

**Local Public Agency
Formal Contract Proposal**

PROPOSAL SUBMITTED BY		
Contractor's Name		
Street	P.O. Box	
City	State	Zip Code

STATE OF ILLINOIS

COUNTY OF DeKalb

 (Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF
 STREET NAME OR ROUTE NO. _____
 SECTION NO. 2018 Equipment Storage Building
 TYPES OF FUNDS Local

SPECIFICATIONS (required)

PLANS (required)

For Municipal Projects
 Submitted/Approved/Passed

Mayor President of Board of Trustees Municipal Official

Date

Department of Transportation

Released for bid based on limited review

 Regional Engineer

Date

For County and Road District Projects
 Submitted/Approved

 Highway Commissioner

Date

[Signature]
 Submitted/Approved

 County Engineer/Superintendent of Highways

3/19/2018
 Date

Note: All proposal documents, including Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed.

INVITATION FOR BIDS

WORK IDENTIFIED IN CONTRACT DOCUMENTS

Work of proposed Contract comprises site improvements associated with the construction of the new equipment storage building including the general construction for the erection of a metal building 216' x 72', including structural, mechanical, electrical, and other associated work. Bids on two options are being requested: a wood truss building and a steel truss building.

Location: 1826 Barber Greene Road, DeKalb, Illinois.

CONTRACT TIME

The contract shall be completed by September 28, 2018. The contractor may coordinate construction start time with the Owner.

AVAILABILITY OF DOCUMENTS

Copies of the Contract Documents shall be obtained electronically in PDF format from the DeKalb County Highway Department website at <http://dekalbcounty.org/Highway/bids/18/0404.html>.

Contractor shall be required to become "Authorized to Bid" by following the instructions on the website. Contractor shall not be required to be prequalified with IDOT, and will not be required to provide an IDOT Certificate of Eligibility.

ADDENDA

Addenda may be issued during bidding period. Addenda will be sent to authorized Bidders. Addenda become part of the Contract Documents. Include resultant costs in the Bid Sum.

PREVAILING WAGES

All wages paid by the Contractor and each subcontractor shall be in compliance with The Prevailing Wage Act (820 ILCS 130), as amended, except where a prevailing wage violates a federal law, order, or ruling, the rate conforming to the federal law, order, or ruling shall govern.

The Illinois Department of Labor publishes the prevailing wage rates on its website at <https://www.illinois.gov/idol/Laws-Rules/CONMED/Pages/Rates.aspx>. If the Illinois Department of Labor revises the prevailing wage rates, the revised prevailing wage rates on the Illinois Department of Labor's website shall apply to this contract and the Contractor will not be allowed additional compensation on account of said revisions.

The Contractor shall review the wage rates applicable to the work of the contract at regular intervals in order to ensure the timely payment of current wage rates. The Contractor agrees that no additional notice is required. The Contractor shall be responsible to notify each subcontractor of the wage rates set forth in this contract and any revisions thereto.

Prevailing wage rates at the time of bidding are included, for reference.

BIDDER QUALIFICATIONS

To demonstrate qualification for performing the Work of this Contract, prior to bid authorization, Bidders will be required to submit written evidence of financial position, previous experience, current commitments, and license to perform work in the State Illinois. **The Statement of Bidder's Qualifications shall be received by the DeKalb County Highway Department, 1826 Barber Greene Road, DeKalb, Illinois by 10:00 a.m. on April 4, 2018 or the Bidder shall not be authorized to bid.**

SUBMISSION PROCEDURE

Bidders shall be solely responsible for delivery of Bids in manner and time prescribed.

Instructions to Bidders: Submit executed offer on Bid Forms provided, signed and sealed in a closed opaque envelope, clearly identified with Bidder's name, Project name, and Owner's name on the outside.

Double Envelope: Insert closed and sealed Bid Form envelope plus requested security deposit in a large opaque envelope and label this envelope the same as noted above.

Improperly completed information, irregularities in security deposit, may be cause not to open the Bid Form envelope and declare the Bid invalid or informal.

All bids shall be publically opened and read aloud. A tabulation of submitted Bids will be made available to all Bidders following bid opening at dekalbcounty.org.

BID INELIGIBILITY

Bids that are unsigned, improperly signed or sealed, conditional, illegible, obscure, contain arithmetical errors, erasures, alterations, or irregularities of any kind, may be declared unacceptable at Owner's discretion.

Bid Forms, Appendices, and enclosures which are improperly prepared may be declared unacceptable at Owner's discretion.

Failure to provide security deposit, bonds or insurance requirements may invalidate the Bid at the discretion of the Owner.

SECURITY DEPOSIT / BID GUARANTY

Bids shall be accompanied by Security/Bid Guaranty deposit as follows:

1. Bid Bond of a sum no less than 5 percent of the Bid Sum on standard surety company form.
2. Certified checks or Cash will not be accepted.

Endorse Bid Bond in name of the Owner as obligee, signed and sealed by the principal Contractor and surety.

Include the cost of security deposit in the Bid Sum.

After a Bid has been accepted, security deposits will be returned to the respective Bidders.

If no contract is awarded, all security deposits will be returned.

PERFORMANCE ASSURANCE

Accepted Bidder shall be required to provide a Performance and Payment bonds in the full amount of the Contract.

INSURANCE

The CONTRACTOR shall not commence work under the contract until all insurance has been obtained. Certificates of insurance showing coverage as required to be in effect will be filed with the OWNER at the time of entering into the contract. Certificates of insurance will be on Accord Forms and shall provide thirty (30) days notice of cancellation. The certificates will be signed by the insurance companies or their authorized agents. The insurance companies must be authorized to do business in the State of Illinois, and carry an "A.M. Best" rating of AX or better.

The CONTRACTOR shall maintain in force the coverage's required in this section for the term of the contract. Also, the CONTRACTOR shall not allow any SUBCONTRACTOR to commence work on any portion of the project without evidence that the SUBCONTRACTOR has insurance coverage equal to the coverage's required in this section.

The minimum amounts of insurance shall be as follows:

AUTOMOBILE

Including coverage for owned, non-owned, and hired automobiles.

1. \$1,000,000 Bodily Injury per Person
2. \$1,000,000 Bodily Injury per Occurrence
3. \$1,000,000 Property Damage per Occurrence
4. OR \$1,000,000 Combined Single Limit

WORKER'S COMPENSATION – STATUTORY EMPLOYER'S LIABILITY

1. \$500,000 Disease - each employee
2. \$500,000 Disease - policy limit
3. \$500,000 Each Accident

COMMERCIAL GENERAL LIABILITY

Policy shall include coverage for bodily injury and property damage arising out of an occurrence and shall include:

- Premises and Operations
- Products/Completed Operations
- Personal and Advertising Injury
- Contractual Liability
- X,C,U Coverage
- Per Project Aggregate Endorsement

Additional Insureds – OWNER

1. \$2,000,000 General Aggregate
2. \$1,000,000 Products/Completed Operations Aggregate
3. \$1,000,000 Personal & Advertising Injury
4. \$1,000,000 Each Occurrence

BUILDER'S RISK

Builder's Risk Insurance is NOT provided by the OWNER. The CONTRACTOR is responsible for providing such coverage and will be liable for any loss that would be insured by such coverage.

BID FORM REQUIREMENTS

Complete requested information in the Bid Form and Bid Form Supplements.

BID FORM SIGNATURE

Sign Bid Form, as follows:

1. Sole Proprietorship: Signature of sole proprietor in the presence of a witness who will also sign. Insert the words "Sole Proprietor" under the signature. Affix Seal.
2. Partnership: Signature of all partners in the presence of a witness who will also sign. Insert the word "Partner" under each signature. Affix seal to each signature.
3. Corporation: Signature of a duly authorized signing officers in their normal signatures. Insert the officer's capacity in which the signing officer acts, under each signature. Affix the corporate seal. If the Bid is signed by officials other than the president and secretary of the company, or the president/secretary/treasurer of the company, submit a copy of the by-law resolution of their board of directors authorizing them to do so, with the Bid Form in the bid envelope.
4. Joint Venture: Signature of each party of the joint venture under their respective seals in a manner appropriate to such party as described above, similar to requirements for Partnerships.

BID OPENING

Bids will be opened and publically read aloud at 9:00 a.m. on April 5, 2018 at the DeKalb County Highway Department, 1826 Barber Greene Road, DeKalb, IL.

DURATION OF OFFER

Bids shall remain open to acceptance and shall be irrevocable for a period of 60 days after bid closing date.

ACCEPTANCE OF OFFER

The Owner reserves the right to accept or reject any or all offers.

After acceptance, the Owner, will issue to the accepted Bidder, a written Notice of Award. Following receipt of the Notice of Award, accepted Bidder shall have 15 calendar days to return executed contracts, certificates of insurance and performance and payment bonds.

Following Owner's receipt of executed contracts, certificates of insurance and performance and payment bonds, the accepted Bidder shall be issued a written Notice to Proceed and shall be prepared to commence work within 30 days following receipt of written order of the Owner to proceed, or on date stipulated in such order.

