

The County of Barry is accepting sealed bids for HVAC service. The term of the contract will be for the year beginning November 1, 2018 and ending October 31, 2021. The closing date for the bid is October 5th at 2:00 p.m. Bids must be submitted to Barry County Buildings and Grounds, 220 W. State Street, Hastings, MI 49058 in a sealed envelope clearly marked "HVAC BID" A copy of the invitation to bid may be requested in person at the Buildings and Grounds office, 117 S. Broadway, Hastings, MI 49058 or may be obtained at the County webpage - Barrycounty.org. Specific questions regarding the Invitation to Bid may be directed to Tim Neeb, Building and Grounds Supervisor at (269) 838-7084.

Invitation for Bid – Issued 9-6-2018

HVAC BID

Barry County Buildings and Grounds Department
220 W. State Street
Hastings, MI 49058
(269) 945-1293

1. Barry County is requesting bids for the maintenance of its HVAC systems in the following buildings: Barry County Courthouse, Barry County Courts and Law, Barry County Annex, Barry County Friend of the Court, Barry County Health Department, Barry County Commission on Aging, and Barry County Sheriffs Department and Jail. The term of the contract shall be for three years, effective November 01, 2018 through October 31, 2021.
2. Bids shall be mailed or delivered to the Barry County Buildings and Grounds, 220 W. State Street, Hastings, MI 49058, in a sealed envelope marked “HVAC BID” by October 5th, 2018 at 2:00p.m
3. Bids opened by mistake due to improper identification will be rejected and returned.
4. Discount payment within a specified period of time will not be considered in evaluation of bids for award. Such discounts will be taken if payment can be made in that period, even though they are not considered in evaluation of the bid.
5. The bids shall be legibly prepared with ink or typed. If a unit price or extension already entered by a bidder on the bid form is to be altered, it should be crossed out with ink, the new unit price or extension entered above or below and initialed by the bidder, also with ink. The bid shall be legally signed and the complete address of the bidder given thereon.
6. Bids may be withdrawn in person by a bidder or his authorized representative provided his identity is made known, and he signs a receipt for the bid; but only if the withdrawal is made prior to the exact time set for receipt for bids.
7. The County is not subject to sales tax and as such it shall not be included in the final bid.

8. **NO BID MAY BE WITHDRAWN FOR AT LEAST 90 DAYS AFTER BID OPENING.**
9. Bidders are cautioned that any alternate bid, unless specifically requested, or any changes, insertions, omissions, to the terms and conditions, specifications or any other requirement of this invitation may be considered non-responsive and at the option of the County may result in rejection of the bid.
10. The County of Barry reserves the right to accept or reject any and all bids and to waive any informalities and minor irregularities in bids received.
11. The bid will be awarded to that responsible bidder(s) whose bid, conforming to this solicitation will be the most advantageous to the County, price and other factors considered.
12. Award of this bid and authorization to proceed is dependent on sufficient funds being available.
13. Award of this bid may be split if no vendor is able to satisfactorily meet all specifications.
14. The contact person regarding this bid is Tim Neeb, Buildings and Grounds Supervisor, (269) 945-1293 or (269) 838-7084 (cell phone).
15. A walkthrough the buildings may be done by appointment at 9:30 am, on Wednesday, September 26th. Please schedule this with Tim Neeb.
16. A vendor selected as a contractor shall, at its own expense, protect, defend, indemnify, save and hold harmless Barry County and their elected and appointed officers, employees and agents from all claims, damages, lawsuits, costs and expenses including, but not limited to, all costs from administrative proceedings, court costs and attorney fees that Barry County and their elected and appointed officers, employees and agents may incur as a result of the acts, omissions or negligence of the contractor or its employees, servants, agents or subcontractors that may arise out of the agreement.
The contractor's indemnification responsibility under this section shall include the sum of damages, costs and expenses which are in excess of the sum of damages, costs and expenses which are paid out in behalf of or reimbursed to the County and their officers, employees and agents by the insurance coverage obtained and/or maintained by the contractor.

