.32	0.00	0.50

MILLWRIGHT	ALL	ALL		46.35	50.99	2	2	2	11.99	20.95	0.00	0.63
OPERATING ENGINEER	ALL	BLD	1	50.10	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	2	48.80	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	3	46.25	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	4	44.50	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	5	53.85	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	6	51.10	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	7	53.10	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	FLT	1	55.90	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	FLT	2	54.40	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	FLT	3	48.40	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	FLT	4	40.25	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	FLT	5	57.40	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	FLT	6	38.00	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	HWY	1	48.30	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	2	47.75	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	3	45.70	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	4	44.30	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	5	43.10	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	6	51.30	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	7	49.30	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
PAINTER	ALL	ALL		45.55	51.24	1.5	1.5	1.5	11.56	11.44	0.00	1.87
PAINTER SIGNS	ALL	BLD		37.45	42.05	1.5	1.5	2	2.60	3.18	0.00	0.00
PILEDRIIVER	ALL	ALL		46.35	50.99	2	2	2	11.99	20.95	0.00	0.63
PIPEFITTER	ALL	BLD		47.50	50.50	1.5	1.5	2	9.55	17.85	0.00	2.07
PLASTERER	ALL	BLD		42.75	45.31	1.5	1.5	2	14.00	15.71	0.00	0.89
PLUMBER	ALL	BLD		49.25	52.20	1.5	1.5	2	14.34	13.35	0.00	1.28
ROOFER	ALL	BLD		42.30	45.30	1.5	1.5	2	9.08	12.14	0.00	0.58
SHEETMETAL WORKER	ALL	BLD		45.77	47.77	1.5	1.5	2	10.65	14.10	0.00	0.82
SPRINKLER FITTER	ALL	BLD		47.20	49.20	1.5	1.5	2	12.25	11.55	0.00	0.55
STONE MASON	ALL	BLD		45.38	49.92	1.5	1.5	2	10.45	16.68	0.00	0.90

TERRAZZO FINISHER	ALL	BLD		40.54	40.54	1.5	1.5	2	10.65	12.76	0.00	0.73
TERRAZZO MASON	ALL	BLD		44.38	47.88	1.5	1.5	2	10.65	14.15	0.00	0.82
TILE MASON	ALL	BLD		45.49	49.49	1.5	1.5	2	10.65	13.88	0.00	0.86
TRAFFIC SAFETY WRKR	ALL	HWY		33.50	35.10	1.5	1.5	2	8.25	5.50	0.00	0.25
TRUCK DRIVER	ALL	ALL	1	37.91	38.46	1.5	1.5	2	8.10	7.97	0.00	0.15
TRUCK DRIVER	ALL	ALL	2	38.06	38.46	1.5	1.5	2	8.10	7.97	0.00	0.15
TRUCK DRIVER	ALL	ALL	3	38.26	38.46	1.5	1.5	2	8.10	7.97	0.00	0.15
TRUCK DRIVER	ALL	ALL	4	38.46	38.46	1.5	1.5	2	8.10	7.97	0.00	0.15
TUCKPOINTER	ALL	BLD		45.42	46.42	1.5	1.5	2	8.32	15.42	0.00	0.80

Legend

M-F OT Unless otherwise noted, OT pay is required for any hour greater than 8 worked each day, Mon through Fri. The number listed is the multiple of the base wage.

OSA Overtime pay required for every hour worked on Saturdays

OSH Overtime pay required for every hour worked on Sundays and Holidays

H/W Health/Welfare benefit

Explanations WILL COUNTY

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date.

ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS TECHNICIAN

Installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice, sound and vision production and reproduction, telephone and telephone interconnect, facsimile, equipment and appliances used for domestic, commercial, educational and entertainment purposes, pulling of wire through conduit but not the installation of conduit.

MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble, holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under; Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Bobcats and/or other Skid Steer Loaders; Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines; ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types; Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges; Elevators, Outside type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Heavy Duty Self-Propelled Transporter or Prime Mover; Hydraulic Backhoes; Backhoes with shear attachments up to 40' of boom reach; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Traffic Barrier Transfer Machine; Trenching; Truck Mounted Concrete Pump with

Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; Hydro Excavating (excluding hose work); Laser Screed; All Locomotives, Dinky; Off-Road Hauling Units (including articulating) Non Self-Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.

Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. SkidSteer Loader (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Dowell Machine with Air Compressor; Gradall and machines of like nature.