Prevailing Wage rates for DeKalb 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	BLD		37.75	38.75	1.5	1.5	2	8.52	17.79	0.00	0.80
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	BLD		40.24	44.67	1.5	1.5	2	11.00	16.30	0.00	0.60
CARPENTER	ALL	HWY		40.59	42.34	1.5	1.5	2	11.50	16.30	0.00	0.49
CEMENT MASON	ALL	ALL		44.84	46.84	2	1.5	2	10.00	21.01	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		39.00	42.90	1.5	1.5	2	12.84	13.67	0.00	0.78
ELECTRIC PWR EQMT OP	ALL	ALL		37.89	51.48	1.5	1.5	2	5.00	11.75	0.00	0.38
ELECTRIC PWR EQMT OP	ALL	HWY		41.45	56.38	1.5	1.5	2	5.50	12.87	0.00	0.73
ELECTRIC PWR GRNDMAN	ALL	ALL		29.30	51.48	1.5	1.5	2	5.00	9.09	0.00	0.29
ELECTRIC PWR GRNDMAN	ALL	HWY		32.00	56.38	1.5	1.5	2	5.50	9.92	0.00	0.66
ELECTRIC PWR LINEMAN	ALL	ALL		45.36	51.48	1.5	1.5	2	5.00	14.06	0.00	0.45
ELECTRIC PWR LINEMAN	ALL	HWY		49.67	56.38	1.5	1.5	2	5.50	15.40	0.00	0.88
ELECTRIC PWR TRK DRV	ALL	ALL		30.34	51.48	1.5	1.5	2	5.00	9.40	0.00	0.30
ELECTRIC PWR TRK DRV	ALL	HWY		33.14	56.38	1.5	1.5	2	5.50	10.29	0.00	0.59
ELECTRICIAN	ALL	BLD		45.50	50.05	1.5	1.5	2	12.84	18.73	0.00	0.91
ELEVATOR CONSTRUCTOR	ALL	BLD		46.83	52.68	2	2	2	13.57	14.51	3.77	0.60
FENCE ERECTOR	SE	ALL		45.56	49.20	2	2	2	11.02	21.51	0.00	0.70
GLAZIER	ALL	BLD		39.53	39.53	1.5	1.5	1.5	10.55	8.20	0.00	1.25
HT/FROST INSULATOR	ALL	BLD		50.50	53.00	1.5	1.5	2	12.12	12.96	0.00	0.72
IRON WORKER	NW	ALL		38.33	44.08	2	2	2	12.27	24.57	0.00	0.60
IRON WORKER	SE	ALL		45.61	49.25	2	2	2	11.52	22.65	0.00	0.81
LABORER	ALL	BLD		32.84	33.84	1.5	1.5	2	8.52	17.79	0.00	0.80

LABORER	ALL	HWY		35.00	35.75	1.5	1.5	2	8.52	20.73	0.00	0.80
LABORER, SKILLED	ALL	HWY		37.75	38.50	1.5	1.5	2	8.52	20.73	0.00	0.80
LATHER	ALL	BLD		40.24	44.67	1.5	1.5	2	11.00	16.30	0.00	0.60
MACHINIST	ALL	BLD		45.35	47.85	1.5	1.5	2	7.26	8.95	1.85	0.00
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		33.56	0.00	1.5	1.5	2	8.24	16.39	0.00	0.80
MATERIALS TESTER II	ALL	ALL		33.56	0.00	1.5	1.5	2	8.24	16.39	0.00	0.80
MILLWRIGHT	ALL	BLD		37.72	41.49	1.5	1.5	2	10.12	15.25	0.00	0.60
OPERATING ENGINEER	ALL	BLD	1	45.80	49.80	2	2	2	18.80	13.45	2.35	1.30
OPERATING ENGINEER	ALL	BLD	2	45.10	49.80	2	2	2	18.80	13.45	2.35	1.30
OPERATING ENGINEER	ALL	BLD	3	42.65	49.80	2	2	2	18.80	13.45	2.35	1.30
OPERATING ENGINEER	ALL	BLD	4	40.65	49.80	2	2	2	18.80	13.45	2.35	1.30
OPERATING ENGINEER	ALL	BLD	5	49.55	49.80	2	2	2	18.80	13.45	2.35	1.30
OPERATING ENGINEER	ALL	BLD	6	48.80	49.80	2	2	2	18.80	13.45	2.35	1.30
OPERATING ENGINEER	ALL	BLD	7	45.80	49.80	2	2	2	18.80	13.45	2.35	1.30
OPERATING ENGINEER	ALL	HWY	1	45.65	49.65	1.5	1.5	2	18.80	13.45	2.35	1.30
OPERATING ENGINEER	ALL	HWY	2	45.10	49.65	1.5	1.5	2	18.80	13.45	2.35	1.30
OPERATING ENGINEER	ALL	HWY	3	43.80	49.65	1.5	1.5	2	18.80	13.45	2.35	1.30
OPERATING ENGINEER	ALL	HWY	4	42.35	49.65	1.5	1.5	2	18.80	13.45	2.35	1.30
OPERATING ENGINEER	ALL	HWY	5	40.90	49.65	1.5	1.5	2	18.80	13.45	2.35	1.30
OPERATING ENGINEER	ALL	HWY	6	48.65	49.65	1.5	1.5	2	18.80	13.45	2.35	1.30
OPERATING ENGINEER	ALL	HWY	7	46.65	49.65	1.5	1.5	2	18.80	13.45	2.35	1.30
ORNAMNTL IRON WORKER	SE	ALL		45.06	48.66	2	2	2	10.52	20.76	0.00	0.70
PAINTER	ALL	ALL		44.18	46.18	1.5	1.5	1.5	10.30	8.20	0.00	1.35
PAINTER SIGNS	ALL	BLD		37.45	42.05	1.5	1.5	2	2.60	3.18	0.00	0.00
PILEDRIVER	ALL	BLD		40.74	45.22	1.5	1.5	2	11.00	16.30	0.00	0.60
PILEDRIVER	ALL	HWY		40.59	42.34	1.5	1.5	2	11.50	16.30	0.00	0.49
PIPEFITTER	ALL	BLD		47.50	50.50	1.5	1.5	2	10.05	17.85	0.00	2.12
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		41.24	44.54	1.5	1.5	2	6.90	18.36	0.00	0.39
SPRINKLER FITTER	ALL	BLD		37.12	39.87	1.5	1.5	2	8.42	8.50	0.00	0.35
STEEL ERECTOR	SE	ALL		45.56	49.20	2	2	2	11.02	21.51	0.00	0.70
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 LAYER	ALL	BLD		40.24	44.67	1.5	1.5	2	11.00	16.30	0.00	0.60
TILE MASON	ALL	BLD		45.49	49.49	1.5	1.5	2	10.65	13.88	0.00	0.86
TRUCK DRIVER	ALL	ALL	1	35.98	36.53	1.5	1.5	2	8.25	10.14	0.00	0.15
TRUCK DRIVER	ALL	ALL	2	36.13	36.53	1.5	1.5	2	8.25	10.14	0.00	0.15
TRUCK DRIVER	ALL	ALL	3	36.33	36.53	1.5	1.5	2	8.25	10.14	0.00	0.15
TRUCK DRIVER	ALL	ALL	4	36.53	36.53	1.5	1.5	2	8.25	10.14	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 DEKALB COUNTY

IRONWORKERS (NORTHWEST) - That portion of the county from a point where the western county line intersects with Rt. 30, continuing eastward to Shabbona, north between Shabbona and Clare, and northeast between Clare and New Lebanon.

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

Installing, manufacturing, assembling and maintaining sound and intercom, protection alarm (security), fire alarm, master antenna television, closed circuit television, low voltage control for computers and/or door monitoring, school communications systems, telephones and servicing of nurse and emergency calls, and the installation and maintenance of transmit and receive antennas, transmitters, receivers, and associated apparatus which operates in conjunction with above systems. All work associated with these system installations will be included EXCEPT the installation of protective metallic conduit in new construction projects (excluding less than ten-foot, runs strictly for protection of cable) and 120 volt AC (or higher) power wiring and associated hardware.

LABORER, SKILLED - HIGHWAY

Individuals engaged in the following types of work, irrespective of the site of the work: asbestos abatement worker, handling of any materials with any foreign matter harmful to skin or clothing, track laborer, cement handlers, chloride handlers, the unloading and loading with steel workers and re-bars, concrete workers wet, tunnel helpers in free air, batch dumpers, mason tenders, kettle and tar men, tank cleaners, plastic installers, scaffold workers, motorized buggies or motorized unit used for wet concrete or handling of building materials, laborers with de-watering systems, sewer workers plus depth, rod and chainmen with technical engineers, rod and chainmen with land surveyors, rod and chainmen with surveyors, vibrator operators, cement silica, clay, fly ash, lime and plasters, handlers (bulk or bag), cofferdam workers plus depth, on concrete paving, placing, cutting and tying of reinforcing, deck hand, dredge hand, and shore laborers, bankmen on floating plant, grade checker, power tools, front end man on chip spreaders, cession workers plus depth, gunnite nozzle men, lead man on sewer work, welders, cutters, burners and torchmen, chainsaw operators, jackhammer and drill operators, layout man and/or drainage tile layer, steel form setter - street and highway, air tamping hammermen, signal man on crane, concrete saw operator, screedman on asphalt pavers, laborers tending masons with hot material or where foreign materials are used, mortar mixer operators, multiple concrete duct - leadsman, lumen, asphalt raker, curb asphalt machine operator, ready mix scalemen (permanent, portable or temporary plant), laborers handling masterplate or similar materials, laser beam operator, concrete burning machine operator, coring machine operator, plaster tender, underpinning and shoring of buildings, pump men, manhole and catch basin, dirt and stone tamper, hose men on concrete pumps, hazardous waste worker, lead base paint abatement worker, lining of pipe, refusing machine, assisting on direct boring machine, the work of laying watermain, fire hydrants, all mechanical joints to watermain work, sewer worker, and tapping water service and forced lift station mechanical worker.