17. This agreement shall be construed according to the laws of the State of Michigan. Barry County and the Contractor agree that the venue for any legal or equitable action under this agreement shall be established in accordance with the statutes of the State of Michigan and/or Michigan Court Rules. In the event that any action is brought under this agreement in Federal Court, the venue for such action shall be the Federal Judicial District of Michigan, Western District, South Division.
18. Vendors shall render the services to be provided pursuant to this agreement in compliance with all applicable Federal, State, and local laws, ordinances, rules, and regulations.
19. The Proposer who is selected as the Contractor shall be an Independent Contractor. The employees, servants and agents of the Contractor shall not be deemed to be and shall not hold themselves out as employees, servants, or agents of the County and shall not be entitled to any fringe benefits received by the County's personnel, such as, but not limited to, health and accident insurance, life insurance, longevity or paid sick or vacation leave.
20. The Proposer who is selected as the Contractor shall purchase and maintain insurance not less than the limits set forth below. All coverage shall be with insurance companies licensed and admitted to do business in the State of Michigan and have a minimum A. M. Best Company's Insurance Reports rating of A or A-(Excellent).
 - a) Worker's Disability Compensation Insurance including Employers Liability Coverage in accordance with all applicable Statutes of the State of Michigan.
 - b) Commercial General Liability Insurance on an "Occurrence Basis" with limits of liability not less than \$1,000,000 per occurrence and/or aggregate combined single limit. Coverage shall include the following: (A) contractual liability; (B) products and completed operations; (C) Independent Contractor's Coverage; (D) Broad Form General Liability Endorsement or Equivalent.
 - c) Motor Vehicle Liability Insurance, including Michigan No-Fault Coverage, with limits of liability of not less than \$1,000,000 per occurrence combined single limit Bodily Injury and Property Damage. Coverage shall include all owned vehicles, all non-owned vehicles and all hired vehicles.
 - d) Professional Liability Insurance (Errors and Omissions) shall be maintained during the life of this contract with limits of liability of not less than \$1,000,000 per claim.
 - e) Additional Insured - Commercial General Liability Insurance, as described above, shall include an endorsement stating the following shall be "Additional Insureds": Barry County, all elected and appointed officials, all employees and volunteers, all boards, commissions and/or authorities and board members, including employees and volunteers thereof.

f) Cancellation Notice - All insurances described above shall include an endorsement stating the following: “It is understood and agreed that thirty (30) days advanced written notice of cancellation, non-renewal, reduction and/or material change shall be sent to: Barry County Administrator, 220 W. State St., Hastings, MI 49058.”

g) Proof of Insurance - The vendor shall provide to Barry County at the time the contracts are returned by it for execution, two (2) copies of certificates of insurance for each of the and policies mentioned above. If so requested, certified copies of all policies will be furnished.

BID SPECIFICATIONS

1. Tasking will be done 4 times per year as specified for each building.
2. Detailed copies of tasking sheets will be left or mailed to the facility manager, showing all work completed.
3. All additional repair work will be quoted to the facility manager for approval prior to work being done.
4. All costs for tasking are to be included in this bid. Barry County will not be responsible for consumable materials, fuel surcharges, environmental fees, misc. expenses, etc.
5. **All pneumatic controls** are to be included in this contract. Vendor must note on bid if any control work will be sub-contracted to another vendor.
6. Emergency Service will be available 24 hours a day, 7 days a week.
7. Response time will be within 2 hours of placing an emergency service call and within 4 hours for a non-emergency call.
8. Unless prearranged, failure to perform required inspection, filter change, and quarterly service will result in a refund to Barry County for 25% of the contract cost for the year.
9. This contract may be canceled by either party with 30 days notice. Individual facility managers may also cancel their portion of the contract without any effect on the remaining contract.
10. Invoicing for each building will be separate and sent to each facility manager. Invoicing will be done quarterly after the completion of tasking.
11. All preventative maintenance and non-emergency repair will be done between the hours of 8AM and 4PM Monday through Friday.
12. All work is to be done in a professional and courteous manner.
13. All filters supplied will be Pleated, 30% efficient, with a MERV6 rating unless otherwise noted.
14. Scheduled tasking is to be scheduled 1 week in advance with the Facility Manager.
15. Barry County agrees to provide reasonable access to all areas and equipment. Equipment may be started and stopped as needed to perform required tasking or repairs.
16. The equipment list provided is current, to the best of Barry County's knowledge, at the time of bid. Additions, deletions, or changes may be required during the contract period.