OPERATING ENGINEER - FLOATING

Class 1. Craft Foreman; Master Mechanic; Diver/Wet Tender; Engineer; Engineer (Hydraulic Dredge).

Class 2. Crane/Backhoe Operator; Boat Operator with towing endorsement; Mechanic/Welder; Assistant Engineer (Hydraulic Dredge); Leverman (Hydraulic Dredge); Diver Tender.

Class 3. Deck Equipment Operator, Machineryman, Maintenance of Crane (over 50 ton capacity) or Backhoe (115,000 lbs. or more); Tug/Launch Operator; Loader/Dozer and like equipment on Barge, Breakwater Wall, Slip/Dock, or Scow, Deck Machinery, etc.

Class 4. Deck Equipment Operator, Machineryman/Fireman (4 Equipment Units or More); Off Road Trucks; Deck Hand, Tug Engineer, Crane Maintenance (50 Ton Capacity and Under) or Backhoe Weighing (115,000 pounds or less); Assistant Tug Operator.

Class 5. Friction or Lattice Boom Cranes.

Class 6. ROV Pilot, ROV Tender

TRAFFIC SAFETY - work associated with barricades, horses and drums used to reduce lane usage on highway work, the installation and removal of temporary lane markings, and the installation and removal of temporary road signs.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled Dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnatrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector II".

CERTIFICATION OF CONTRACT/BIDDER

The below signed contractor/bidder hereby certifies that it is not barred from bidding on this or any other contract due to any violation of either Section 33E-3 or 33E-4 of Article 33E, Public Contracts, of the Illinois Criminal Code of 1961, as amended. This certification is required by Public Act 85-1295. This Act relates to interference with public contracting, bid rigging and rotating, kickbacks and bribery.

SIGNATURE OF CONTRACTOR/BIDDER

TITLE

DATE

THIS FORM **MUST** BE RETURNED WITH YOUR BID TO:

Joliet Junior College District #525
Office of Facility Services
Main Campus L Building, L1005
1215 Houbolt Road
Joliet, IL 60431-8938

CERTIFICATE OF COMPLIANCE WITH
ILLINOIS DRUG-FREE WORKPLACE ACT

_____, does hereby certify pursuant to the *Illinois Drug-Free Workplace Act* (30 ILCS 580/) 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 _____, 20__.

 NOTARY PUBLIC

Joliet Junior College
Natural Areas Restoration Maintenance
Fiscal Years 2019 - 2021
REQUEST FOR BID

MULTI-YEAR CONTRACT WITH YEARLY OPTION FOR RENEWAL

Bidders shall present a bid covering lump sum prices for three fiscal years starting July 1, 2018 and ending June 30, 2021. Bidders shall present lump sum prices for items/tasks being bid for each fiscal year as noted. Prices for all three fiscal year tasks will be summed for the final bid amount. The final bid amount for all three fiscal years will be used, along with qualifications to determine the successful bidder. Successful bidder shall complete work for Fiscal Year 2019, and depending on performance, shall have the contract renewed for the succeeding Fiscal Year, and then renewed again for the third Fiscal Year, upon mutual acceptance, to full contract completion on **June 30, 2021**.

BID FORM

To: Joliet Junior College
 1215 Houbolt Road
 Joliet, IL 60431-8938

Project: **Natural Areas Restoration Maintenance**

Date: _____

Submitted by: _____

 (Full Name)

 (Address)

 (City, State, Zip)

 (Phone)

 (Fax)

 (Email)

PART 1: OFFER

Having examined the site and having familiarized itself with the conditions affecting the cost of the work associated with the Natural Areas Maintenance, and with the bidding documents, Bidder hereby proposes to perform everything required and to furnish all labor, materials, necessary tools, expendable equipment and transportation services necessary to complete, in a workmanlike manner, the subdivision of work stated above in accordance with the bidding documents for the following sums:

A. TOTAL: BASE BID.

Bidder shall submit a Lump Sum price for the item or items being bid, (Summation of all 3 years from price schedule Item C, # 2, Base Bid Amounts by Fiscal Year), which are the extension of the unit costs multiplied by the quantities as noted or remarked.

_____ Dollars
 (numeric)

(\$ _____) *In case of discrepancy the lesser amount shown will govern.* Bidder has included herewith, the Security Deposit as required by the Instructions to Bidders.