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 ENGINEERS - 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 Paver (over 27E cu. ft.): Concrete Paver (27 cu. ft. and under); Concrete Placer; Concrete Pump (Truck Mounted); Concrete Conveyor (Truck Mounted); Concrete Tower; Cranes, All; GCI and similar types (required two operators only); Cranes, Hammerhead; Creter Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; 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 - excluding hose work and any sewer work); Locomotives, All; Lubrication Technician; Manipulators; Motor Patrol; 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; Rock Drill (self-propelled); Rock Drill - Truck Mounted; Roto Mill Grinder; Scoops - Tractor Drawn; Slipform Paver; Scrapers Prime Movers; Straddle Buggies; Tie Back Machine; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Bobcat (over 3/4 cu. yd.); Boilers; Brick Forklift; 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, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Asphalt Spreader; Combination - Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators - (Rheostat Manual Controlled); Hydraulic Power Units (Pile Driving, Extracting, or Drilling - with a seat); Lowboys; Pumps, Over 3" (1 to 3 not to exceed total of 300 ft.); Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches; Bobcat (up to and including 3/4 cu. yd.).

Class 4. Elevator push button with automatic doors; Hoists, Inside; Oilers; Brick Forklift.

Class 5. Assistant Craft Foreman

Class 6. Mechanics; Welders.

Class 7. Gradall

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Silo Tender; Asphalt Spreader; Autograder; ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Backhoe w/shear attachments; 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 of all types; Creter Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Directional Boring Machine over 12"; Dredges; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Mounted; Hoists, One, Two and Three Drum; Hydraulic Backhoes; Hydro Vac, Self Propelled, Truck Mounted (excluding hose work and any sewer work); Lubrication Technician; Manipulators; 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; GCI Crane; Hydraulic Telescoping Form (Tunnel); Tie Back Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader with attached pusher; Tractor with Boom; Tractaire with Attachments; Traffic Barrier Conveyor Machine; Raised or Blind Hole Drills; Trenching Machine (over 12"); Truck Mounted Concrete Pump with Boom; Truck Mounted Concrete Conveyor; Work Boat (no license required - 90 h.p. or above); Underground Boring and/or Mining Machines; 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 (large self-propelled - excluding walk-behinds and hand-held); 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; All Locomotives, Dinky; Off-Road Hauling Units; Non-Self Loading Dump; Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Scoops - Tractor Drawn; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper; Scraper - Prime Mover in Tandem (Regardless of Size); Tank Car Heater; Tractors, Push, Pulling 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.; Fireman on Boilers; 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 - Small and Large; Asphalt Spreader, Backend Man; Bobcat (Skid Steer) all; Brick Forklift; Combination - Small Equipment Operator; Directional Boring Machine up to 12"; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Hydro-Blaster; Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Tractaire; Trencher 12" and under; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. Oilers and Directional Boring Machine Locator.

Class 6. Field Mechanics and Field Welders

Class 7. Gradall and machines of like nature.

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.

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.

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.

STATEMENT OF BIDDER'S QUALIFICATIONS

All questions must be answered and the data given must be clear and comprehensive. This statement must be *notarized*. If necessary, questions may be answered on separate attached sheets. The Bidder may submit any additional information he or she desires. **This form must be turned in with supporting documentation to the DeKalb County Highway Department, 1826 Barber Greene Road, DeKalb, Illinois by 10:00 a.m. on April 4, 2018.** This form will be required by the DeKalb County Highway Department to receive authorization to bid.

1. Name of the Bidder.
2. Permanent main office address.
3. When were you organized?
4. If a corporation, in what state were you incorporated?
5. How many years have you been engaged in the contracting business under your present firm or trade name?
6. Contracts on hand: *(Please schedule these, showing amount of each contract and the appropriate anticipated dates of completion.)*
7. Describe the general character of work performed by your company.
8. Have you ever failed to complete work awarded to you?
9. Have you ever defaulted on a contract?
10. List the more important projects recently completed by your company, stating the approximate cost for each, and the month and year the project was completed.
11. List your major equipment that will be made available for this contract.
12. State your experience in construction work similar in importance to this project.
13. List the background and experience of the principal members of your organization, including the officers.
14. Indicate the present amount of credit available to you.
15. Please provide a bank credit reference.
16. Will you, upon request, fill out a detailed financial statement and furnish any other information that may be required by the DeKalb County Highway Department?
17. The undersigned hereby authorizes and requests any person, firm, or corporation to furnish any information requested by the Ogle County Highway Department in verification of the recitals comprising the Statement of Bidder's Qualifications.

Dated at _____, this ____ day of _____, 20____.

(Name of Bidder)

By _____

Title _____

State of _____)

County of _____) ss.

_____, being first duly sworn, deposes and says that he is

_____ of _____ and that the answers to the foregoing questions

and all statements therein contained are true and correct.

Subscribed and sworn to before me this

____ day of _____, 20____.

(Notary Public)

My commission expires _____.

BID FORM - STIPULATED SUM (Must be turned in with supporting documentation to the DeKalb County Highway Department, 1826 Barber Greene Road, DeKalb, Illinois by 10:00 a.m. on April 4, 2018.)

Date _____

Proposal of _____

(hereinafter called "Bidder"), organized and existing under the laws of the State of _____

doing business as _____

(insert: "a corporation", "a partnership", or "an individual", as applicable)

to DeKalb County Highway Department (hereinafter called "Owner").

The Bidder, in compliance with your invitation for bids for the construction of the Project entitled:

2018 Equipment Storage Building

Having examined the plans and specifications with related documents and the site of the proposed work, and being familiar with all of the conditions surrounding the construction of the proposed project including the availability of materials and labor, hereby proposes to furnish all labor, materials, and supplies, and to construct the project in accordance with the contract documents, within the time set forth therein, and at the prices stated below. These prices are to cover all expenses incurred in performing the work required under the contract documents including payment of specified prevailing rates and operations in compliance with all other specified requirements, of which this proposal is a part.

Bidder hereby agrees to commence work under this contract on or before a date to be specified in the written "Notice to Proceed" of the Owner and to fully complete all work by September 28, 2018, unless so modified by Change Order.

Bidder acknowledges receipt of the following addenda:

Number _____ Dated _____; Number _____ Dated _____;

Number _____ Dated _____; Number _____ Dated _____;

PROPOSAL:

Bidder agrees to perform the 2018 Equipment Storage Building Work described on the Drawings and in the Specifications for the sum of:

BASE BID: Base Bid amount is for a WOOD TRUSS / STEEL TRUSS building (select one).

(\$ _____)

(Amount shall be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.)

Bidders may submit separate bids for each type of truss building.

DeKalb County reserves the right to select the type of building and Additional Bid Options which it deems the best option and/or value.

ADDITIONAL BID OPTIONS:

ADDITIONAL BID OPTION #1: Installation and heat provided to Bay #1.

ADD / DEDUCT: _____

(ADD / DEDUCT \$ _____)

(Amount shall be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.)

ADDITIONAL BID OPTION #2: Installation and heat provided to Bays #1, 2, 4, & 5.

ADD / DEDUCT: _____

(ADD / DEDUCT \$ _____)

(Amount shall be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.)

ADDITIONAL BID OPTION #3: 5" instead of 6" finished thick reinforced concrete floor.

ADD / DEDUCT: _____

(ADD / DEDUCT \$ _____)

(Amount shall be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.)

The above prices includes all labor, materials, overhead, profit, insurance, etc., to cover the finished work of the several kinds called for in the Contract Documents.

Bidder understands that the Owner reserves the right to reject any or all bids and to waive any informalities in the bidding. The Bidder agrees that this bid shall be good and may not be withdrawn for a period of sixty (60) calendar days after the scheduled closing time for receiving bids.

Upon receipt of written notice of the acceptance of this bid, Bidder will execute the formal Agreement within fifteen (15) calendar days and deliver the required bonds and an acceptable Certificate of Insurance as required by the contract documents and Commence work within thirty (30) days after written Notice to Proceed of this bid.

The bid security attached in the sum of _____ (\$ _____) is to become the property of the Owner in the event the contract and bond are not executed within the time above set forth.

If this bid is accepted within the time stated, and we fail to commence the Work or we fail to provide the required contracts, bonds, or insurance, the security deposit shall be forfeited as damages to the Owner by reason of our failure, limited in amount to the lesser of the face value of the security deposit or the difference between this bid and the bid upon which a Contract is signed.