PLANNED MAINTENANCE OPTION 1

Fall service

Check boiler low water cut-off, clean, and document inspection
Check expansion tanks-adjust levels as necessary
Test glycol levels
Check water make-up valve, clean or replace strainer
Check all equipment water valves for full open and full close
Check all boiler safety release valves
Check all equipment for leaks-water or gas
Check all equipment for proper operation
Check for proper boiler sequence
Check boiler operating controls
Check boiler make-up air system
Check and tighten all electrical connections
Check and record all amperages and voltages
Confirm CSD-1 testing
Remove and clean heat exchanger (All high efficiency boilers)
Check and clean all burner assemblies
Check and adjust burners for maximum efficiency
Clean fan blade
Check fan rotation
Lubricate fan motor
Replace air filter
Clean air coils
Clean condensate pans-add algaecide tablet as needed
Check condition of all hoses and belts
Check proper tensioning of all belts
Check for proper reversing valve operation-heat pumps
Check suction and discharge refrigerant pressures-heat pumps
Check the discharge temperatures in both the heat and cool mode-heat pumps
Check heat rejection temperature in and out to assure proper flow-heat pumps
Lubricate motor bearings per manufacturer's recommendation
Lubricate pump bearings per manufacturer's recommendation
Check proper alignment of all motors, pumps and couplings
Check mechanical seals
Check and clean all strainers
Check and tighten all nuts and bolts
Check all motor mounts and vibration pads
Check pump packing and adjust as needed
Put cooling towers and chillers in winter mode
Check all control valves and wiring
Check all damper actuators and linkages
Change oil in air compressor
Check air dryer for proper operation

Winter Service

Check boiler low water cut-off, clean, and document inspection
Check expansion tanks-adjust levels as necessary
Check all boiler safety release valves
Check and adjust burners for maximum efficiency
Replace air filter
Check condition of all hoses and belts
Check proper tensioning of all belts
Check and tighten all nuts and bolts
Check oil in air compressor

Spring Service

Check all equipment for proper operation
Check expansion tanks-adjust levels as necessary
Check and record all amperages and voltages
Clean fan blade
Check fan rotation
Lubricate fan motor
Replace air filter
Replace all belts
Clean air coils
Clean condensate pans-add algaecide tablet as needed
Blow out drain lines to make free from obstruction
Check condition of all hoses and belts
Check proper tensioning of all belts
Check for proper reversing valve operation-heat pumps
Check suction and discharge refrigerant pressures-heat pumps
Check the discharge temperatures in both the heat and cool mode-heat pumps
Check heat rejection temperature in and out to assure proper flow-heat pumps
Lubricate motor bearings per manufacturer's recommendation
Lubricate pump bearings per manufacturer's recommendation
Check proper alignment of all motors, pumps and couplings
Check mechanical seals
Check and clean all strainers
Check and tighten all nuts and bolts
Check all motor mounts and vibration pads
Check pump packing and adjust as needed
Check all control valves and wiring
Check all damper actuators and linkages
Check air dryer for proper operation
Check/change oil in air compressor
Put cooling towers and chillers in summer mode
Remove all debris from within and around cooling tower unit
Clean cooling tower strainer
Check overflow, drain, and float switch