B. TOTAL: BASE BID + ALTERNATE BID.

Bidder shall submit a Lump Sum price for the item or items being bid, (Summation of all 3 years from price schedule Item # _3_ Bid Amount + Alternate Bid by Year), which are the extension of the unit costs multiplied by the quantities as noted or remarked.

_____ Dollars
(numeric)

(\$ _____) *In case of discrepancy the lesser amount shown will govern.* We have included herewith, the Security Deposit as required by the Instructions to Bidders.

C. PRICE SCHEDULE:

Proposal will be based on a lump sum bid based on unit prices for defined tasks premised on stated acreages for various landscape restoration zones. Unit and Lump Sum pricing for specific tasks as specified shall conform to the following:

(a) UNIT PRICE: Payment will be based on actual quantities of work performed in accordance with the Contract, at the Contract unit prices specified. No allowance will be made for any change in anticipated profits due to an increase or decrease in the original estimate of quantities. The Owner reserves the right to omit any item entirely, or to increase or decrease any or all items as noted.

(b) LUMP SUM BID: Bidder shall submit a Lump Sum price for the item or items being bid.

Bidders shall provide unit pricing for tasks and summation totals based on unit costs multiplied by the given quantity. Some treatments may not be applicable to all zones, or only partially applicable.

1. UNIT PRICING: INTER-SEEDING

#	ITEM DESCRIPTION (see specifications)	UNIT	UNIT \$
1	Mesic Prairie Seed Mix	AC	\$
2	Savanna/Prairie Seed Mix	AC	\$
3	Wet Prairie Seed Mix	AC	\$
4	Woodland Seed Mix	AC	\$
5	Transition Seed Mix	AC	\$
6	Erosion Control/Mulch Blanket	SF	\$
7	Wildlife Fencing (per 2.7, Seeding Specifications)	LF	\$

2. SUMMARY: BASE BID AMOUNTS BY FISCAL YEAR

(Summation of Item # Totals by fiscal year, which are the extension of the unit costs multiplied by the quantities as noted or remarked).

#	ITEM	\$	WRITTEN DESCRIPTION
1	Year One		Dollars
2	Year Two		Dollars
3	Year Three		Dollars

3. SUMMARY: BASE + ALTERNATE BID AMOUNTS BY FISCAL YEAR

(Summation of Item # Totals by fiscal year, which are the extension of the unit costs multiplied by the quantities as noted or remarked).

#	ITEM	\$\$	WRITTEN DESCRIPTION
1	Year One		Dollars
2	Year Two		Dollars
3	Year Three		Dollars

4. BASE BID AMOUNTS BY TASKS

#	BASE BID	QTY	UNIT	UNIT \$	TOTALS
1	FY 2019 Spot Herbicide/Selective Mow Herbaceous/Woody Material - All Zones Except Zones D1, D2, D3.	68	AC	\$	\$
2	FY 2019 Prescribed Burn Zones G2, H, I, J.	20	AC	\$	\$
3	FY 2019 Seed Zone J – Savanna/Prairie Seed Mix	7	AC	\$	\$
4	FY 2019 Monthly/Annual Reports, Meetings	1	LS	\$	\$
5	FY 2020 Spot Herbicide/Selective Mow Herbaceous/Woody Material - All Zones Except Zones D1, D2, D3.	68	AC	\$	\$
6	FY 2020 Prescribed Burn Zones A, B, C, E, F, G1.	42	AC	\$	\$
7	FY 2020 Seed – Mesic Prairie	5	AC	\$	\$
8	FY 2020 Monthly/Annual Reports, Meetings	1	LS	\$	\$
9	FY 2021 Spot Herbicide/Selective Mow Herbaceous/Woody Material - All Zones Except Zones D1, D2, D3.	68	AC	\$	\$
10	FY 2021 Prescribed Burn Zones D2, D3, H, I, J, K.	23.5	AC	\$	\$
11	FY 2021 Seed – Mesic Prairie Seed Mix	5	AC	\$	\$
12	FY 2021 Monthly/Annual Reports, Meetings	1	LS	\$	\$
	BASE BID TOTAL				\$

5. PRIORITIZED ALTERNATE BID AMOUNTS BY TASKS*

** - College may elect to accept one or more of the following tasks in the prioritized order noted for each fiscal year.*