In the event our bid is not accepted within the time stated above, the required security deposit will 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.

Respectfully submitted:

Bidder's Officer Name, Title: _____
(Print or type)

By: _____
(Signature)

Address, Zip Code: _____

(SEAL - if by Corporation) Telephone Number: _____

CONTRACTOR CERTIFICATIONS

The certifications hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder.

1. **Debt Delinquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedures established by the appropriate revenue Act, its liability for the tax or the amount of tax. Making a false statement voids the contract and allows the Department to recover all amounts paid to the individual or entity under the contract in a civil action.
2. **Bid-Rigging or Bid Rotating.** The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

A violation of Section 33E-3 would be represented by a conviction of the crime of bid-rigging which, in addition to Class 3 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

A violation of Section 33E-4 would be represented by a conviction of the crime of bid-rotating which, in addition to Class 2 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

3. **Bribery.** The bidder or contractor or subcontractor, respectively, certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.
4. **Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative Code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be cancelled.

SIGNATURES
(If an individual)

Signature of Bidder

Business Address

(If a partnership)
Firm Name

Signed By

Business Address

Inset Names and Addresses
of All Partners



(If a corporation)
Corporate Name

Signed By

President

Business Address

Inset Names of Officers



President

Secretary

Treasurer

Attest:

Secretary

PAYMENTS TO THE CONTRACTOR

Provided that an Application for Payment is received not later than the first day of a month, the Owner shall make payment of the certified amount to the Contractor not later than the last day of following month.

Each Application for Payment shall be based on the most recent schedule of values submitted by the contractor in accordance with the Contract Documents. The schedule of values shall allocate the entire Contract Sum among the various portions of the Work. The schedule of values shall be prepared in such form and supported by such data to substantiate its accuracy as the Owner may require. The schedule, unless objected to by the Owner, shall be used as a basis for reviewing the Contractor's Applications for Payment.

Subject to other provisions of the Contract Documents, the amount of each progress payment shall be computed by multiplying the percentage completion of each portion of the work by the share of the Contract Sum allocated to that portion of the Work in the schedule of values, less retainage of ten percent (10%).

FAILURE TO COMPLETE THE WORK ON TIME

Time is of the essence to the contract. Should the Contractor fail to complete the work within the working days stipulated in the contract or on or before the completion date stipulated in the contract or within such extended time as may have been allowed, the Contractor shall be liable and shall pay to the Owner the amount shown in the following schedule of deductions, not as a penalty but as liquidated damages, for each day of overrun in the contract time or such extended time as may have been allowed. The liquidated damages for failure to complete the contract on time are approximate, due to the impracticality of calculating and proving actual delay costs. This schedule of deductions establishes the cost of delay to account for administration, engineering, inspection, and supervision during periods of extended and delayed performance. The costs of delay represented by this schedule are understood to be a fair and reasonable estimate of the costs that will be borne by the Owner during extended and delayed performance by the Contractor of the work, remaining incidental work, correction of work improperly completed, or repair of work damaged as a result of the Contractor. The liquidated damage amount specified will accrue and be assessed until final completion of the total physical work of the contract even though the work may be substantially complete. The Owner will deduct these liquidated damages from any monies due or to become due to the Contractor from the Owner.

Schedule of Deductions for Each Day of Overrun in Contract Time

<u>Original Contract Amount</u>		<u>Daily Charges</u>
<u>From More Than</u>	<u>To and Including</u>	<u>Per Calendar Day</u>
\$ 0	\$ 100,000	\$ 475
100,000	500,000	750
500,000	1,000,000	1,025
1,000,000	3,000,000	1,275
3,000,000	6,000,000	1,425
6,000,000	12,000,000	2,300
12,000,000	And over	5,800

CONTRACT DESCRIPTION

Work of Contract includes site improvements associated with the construction of the new equipment storage building including the general construction for the erection of a metal building 216' x 72', including structural, mechanical, electrical, and other associated work all within the City of DeKalb's municipal limits. The work includes a finished 6" thick reinforced concrete floor, a 4' high x 8" thick concrete walls inside the exterior metal walls, and a heated bay with an option to heat additional bays. Perform Work of Contract under stipulated sum contract with Owner in accordance with Conditions of Contract.

DeKalb County has applied for a building permit from the City of DeKalb. There is no anticipated issue date as of the publication of the contract proposal.

WORK BY OTHERS

The Owner will be prepare various site improvements in-house and/or award a separate contract to serve the new metal building. A 12" thick aggregate base will be supplied and installed by others. Final preparations of the aggregate base prior to placing the concrete flood shall be provided by the Contractor included in the Contract.

480 volt 3 phase service to the building will be provided by others. 200 amp service in the building shall be provided by the Contractor included in the Contract.

Contractor shall coordinate work with Owner and other contractors working on site.

FUTURE WORK

Contract provisions require the pre-engineered metal building be designed to allow for future expansion to the south.

CONTRACTOR RESPONSIBILITIES

Assist Owner in selection of products.

Comply with all City regulations and building codes.

Obtain proposals from suppliers and offer recommendations.

On notification of selection by Owner, execute purchase agreement with designated supplier.

Arrange for and process shop drawings, product data, and samples. Arrange for delivery.

Promptly inspect products upon delivery for completeness, damage, and defects.

Submit claims for transportation damage.

Provide Owner with actual cost of product(s) as compared to stipulated contract sum.

APPLICATIONS FOR PAYMENT

Submit each Application for Payment utilizing the Schedule of Values.

Submit updated construction schedule with each Application for Payment.

Submit at monthly intervals as described in PAYMENTS TO THE CONTRACTOR.

Submit with transmittal letter.

Submit partial lien waivers with each Application for Payment. Lien waivers to be provided from each sub-contractor and supplier.

Submit certified payrolls with each Application for Payment.

PRECONSTRUCTION MEETING

Owner will schedule meeting after Notice of Award.

Owner will record minutes and distribute copies to participants.

PROGRESS MEETINGS

Progress meetings shall be scheduled as required.

Owner shall make arrangements for meetings, preside at meetings and issue meeting minutes to participants.

Attendance Required: Job superintendent, major subcontractors and suppliers, Owner, as appropriate to agenda topics for each meeting.

Owner shall record minutes and distribute copies to participants.

SUBMITTAL PROCEDURES

Transmit each submittal to the DeKalb County Highway Department, 1826 Barber Greene Road, DeKalb, Illinois.

Identify Project, Contractor, subcontractor and supplier; pertinent drawing and detail number, and specification section number, appropriate to submittal.

Apply Contractor's stamp, signed or initialed certifying that review, approval, verification of products required, field dimensions, adjacent construction Work, and coordination of information is in accordance with requirements of the Work and Contract Documents.

CONSTRUCTION PROGRESS SCHEDULES

Submit initial schedules within 15 days after date established in Notice to Proceed. After review, resubmit required revised data within ten days.

Submit revised Progress Schedules as required with each Application for Payment.

Distribute copies of reviewed schedules to Project site file, subcontractors, suppliers, and other concerned parties.

Instruct recipients to promptly report, in writing, problems anticipated by projections indicated in schedules.

Show complete sequence of construction by activity, identifying Work of separate stages and other logically grouped activities. Indicate early and late start, early and late finish, float dates, and duration.

PRODUCT DATA

Product Data: Submit to Owner for review for limited purpose of checking for conformance with information given and design concept expressed in Contract Documents.

Submit number of copies Contractor requires, plus two copies the Owner will retain.

Mark each copy to identify applicable products, models, options, and other data.

Supplement manufacturers' standard data to provide information specific to this Project.

Indicate product utility and electrical characteristics, utility connection requirements, and location of utility outlets for service for functional equipment and appliances.

After review, produce copies and distribute in accordance with SUBMITTAL PROCEDURES article and for record documents

SHOP DRAWINGS

Shop Drawings: Submit to Owner for review for limited purpose of checking for conformance with information given and design concept expressed in Contract Documents.

Indicate special utility and electrical characteristics, utility connection requirements, and location of utility outlets for service for functional equipment and appliances.

When required by individual specification sections, provide shop drawings signed and sealed by professional engineer or licensed structural engineer when so specified responsible for designing components shown on shop drawings.

1. Include signed and sealed calculations to support design.

2. Submit drawings and calculations in form suitable for submission to and approval by authorities having jurisdiction.

3. Make revisions and provide additional information when required by authorities having jurisdiction.

Submit number of opaque reproductions Contractor requires, plus two (2) copies the Owner may retain.

After review, produce copies and distribute.

TEST REPORTS

Submit test reports to Owner for information for limited purpose of assessing conformance with information given and design concept expressed in Contract Documents.

CERTIFICATES

When specified in individual specification sections, submit certification by manufacturer, installation/application subcontractor, or Contractor to Owner, in quantities specified for Product Data. Indicate material or product conforms to or exceeds specified requirements. Submit supporting reference data, affidavits, and certifications as appropriate. Certificates may be recent or previous test results on material or Product, but must be acceptable to Owner.

MANUFACTURER'S INSTRUCTIONS

When specified in individual specification sections, submit printed instructions for delivery, storage, assembly, installation, start-up, adjusting, and finishing, to Owner in quantities specified for Product Data.