Summer Service

Replace air filter

Check condition of all hoses and belts

Check proper tensioning of all belts

Check and tighten all nuts and bolts

Check oil in air compressor

Remove all debris from within and around cooling tower unit

Clean cooling tower strainer – Check float switch

PLANNED MAINTENANCE OPTION 2

Planned maintenance Option 2 will include all the specifications of Option 1 plus the following additions:

1. All parts and labor to repair or replace all doubtful or failed maintainable parts and components in the heating, air conditioning, or control systems.
2. All parts shall be replaced with like or current design parts and components.
3. All overtime, 24 hours a day-7 days a week, to maintain or repair all covered components and parts.
4. Non-maintainable parts are not covered under this contract. This would include, but not be limited to the following: Duct work, piping, shell and tube, unit cabinets, boiler refractory material, heat exchangers, insulation material, electrical wiring, hydronic and pneumatic piping, structural supports, and other non-moving parts.
5. Any costs necessary to bring equipment up to a maintainable condition will be extra. It is the contractor's responsibility to provide an estimate to Barry County for these repairs. Appointments to inspect these buildings will be available on Wednesday September 26th.

BUILDING, FACILITY MANAGER, AND EQUIPMENT LIST

Barry County Commission on Aging
320 W. Woodlawn Ave.
Hastings, MI 49058

Facility Manager: Tammy Pennington – tpennington@barrycounty.org
Phone: (269) 948-4856
Contract Type: Planned Maintenance Option 1
Bill to Address: Same

EQUIPMENT LIST

<u>Manufacturer</u>		<u>Model</u>	<u>Location</u>
LG		LSU 093HE	Executive Suite
Carrier		40QNH012300	Nutrition Office
Carrier		40QNE009100	Nurses Office
Carrier		58MCA080	Adult Day Care
Carrier		58MCA040	Craft Room
Carrier		58MCA080	Dining Room
Greenheck	RTU	TSCP PGX-108-H12-DB*	Kitchen
Carrier	RTU	48GS-030060301	4 Person Office
Carrier	RTU	48TFD012---511--	Large Multiperson Room
Carrier	RTU	48GS-036090311--	Kitchen

Barry County Central Dispatch
2600 Nashville Rd.
Hastings MI, 49058

Facility Manager: Stephanie Lehman
Phone: 948-4865
Contract type Option 1
Bill to address Same

EQUIPMENT LIST

<u>Manufacturer</u>	<u>Model</u>	<u>Serial #</u>	<u>New</u>
Comfortmaker Gas Furnace	N9MSE0401410A	A134146494	Mar-14
Comfortmaker Gas Furnace	N9MSE0401410A	A133946537	Mar-14
Comfortmaker Gas Furnace	N9MSE1002120A	A140647143	Mar-14
Comfortmaker Gas Furnace	N9MSE1002120A	A140443740	Mar-14
Comfortmaker Gas Furnace	N9MSE1002120A	A134746970	Mar-14
Tempstar Gas Furnace	N9MSE1002120A1	A140647129	Sep-14
Comfortmaker Condensing Unit	N4A360AKC400	E141411392	Mar-14
Comfortmaker Condensing Unit	N4A360AKC400	E132314516	Sep-14
Comfortmaker Condensing Unit	N4A324AKC100	E140210453	Mar-14
Comfortmaker Condensing Unit	N4A324AKB200	E132201325	Mar-14
Comfortmaker Condensing Unit	N4A324AKB200	E130104290	Mar-14
Comfortmaker Condensing Unit	N4A324AKB300	E133120572	Mar-14

Barry County Friend of the Court
102 S. Broadway
Hastings, MI 49058

Facility Manager: Tim Neeb – tneeb@barrycounty.org
Phone: (269) 945-1293
Contract type: Planned Maintenance Option 1
Bill to Address: Barry County Buildings and Grounds
220 W. State Street
Hastings, MI 49058