#	ALTERNATE BID	QTY	UNIT	UNIT \$	TOTALS
1	FY 2019 Spot Herbicide/Selective Mow Herbaceous/Woody Material - Zones D2 and D3	4.5	AC	\$	\$
2	FY 2019 Spot Herbicide/Selective Mow Herbaceous/Woody Material - Zone D1.	16	AC	\$	\$
1	FY 2020 Spot Herbicide/Selective Mow Herbaceous/Woody Material - Zones D2 and D3	4.5	AC	\$	\$
2	FY 2020 Spot Herbicide/Selective Mow Herbaceous/Woody Material - Zone D1.	16	AC	\$	\$
1	FY 2021 Spot Herbicide/Selective Mow Herbaceous/Woody Material - Zones D2 and D3	4.5	AC	\$	\$
2	FY 2021 Spot Herbicide/Selective Mow Herbaceous/Woody Material - Zone D1.	16	AC	\$	\$
	ALTERNATE BID TOTAL				\$

PART 2 ACCEPTANCE

This offer shall be open to acceptance and is irrevocable for thirty (30) days from the Bid closing date.

If the bid is accepted by the Owner within the time period stated above, we will:

- A. Execute the Agreement within ten (10) days of receipt of Notice of Award.
- B. Furnish the required bonds within ten (10) days of receipt of Notice of Award in the form described in the Instruction to Bidders.
- C. Furnish the required Certificate of Insurance within ten (10) days of receipt of Notice of Award in the form and amounts described in the Instruction to Bidders.
- D. Commence work as established by the written Notice to Proceed.

If this Bid is accepted within the time stated, and we fail to commence the Work or we fail to provide the required Bonds(s), the Security Deposit shall be forfeited as damages to the Owner by reason of our failures.

In the event our Bid is not accepted within the time stated above, the required security deposit shall be returned to the undersigned, in accordance with the provisions of the Instructions to Bidders; unless a mutually satisfactory arrangement is made for its retention and validity for an extended period of time.

PART 3 CONTRACT TIME

If the Bid is accepted, we will:

- A. Complete the work in manner consistent to meet the requirements of the schedule (_____) consecutive calendar days from the date established as the Date of Commencement in the Notice to Proceed.
- B. Contractor has examined the Schedule included in these documents and takes no exception, or records the following exceptions:

PART 4 CONTRACTOR'S FEES FOR CHANGES IN THE WORK

Lump Sum of Time and Materials Changes: We the undersigned bidder agree that the following percentages for overhead and profit shall be added to job costs for the net amount of work added to or deleted from the contract by written lump sum or time and material change orders recommended by the Engineer and approved by the Owner:

Add to net extra for job costs for additional work performed by:

Our own forces 12%

Our subcontractor 5% (including assigned subcontractors)

Note: Insurance, bond, and taxes are considered as job cost items and are not included in the percentages listed above.

PART 5 ADDENDA

The following Addenda have been received. The modifications to the Bid Documents noted therein have been considered and all costs thereto are included in the Bid Sum.

Addendum # _____ Dated _____

Addendum # _____ Dated _____

Addendum # _____ Dated _____

PART 6 SUBCONTRACTORS

- A. The following work will be performed (or provided) by the Subcontractors we have indicated below:

	<u>Name of Subcontractor</u>	<u>Work Performed</u>
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____

- B. We understand, and hereby agree, that we are obligated to use the indicated subcontractors, unless prior written permission to change has been obtained from the Owner.

PART 7 RELATED WORK EXPERIENCE

List a minimum of three jobs of similar type and scope performed in the last five years:

1. Client: _____
 Building: _____
 Phone: _____
 Contact Name: _____
 Dollar Amount: _____

2. Client: _____
 Building: _____
 Phone: _____
 Contact Name: _____
 Dollar Amount: _____

3. Client: _____

Building: _____

Phone: _____

Contact Name: _____

Dollar Amount: _____

PART 8 CONTRACTOR EVALUATION

Upon completion of the project, a Construction Contractor Performance Evaluation form will be completed by the A/E and the JJC Project Coordinator. The contractor will be evaluated in the following categories:

- Professionally Administered and Supervised Work
- Business Practices
- Overall Performance
- Workmanship
- Timeliness
- Project Management

PART 9 BID FORM SIGNATURES(S)

The Corporate Seal of:

(Bidder – please print the full name of your Proprietorship, Partnership, or Corporation)

Was hereunto affixed in the presence of:

(Authorized signing officer)

(Title)

(Seal)

(Authorized signing officer)

(Title)

If the bid is a joint venture or partnership, add additional forms of execution for each member of the joint venture in the appropriate form or forms as above.

END OF SECTION