Indicate special procedures, perimeter conditions requiring special attention, and special environmental criteria required for application or installation.

ERECTION DRAWINGS

Submit drawings for Owner's information for limited purpose of assessing conformance with information given and design concept expressed in Contract Documents.

Data indicating inappropriate or unacceptable Work may be subject to action by Owner.

TESTING AND INSPECTION SERVICES

The Owner will perform tests, inspections and other services specified in individual specification sections. Testing, inspections and source quality control may occur on or off project site.

Reports will be submitted by Owner to Contractor and authority having jurisdiction, indicating observations and results of tests and indicating compliance or non-compliance with Contract Documents. Cooperate with Owner; furnish samples of materials, design mix, equipment, tools, storage, safe access, and assistance by incidental labor as requested.

Notify Owner 24 hours prior to expected time for operations requiring services.

CLOSEOUT PROCEDURES

Submit written certification that Contract Documents have been reviewed, Work has been inspected, and that Work is complete in accordance with Contract Documents and ready for Owner's review.

Provide submittals to Owner required by authorities having jurisdiction.

Submit final Application for Payment identifying total adjusted Contract Sum, previous payments, and sum remaining due.

PROJECT RECORD DOCUMENTS

Record Drawings and Shop Drawings: Legibly mark each item to record actual construction including:

1. Measured depths of foundations in relation to finish floor datum.
2. Measured horizontal and vertical locations of underground utilities and appurtenances, referenced to permanent surface improvements.
3. Measured locations of internal utilities and appurtenances concealed in construction, referenced to visible and accessible features of the Work.
4. Field changes of dimension and detail.
5. Details not on original Contract drawings.

MANUAL FOR EQUIPMENT AND SYSTEMS

Each Item of Equipment and Each System: Include description of unit or system, and component parts. Identify function, normal operating characteristics, and limiting conditions. Include performance curves, with engineering data and tests, and complete nomenclature and model number of replaceable parts.

Operating Procedures: Include start-up, break-in, and routine normal operating instructions and sequences. Include regulation, control, stopping, shut-down, and emergency instructions. Include summer, winter, and special operating instructions.

Maintenance Requirements: Include routine procedures and guide for preventative maintenance and troubleshooting; disassembly, repair, and reassembly instructions; and alignment, adjusting, balancing, and checking instructions.

PRODUCT WARRANTIES AND PRODUCT BONDS

Obtain warranties and bonds executed in duplicate by responsible subcontractors, suppliers, and manufacturers, within ten days after completion of applicable item of work.

Execute and assemble transferable warranty documents and bonds from subcontractors, suppliers, and manufacturers.

QUALITY ASSURANCE

Perform Work in accordance with ACI 347, ACI 301, ACI 318 and the Illinois Department of Transportation's Standard Specifications for Road and Bridge Construction.

CAST-IN-PLACE CONCRETE

REFERENCES

American Concrete Institute:

1. ACI 301 - Specifications for Structural Concrete.
2. ACI 305 - Hot Weather Concreting.
3. ACI 306.1 - Standard Specification for Cold Weather Concreting.
4. ACI 308.1 - Standard Specification for Curing Concrete.
5. ACI 309 - Guide for Consolidation of Concrete
6. ACI 318 - Building Code Requirements for Structural Concrete.

Illinois Department of Transportation

1. Standard Specifications for Road and Bridge Construction.

SUBMITTALS

Product Data: Submit data on joint devices, attachment accessories, admixtures.

Design Data:

1. Submit concrete mix design for each concrete strength. Submit separate mix designs when admixtures are required for the following:
 - a. Hot and cold weather concrete work.
 - b. Air entrained concrete work.
2. Identify mix ingredients and proportions, including admixtures.
3. Identify chloride content of admixtures and whether or not chloride was added during manufacture.

CLOSEOUT SUBMITTALS

Project Record Documents: Accurately record actual locations of embedded utilities and components concealed from view in finished construction.

QUALITY ASSURANCE

Owner will perform all required Testing.

Perform Work in accordance with ACI 301.

Conform to ACI 305 when concreting during hot weather.

CONCRETE MATERIALS

Cement: ASTM C150, Type I - Normal Portland type; use one brand of cement throughout project.

ADMIXTURES

Air Entrainment: ASTM C260.

Calcium Chloride: Not Permitted.

CONCRETE MIX

Mix and deliver concrete in accordance with ASTM C94.

Select proportions for normal weight concrete in accordance with ACI 301.

Provide concrete to the following criteria:

<u>Material and Property</u>	<u>Measurement</u>
Compressive Strength (7 day)	3000 psi
Compressive Strength (28 day)	4000 psi
Water-Cement Ratio (maximum)	0.5% maximum
Air Content	4.5% to 7.5%, ASTM C231
Slump	4 inches maximum, ASTM C143
Max Temperature	85 deg F

Use set retarding admixtures during hot weather only when approved by ENGINEER.

Add air entraining agent to normal weight concrete mix for work exposed to exterior.

Concrete shall have a workability such that it will fill the forms without voids or honeycombs with proper vibration without permitting materials to separate or excess water to collect on the surface.

EXECUTION

EXAMINATION

Verify requirements for concrete cover over reinforcement.

Verify anchors, seats, plates, reinforcement and other items to be cast into concrete are accurately placed, positioned securely, and will not interfere with placing concrete.

Locate and form construction, contraction and control joints as indicated on drawings.

Verify completion of all under slab work including aggregate base elevations with all trades before pouring slab.

Slope slabs as indicated on drawings and to provide positive drainage. Slope slab keeping bottom level and varying top. Maintain minimum thickness of concrete as indicated on drawings.

PLACING CONCRETE

Place concrete in accordance with ACI 301 and ACI 318.

Notify Owner minimum 24 hours prior to commencement of operations.

Ensure reinforcement, inserts, embedded parts, formed expansion and contraction joints, are not disturbed during concrete placement.

Separate slabs on grade from vertical surfaces with minimum 1/2 inch thick joint filler or thickness as indicated on Drawings.

Place joint filler in floor slab pattern placement sequence. Set top to required elevations.

Secure to resist movement by wet concrete.

Extend joint filler from bottom of slab to within 1/2 inch of finished slab surface. Conform to finish joint sealer/caulking requirements.

Deposit concrete at final position. Prevent segregation of mix. Concrete floor shall be 6" thick. Concrete walls shall extend 4' above the finished floor elevation and shall be 8" thick.

Maintain records of concrete placement. Record date, location, quantity, air temperature, and test samples taken.

Place concrete continuously between predetermined expansion, control, and construction joints.

Do not interrupt successive placement; do not permit cold joints to occur.

The consistency of concrete must be plastic and cohesive, not fluid, yet sufficiently soft to flow freely to fill crevices. Work around reinforcing without excessive puddling or spading and without permitting materials to segregate, or free water to collect on the surfaces.

Concrete not placed within 90 minutes of initial mix will be rejected.

Concrete from its point of release to mixers, hoppers, or conveyances shall not be permitted to drop more than 5 feet. Deposit concrete directly into conveyances and directly from conveyances to final points of deposit.

Deposit concrete in wall forms in layers not greater than 24 inches in depth. Each layer shall be compacted before succeeding layer is placed.

Consolidation of concrete shall conform to ACI 309. Place concrete as near as possible to final position to prevent segregation. Do not use vibrators to transport concrete within forms.

Consolidate concrete in walls, columns, beams, and slabs thicker than 8 inches with internal vibrators (8000-12000 V.P.M.). Slabs less than 8 inches thick may be consolidated with internal vibrators (9000-1350 V.P.M.) or vibrating screeds supported on forms, screed boards, boards or rails, approved by the Structural Engineer. Supplement vibration by forking or hand spading along surface adjacent to forms. Saw cut joints within 24 hours after placing. Use 3/16 inch thick blade, cut into 1/3 depth of slab thickness.

Screed slabs on grade level, maintaining surface flatness of maximum 1/8 inch in 10 ft.

CONCRETE FINISHING

Provide formed concrete surfaces to be left exposed with smooth rubbed finish. Grind and hand rub all exposed formed areas.

Finish concrete floor surfaces in accordance with ACI 301.

Steel trowel surfaces which are indicated to be exposed.

Foundation walls supporting slabs shall have rough finish for bonding of slab and wall.

CURING AND PROTECTION

Immediately after placement, protect concrete from premature drying, excessively hot or cold temperatures, and mechanical injury.

Maintain concrete with minimal moisture loss at relatively constant temperature for period necessary for hydration of cement and hardening of concrete.

Protect freshly placed concrete against wash by rain.

Protect concrete surface from drying for seven (7) continuous days after placement, including weekends and holidays; alternate cycles of wetting and drying not permitted.

All floor areas and foundation walls shall receive two (2) coats of membrane curing compound. ASTM 309 Type 1, acrylic type, clear, containing a minimum 18% solids.

At end of water cure period, before allowing concrete to dry, rinse and flush surface to remove reaction products.

Protect freshly placed concrete from all traffic, including CONTRACTOR's vehicles, until 75% of design strength is attained.