EQUIPMENT LIST

<u>Manufacturer</u>	<u>Model</u>	<u>Location</u>
Goodman Condenser	CKL30-1D	Ground
Goodman Condenser	CKL24-1D	Ground
Goodman Condenser	CKL24-1D	Ground
Goodman Condenser	CKL36-1D	Ground
Goodman RTU	PGB036100-1A	Roof
Goodman RTU	PGB036100-1A	Roof
Goodman RTU	PBG030075-1	Roof
Bell and Gossett Pump	J10	Boiler Room
Weil McLain Boiler	PFG7PIN	Boiler Room
(5) ea. Williamson-FA Furnace**		Furnace Room

** Units have attached Carrier Mechanical Air Cleaners. Air filters will be replaced 2 times per year.

Barry County Animal Control
504 N. Industrial Park
Hastings, MI 49058

Facility Manager: Tim Neeb – tneeb@barrycounty.org
Phone: (269) 945-1293
Contract Type: Planned Maintenance Option 1
Bill to Address: 220 W. State Street
Hastings, MI 49058

EQUIPMENT LIST

<u>Manufacturer</u>	<u>Model</u>	<u>Location</u>
Reznor	RG3508SHVEAZC66KINU	W. Side of Bldg.
Trane	YHC048F1EHB1R	N. Side of Bldg
Reznor	Gas Unit heater	Garage
	Exhaust Fan	Attic

BUILDING, FACILITY MANAGER, AND EQUIPMENT LIST

Barry County Sheriff Dept.

1212 W. State Street

Hastings, MI 49058

Facility Manager: Pete Nevins – pnevins@barrycounty.org

Phone: (269) 948-4805/(269) 945-1293

Contract Type: Planned Maintenance Option 1

Bill to Address: Same

EQUIPMENT LIST

<u>Manufacturer</u>	<u>Model</u>	<u>Location</u>
Carrier	48SD02406031	Roof
Dunham Bush	Air Handler#MZ32	Attic Crawlspace
Dunham Bush	Air Handler#MZ32	Attic Crawlspace
Modine	Unit Heater-	Attic Crawlspace
Lochinvar	Boiler – KBN 801	Mechanical Room
Teledyne Laars	Boiler#A98CF0220	Mechanical Room
Modine	Unit Heater-	Mechanical Room
Bradford White	DM100L1993N Wtr Htr	Mechanical Room
Bell and Gossett	Pump-3/4 hp	Mechanical Room
Carrier	30HWA025 compressor	Mechanical Room
Dayton	Motor-3/4 hp	Mechanical Room
Watts Rimmer	Pump-	Mechanical Room
Carrier	Chiller#30HJ025-400	Mechanical Room
Carrier	Condensor#09DK-028-500	Ground
Modine	Unit Heater-	Garage
Carrier	48TCFD08B2G5A0A0A0A	Roof
Carrier	48TCFD08B2G5A0A0A0A	Roof
Carrier	48TCFD12B2G5A0A0A0	Roof
Duo Aire	Make up Air#AA1	Roof
(2) ea. Lauren Cook	Exhaust Fan	Roof
Trane	RTU#YDC090D3HCBE	Roof
Trane	RTU#YSC060E3EHA0000	Roof
Trane	RTU#YCC024F1LOBE	Roof
Trane	RTU#YCC024F1LOBE	Roof
Sanyo	Condenser#CL1211	Roof
(5) ea. Carnes	Exhaust fans	Roof
LG	LSU122HE Condensor	Locker Room
LG	Rm AC Unit	Locker Room
Fujitsu	AOU12RLQ Condensor	Jail Admin. Office
Fujitsu	ASU12RLQ Rm AC Unit	Jail Admin. Office
Fujitsu	AOU18RLX Condensor	Classroom
Fujitsu	Rm AC Unit	Classroom
Fujitsu	AOU18RLX Condensor	Detective Office
Fujitsu	Rm AC Unit	Detective Office