FIELD QUALITY CONTROL

Section 01 70 00 - Execution and Closeout Requirements: Field inspecting, testing, adjusting, and balancing.

Perform field testing in accordance with ACI 318.

Submit proposed mix design of each class of concrete Owner for review prior to commencement of Work.

Concrete Inspections:

1. Continuous Placement Inspection: Inspect for proper installation procedures.
2. Periodic Curing Inspection: Inspect for specified curing temperature and procedures.

Strength Test Samples:

1. Sampling Procedures: ASTM C172.
2. Cylinder Molding and Curing Procedures: ASTM C31/C31M, cylinder specimens, standard cured.
3. Sample concrete and make one set of three cylinders for every 75 cu yds or less of each class of concrete placed each day and for every 5,000 sf of surface area for slabs and walls.
4. Make one additional cylinder during cold weather concreting, and field cure.
5. Each set of cylinders shall consist of three cylinders. Two cylinders (laboratory cylinders) shall be kept in 60 to 80 degrees F temperature range and protected from moisture loss at job for period of 24 to 48 hours. Contractor to protect test cylinders from damage. The third cylinder (field cylinder) shall be placed as near as possible to and protected and cured in the same manner as the in-place concrete from which taken. This cylinder shall be completely job cured.

Contractor to protect test cylinders from damage.

Field Testing:

1. Slump Test Method: ASTM C143/C143M.
2. Air Content Test Method: ASTM C173/C173M.
3. Temperature Test Method: ASTM C1064/C1064M.
4. Measure slump and temperature for each compressive strength concrete sample.
5. Measure air content in air entrained concrete for each compressive strength concrete sample.

Cylinder Compressive Strength Testing:

1. Test Method: ASTM C39.
2. Test Acceptance: In accordance with ACI 318.
3. Test one cylinder at 7 days.
4. Test two cylinders at 28 days.

PATCHING

Allow Owner to inspect concrete surfaces immediately upon removal of forms.

Excessive honeycomb or embedded debris in concrete is not acceptable. Notify Owner upon discovery.

Patch imperfections as directed by Owner.

DOORS, FRAMES AND HARDWARE

STEEL DOORS AND FRAMES

Manufacturers:

1. Curries
2. Ceco Door Products
3. Mesker
4. Steelcraft
5. Or approved equal.

Product Description: Single Swing, Panic hardware reinforced, Insulated, seamless.

COMPONENTS

Exterior Doors (Insulated): SDI 108, 1-3/4 inch thick.

1. Level 3 - Extra heavy Duty, Model 1, full flush design.

Exterior Frames:

1. Level 3 for Door Models 1, nominal 16 gage/0.053 inch thick material, welded.

Door Core: polyurethane insulation.

End Closure: Channel, 0.04 inch thick, inverted.

Thermal Insulated Door: Minimum R-Value of 10

SECTIONAL OVERHEAD DOORS

WARRANTY

Furnish two year manufacturer warranty for electric operating equipment.

Furnish 10 year manufacturer delamination warranty on door panels.

SECTIONAL WINDOWLESS OVERHEAD DOORS

Manufacturers:

1. Hass Door
2. Raynor Garage Door
3. Substitutions as approved by the Owner

Product Description: Steel overhead sectional doors, off center opener configuration and hardware.

1. Door Nominal Thickness: 1-3/4 inches thick.
2. Outer steel sheet of minimum: 26 ga, flat profile
3. Inner steel sheet of minimum: 26 ga, flat profile
4. Rabbeted weather joints at meeting rails
5. R value: 16 minimum

COMPONENTS

Sheet Steel: ASTM A653/A653M galvanized, pre-coated with manufacturer's standard thermosetting finish, stucco embossed surface.

Insulation: Rigid polystyrene bonded to facing.

Metal Primer Paint: Zinc chromate type.

ACCESSORIES

Track: Rolled galvanized steel, 0.120 inch thick; 2 inch wide, continuous one piece for each side; galvanized steel mounting brackets minimum 1/4 inch thick.

Hinge and Roller Assemblies: Heavy duty hinges and adjustable roller holders of galvanized steel; floating hardened steel bearing rollers, located at top and bottom of each panel, each side.

Lift Mechanism: Torsion spring on cross head shaft, with braided stainless steel lifting cables.

Jamb Weatherstripping: Roll formed steel section full height of jamb, fitted with resilient weatherstripping, placed in moderate contact with door panels.

Head Weatherstripping: EPDM rubber seal, one piece full length.

Panel Joint Weatherstripping: Neoprene foam seal, one piece full length.

ELECTRICAL CHARACTERISTICS AND COMPONENTS

Electrical Characteristics: In accordance with Section 26 05 03 and the following:

1. 1/2 hp; manually operable in case of power failure; transit speed of nominal 12 inches per second.
2. 115 volts, single phase, 60 Hz.

Motor Type: NEMA MG1.

Wiring Terminations: Furnish terminal lugs to match branch circuit conductor quantities, sizes, and materials indicated.

Disconnect Switch: Factory mount disconnect switch in control panel.

Electric Operator: Ceiling mounted draw bar assembly, adjustable safety friction clutch; brake system actuated by independent voltage solenoid controlled by motor starter; enclosed gear driven limit switch; enclosed magnetic cross line reversing starter; mounting brackets and hardware. Provide means to disengage motor to allow manual operation in event of power failure.

Control Station: Standard three button (open-close-stop) momentary type, control for each electric operator; 24 volt circuit, surface mounted.

Safety Edge: At bottom of door panel, full width; electro-mechanical sensitized type, wired to reverse door upon striking object; hollow neoprene covered to provide continuous tight weather seal.

Photoelectric Sensor: Furnish system which detects obstruction and reverses door without requiring door to contact obstruction.

BUILDING SYSTEMS

Design members to support mechanical and electrical equipment as indicated.

Provide drainage to exterior for water entering or condensation occurring within wall or roof system.

Permit movement of components without buckling, failure of joint seals, undue stress on fasteners or other detrimental effects, when subject to temperature range of 100° F.

Design Loading unless more stringent criteria are specified:

1. Roof Live Load = 30 PSF (non-reducible)
2. Roof Snow Load = 30 PSF plus drifting
3. Ground Snow Load = 25 PSF
4. Collateral Load = 5 PSF
5. Wind Exposure Group 'C'

Professional Seal: Provide all shop drawings in this section with a structural seal of a licensed engineer in the State of Illinois.

Building system manufacturer shall provide a written weather tightness warranty for a minimum of 20 years against leaks in roof panels, arising out of or caused by ordinary wear and tear under normal weather and atmospheric conditions.

1. Warranty shall be signed by both the roof system manufacturer and the metal roof system installer.

HEATING

Bay #3 shall be heated using a suspended gas-fired low intensity infrared heater. Other bays may be heated through Additional Bid Options.

Provide all necessary gas and electric connections.

LIGHTING

All light fixtures shall be L.E.D.

Each exterior doors shall have a universal, self-powered emergency "EXIT" sign.

METAL ROOF SYSTEM

Roof Panels:

1. Factory roll-formed, 24 inches wide, with 2 major corrugations, 2 inches high (2- 3/4 inches including seam), 24 inches on center.

2. Flat of the Panel: Cross flutes 6 inches on center, perpendicular to major corrugations in entire length of panel to reduce wind noise.

3. Variable Width Panels:

a. For roof lengths not evenly divisible by the 2'-0" panel width, factory manufactured variable-width (9-inch, 12-inch, 15-inch, 18-inch, and 21- inch-wide) panels shall be used to ensure modular, weather tight roof installation.

b. Minimum Length: 15 feet.

c. Supply maximum possible panel lengths.

4. Panel Material and Finish:

a. 24-gauge steel coated both sides with layer of acrylic-coated Galvalume aluminum-zinc alloy (approximately 55 percent aluminum, 45 percent zinc) applied by continuous hot-dip method.

b. Minimum 0.55-ounce coated weight per square foot as determined by triple-spot test, ASTM A 792.

c. Apply clear acrylic film for additional protection.

5. Use panels of maximum possible lengths to minimize end laps.

6. Extend eave panels beyond structural line of sidewalls.

7. Factory punch panels at panel end to match factory-punched holes in eave structural member.

8. Panel End Splices: Factory punched and factory notched.

9. Panel End Laps: Locate directly over, but not fastened to, a supporting secondary roof structural member and be staggered, to avoid 4-panel lap-splice condition.

10. End Laps: Floating. Allows roof panels to expand and contract with roof panel temperature changes.

11. Self-Drilling Fasteners: Not permitted.

Ridge Assembly:

1. Design ridge assembly to allow roof panels to move lengthwise with expansion and contraction as roof panel temperature changes.

2. Factory punch parts for correct field assembly.

3. Install panel closures and interior reinforcing straps to seal panel ends at ridge.

4. Do not expose attachment fasteners on weather side.

5. Use lock seam plug to seal lock seam portion of panel.

6. High-Tensile Steel Ridge Cover: Span from panel closure to panel closure and flex as roof system expands and contracts.

Provision for Expansion and Contraction:

1. Provision for Thermal Expansion Movement of Roof Panels: Clips with movable tab.

a. Stainless Steel Tabs: Factory centered on roof clip when installed to ensure full movement in either direction.

b. Maximum Force of 8 Pounds: Required to initiate tab movement.

c. Each Clip: Accommodates a minimum of 1.25-inch movement in either direction.

2. Roof: Provide for thermal expansion and contraction without detrimental effects on roof panels, with plus or minus 100-degree F temperature difference between interior structural framework of building and of roof panels.

GUTTERS AND DOWNSPOUTS

Fabricate of same material, grade and thickness as roofing metal.

Form gutters and closed downspouts of standard profile and size to collect and remove water. Fabricate with connection pieces.

Form sections in maximum possible lengths. Hem exposed edges.

Fabricate support straps of same material and finish as roofing metal, color as selected.

Exterior Metal Coating on Gutters and Downspouts: finish system, full-strength, 70 percent "Kynar 500" or "Hylar 5000" fluoropolymer (PVDF) coating.

1. Color to match adjacent wall panel.

Splash Blocks: Precast concrete blocks capable of moving water away from building.

INSULATED METAL SIDING PANEL

Wall System Design: Design wall panels in accordance with AISI North American Specification for the Design of Cold-Formed Steel Structural Members.

Wall Panels:

1. Flat Panel with embossed texture.

2. 40 inches wide with 26ga G-90 galvanized steel exterior prefinished coating.
3. Exterior Metal Coating: 70 percent "Kynar 500" or "Hylar 5000" fluoropolymer (PVDF) coating, COLOR BY OWNER.
4. Interior Metal Coating: polyester. COLOR BY OWNER
5. Panel thickness: as required for MIN R-21 CFC-free foamed in place isocyanurate foam 2.2 to 2.5 pcf density.
6. One piece from base to top of wall.
7. Overlapping joints with concealed fasteners and clips.
8. Accessories: fasteners, saddle fastener clips, sealants, brake formed flashings.

INSULATION (IN HEATED BAYS ONLY)

Laminated Fiberglass: NAIMA 202, Certified R metal building insulation.

1. TIMA Insignia and Insulation Thickness: Ink-jet printed on fiberglass.

Back-Fill Rigid Insulation:

1. Board Thickness: As required
2. Thermal Resistance: R of 5.0 per inch.
3. Compressive Strength: Minimum 25 psi.
4. Board Edges: Square edges.

Roof Insulation:

1. Nominal Thickness: As required.
2. Certified R-Value: Unfaced R13 continuous over faced R19 compressed.

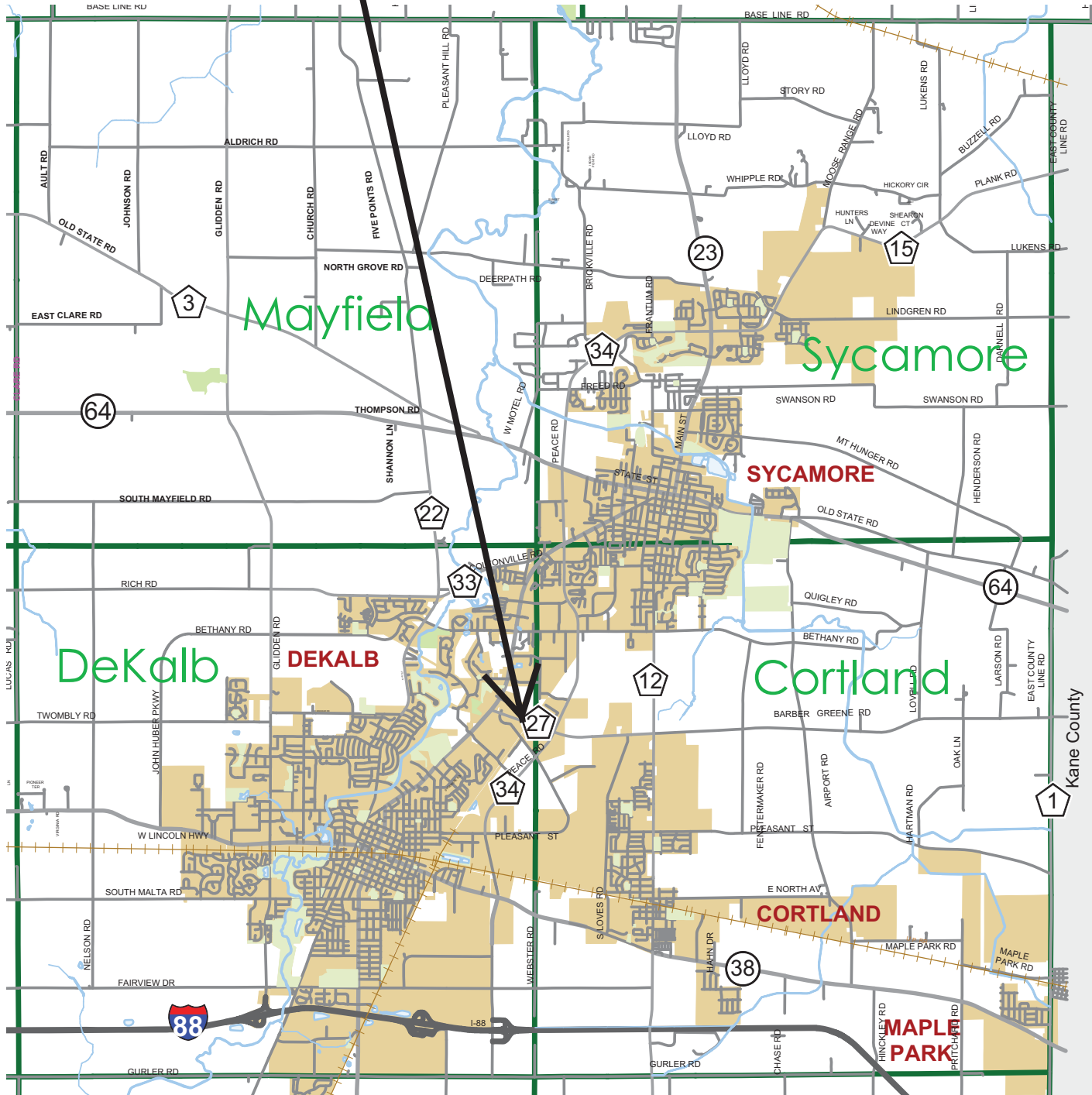
Wall Insulation:

1. Nominal Thickness: As required to completely fill girt cavity.

Roof Insulation Facing: WMP-VR-R.

1. 0.0015-inch-thick, UV-stabilized, white polypropylene laminated to metalized polyester film, reinforced with glass-fiber scrim.
2. Adhere facing to Certified R, NAIMA 202, fiberglass blanket.
3. Assembly of Insulation Blanket and Facing:
 - a. Flame Spread Rating: Less than 25.
 - b. UL Label: Submit as specified in Submittals article of this section.
 - c. Perm Rating: 0.02.