BUILDING, FACILITY MANAGER, AND EQUIPMENT LIST

Barry-Eaton Health Department
330 W. Woodlawn
Hastings, MI 49058

Facility Manager: Tim Neeb – tneeb@barrycounty.org
Phone: (269) 945-1293
Contract Type: Planned Maintenance Option 1
Billing Address: Barry County Buildings and Grounds
220 W. State Street
Hastings, MI 49058

EQUIPMENT LIST

<u>Manufacturer</u>	<u>Model</u>	<u>Location</u>
Mammoth Heat Pump	F024HHN-800CFM	HP101- Room. 117
Mammoth Heat Pump	F052HHN-1800CFM	HP102- Room 123
Mammoth Heat Pump	D024HHN-800CFM	HP103- Room 121
Mammoth Heat Pump	D024HHN-800CFM	HP104- Room 122
Mammoth Heat Pump	F052HHN-1800CFM	HP105- Room 108
Mammoth Heat Pump	F024HHN-800CFM	HP106- Room 104
Mammoth Heat Pump	D019HHN-750CFM	HP107- Room 104
Mammoth Heat Pump	F030HHN-1000CFM	HP108- Room 103
Mammoth Heat Pump	F030HHN-1000CFM	HP109- Room 133
Mammoth Heat Pump	F024HHN-800CFM	HP110- Room 165
Mammoth Heat Pump	D013HHN-400CFM	HP111- Corridor 160
Mammoth Heat Pump	F036HHN-1400CFM	HP112- Corridor 161
Mammoth Heat Pump	F030HHN-1000CFM	HP113- Room 131
Mammoth Heat Pump	F030HHN-1000CFM	HP114- Room 131
Mammoth Heat Pump	F036HHN-1400CFM	HP115- Corridor 148
Mammoth Heat Pump	F043HHN-1400CFM	HP116- Corridor 148
Mammoth Heat Pump	F024HHN-800CFM	HP01- Room 10
Mammoth Heat Pump	F024HHN-800CFM	HP02- Room 10
Mammoth Heat Pump	F030HHN-1000CFM	MUA1- Room 118
Mammoth Heat Pump	F036HHN-1400CFM	MUA2- Room 104
Mammoth Heat Pump	F036HHN-1400CFM	MUA3- Room 151
Lochinvar Boiler	CHN0651-650K BTU	Mechanical Room
Bell and Gossett Circ. Pump	3AC-2HP	P-1 Mechanical Room
Bell and Gossett Circ. Pump	3AC-2HP	P-2 Mechanical Room
Bell and Gossett Circ. Pump	3AC-3HP	P-3 Mechanical Room
Bell and Gossett Circ. Pump	3AC-3HP	P-4 Mechanical Room
Bell and Gossett Circ Pump	2.5-1/4 HP	P-5 Mechanical Room

BUILDING, FACILITY MANAGER, AND EQUIPMENT LIST

Barry-Eaton Health Department (continued)
330 W. Woodlawn
Hastings, MI 49058

EQUIPMENT LIST

<u>Manufacturer</u>	<u>Model</u>	<u>Location</u>
Bell and Gossett Circ. Pump	1.5AA-1/3HP	P-6 Mechanical Room
Bell and Gossett Circ. Pump	1.5AA-1/3HP	P-7 Mechanical Room
Bell and Gossett Circ. Pump	LR20BF-1/20HP	P-8/HP01- Room 10
Bell and Gossett Circ. Pump	LR20BF-1/20HP	P-9/HP02- Room 10
Bell and Gossett Circ. Pump	LR20BF-1/20HP	P-10/MUA1- Room 118
Bell and Gossett Circ. Pump	LR20BF-1/20HP	P-11/MUA2- Room 104
Bell and Gossett Circ. Pump	LR20BF-1/20HP	P-12/MUA3- Room 151
Bell and Gossett Circ. Pump	1.5AA-1/4HP	P-13 Mechanical Room
Bell and Gossett Circ. Pump	LR20BF-1/20HP	P-14/Mechanical Room
Frick/York Cooling Tower	EFC-C 123-4	Ground
Honeywell DDC Controller		