2018 Equipment Storage Building
DeKalb County
Location Map

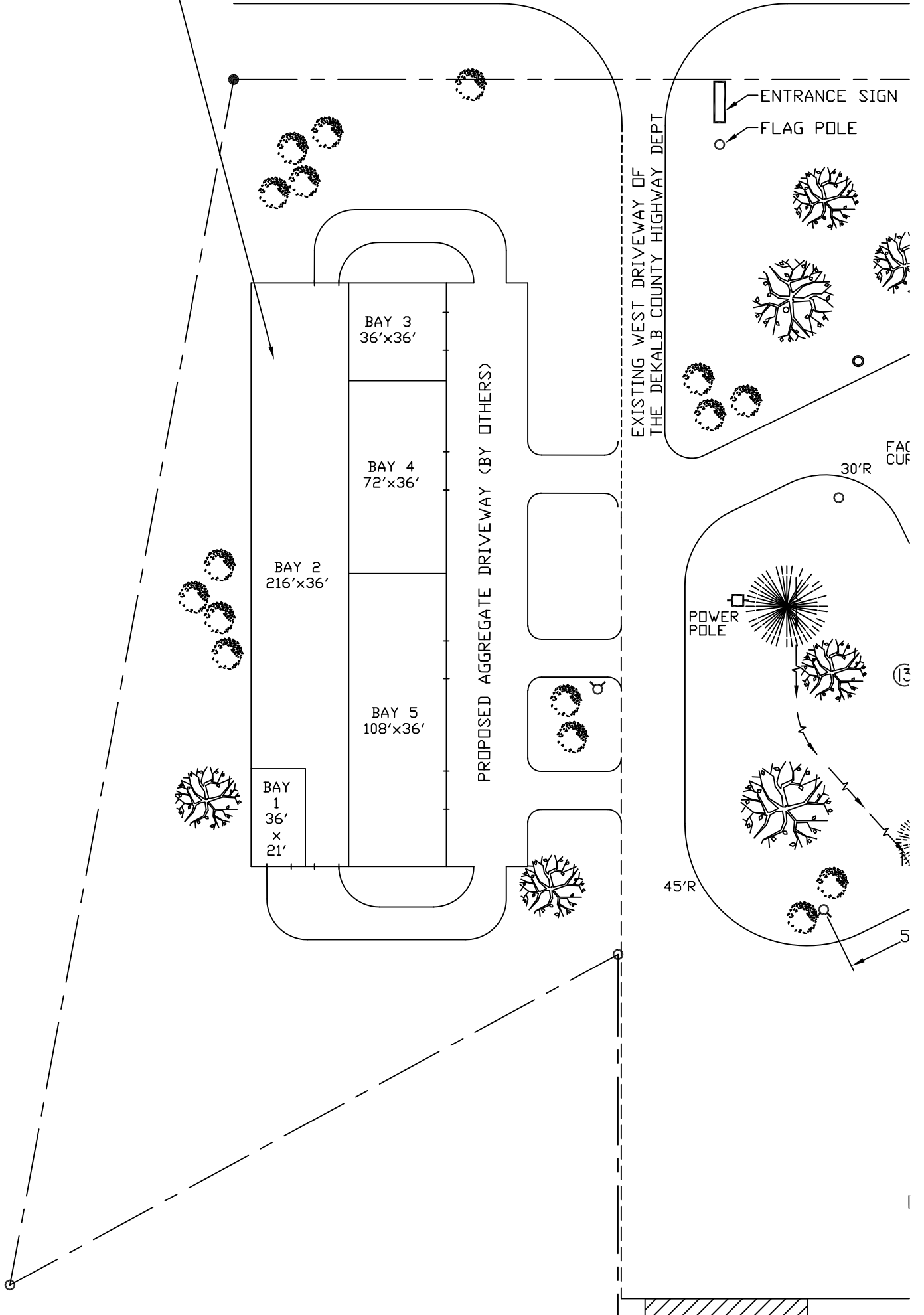


DeKalb County Highway Department
1826 Barber Greene Road, DeKalb, IL

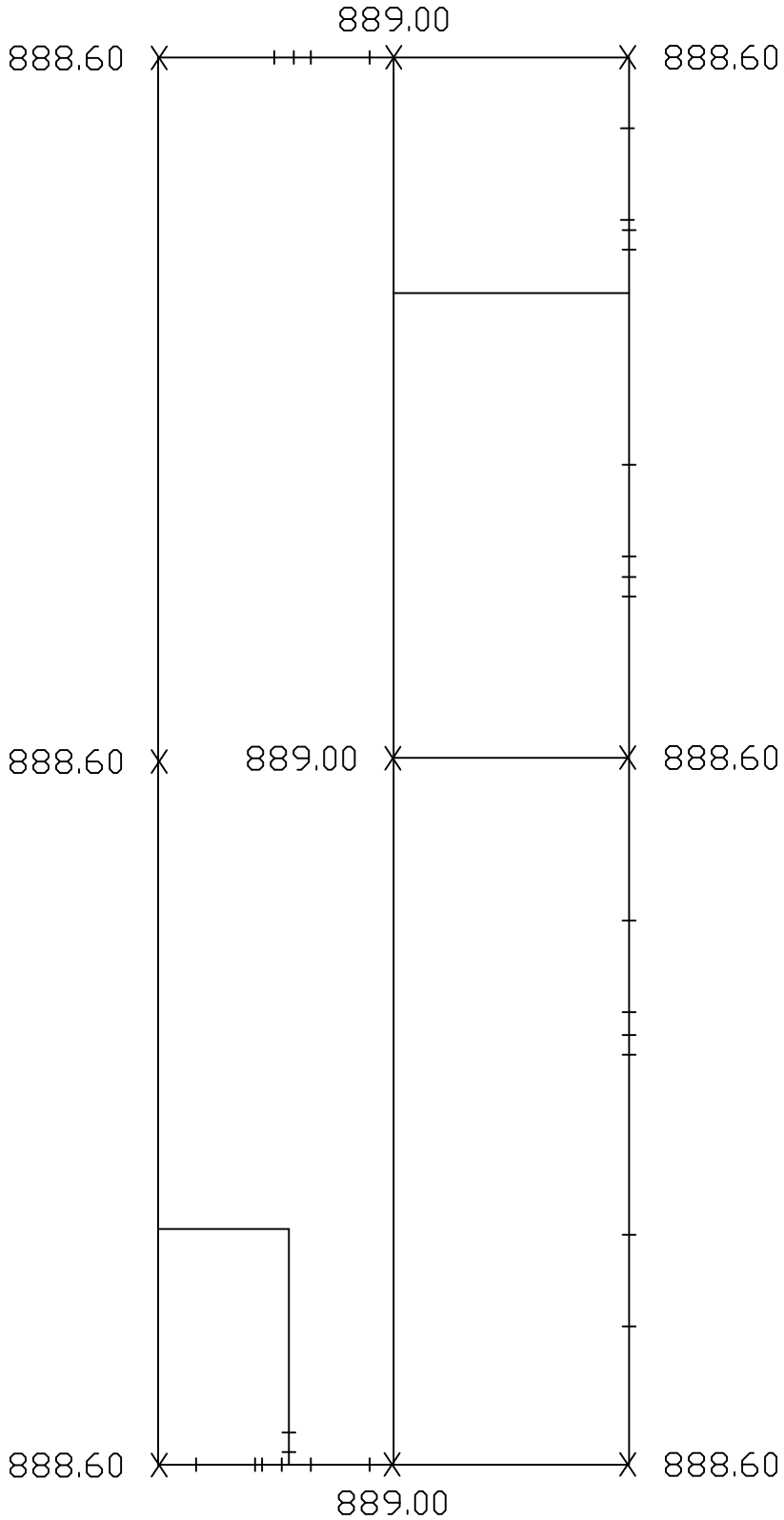
1/3 mi east of Illinois Route 23 on the south side of Barber Greene Road
1/3 mi west of Peace Road on the south side of Barber Greene Road

PROPOSED 216' X 72'
EQUIPMENT STORAGE BUILDING

BARBER GREENE RD



PROPOSED 216' X 72'
EQUIPMENT STORAGE BUILDING
FLOOR ELEVATIONS

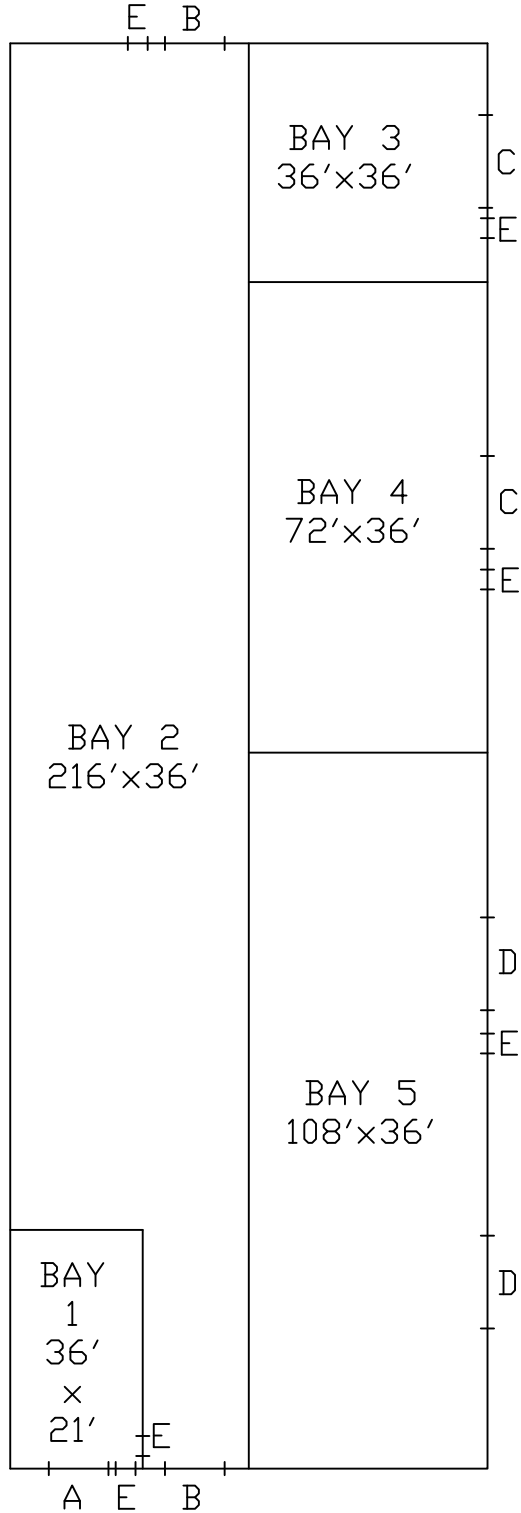


REINFORCED CONCRETE
FLOOR THICKNESS = 6"

REINFORCED CONCRETE
WALLS ALONG EXTERIOR
EDGES SHALL EXTEND
4' ABOVE FINISHED
FLOOR ELEVATION
WITH A WIDTH OF 8"

ROOF SLOPE SHALL BE
1 INCH IN 12 INCHES

PROPOSED 216' X 72'
EQUIPMENT STORAGE BUILDING
ENTRANCES



OVERHEAD DOORS

LOCATION	W	X	H
A	9'	X	8'
B	9'	X	12'
C	16'	X	14'
D	20'	X	14'

SERVICE DOORS (3' X 6'-8")
LOCATION
E