Tyden Center
120 Church Street
Hastings, MI 49058

Facility Manager: Tim Neeb – tneeb@barrycounty.org
Phone: (269) 945-1293
Contract Type: Planned Maintenance Option 1
Billing Address: Barry County Buildings and Grounds
220 W. State Street
Hastings, MI 49058

EQUIPMENT LIST

<u>Manufacturer</u>	<u>Model</u>	<u>Location</u>
Lochinvar Boiler		Basement
Greenheck Air Handler	VFCD-1300	Basement
WEG Pump		Basement
Bradford White water heater	LG3PV5OH653N	Basement
Trane	TSC036	Roof
Trane	TSC048	Roof
Trane	TSC060	Roof

BUILDING, FACILITY MANAGER, AND EQUIPMENT LIST

Barry County Courts and Law Building
206 W. State Street
Hastings, MI 49058

Facility Manager: Tim Neeb – tneeb@barrycounty.org
Phone: (269) 945-1293
Contract Type: Planned Maintenance Option 1
Billing Address: Barry County Buildings and Grounds
220 W. State Street
Hastings, MI 49058

EQUIPMENT LIST

<u>Manufacturer</u>	<u>Unit #</u>	<u>Model</u>	<u>CFM</u>	<u>Location</u>
McQuay Heat Pump	HP1	042	1340	1 st Floor
McQuay Heat Pump	HP2	036	1190	1 st Floor
McQuay Heat Pump	HP3	030	1005	1 st Floor
McQuay Heat Pump	HP4	036	1190	1 st Floor
McQuay Heat Pump	HP5	015	530	1 st Floor
McQuay Heat Pump	HP6	024	770	1 st Floor
McQuay Heat Pump	HP7	036	1190	1 st Floor
McQuay Heat Pump	HP8	015	465	1 st Floor
McQuay Heat Pump	HP9	012	365	1 st Floor
McQuay Heat Pump	HP10	048	1570	2 nd Floor
McQuay Heat Pump	HP11	036	1190	2 nd Floor
McQuay Heat Pump	HP12	048	1570	2 nd Floor
McQuay Heat Pump	HP13	024	900	2 nd Floor
McQuay Heat Pump	HP14	015	610	2 nd Floor
McQuay Heat Pump	HP15	030	850	2 nd Floor
McQuay Heat Pump	HP16	030	850	2 nd Floor
McQuay Heat Pump	HP17	024	900	2 nd Floor
McQuay Heat Pump	HP18	006	220	2 nd Floor
McQuay Heat Pump	HP19	048	1570	3 rd Floor
McQuay Heat Pump	HP20	036	1190	3 rd Floor
McQuay Heat Pump	HP21	048	1570	3 rd Floor
McQuay Heat Pump	HP22	024	900	3 rd Floor
McQuay Heat Pump	HP23	024	770	3 rd Floor
McQuay Heat Pump	HP24	024	770	3 rd Floor
McQuay Heat Pump	HP25	042	1340	3 rd Floor
McQuay Heat Pump	HP26	012	365	3 rd Floor
McQuay Heat Pump	HP27	042	1080	3 rd Floor
McQuay Heat Pump	HP28	060	1880	Basement
McQuay Heat Pump	HP29	012	365	2 nd Floor

BUILDING, FACILITY MANAGER, AND EQUIPMENT LIST

Barry County Courts and Law Building (continued)
206 W. State Street
Hastings, MI 49058

EQUIPMENT LIST

<u>Manufacturer</u>	<u>Unit #</u>	<u>Model</u>	<u>CFM</u>	<u>Location</u>
McQuay Heat Pump	HP30	012	365	3 rd Floor
McQuay Heat Pump	HP31	006	260	Basement
McQuay Heat Pump	HP32	006	260	2 nd Floor
McQuay	AHU1	LSL1170H	7300	Mech Room
Carnes	EF1		7500	Garage
Carnes	EF2		2500	Mech Room
Lochinvar Boiler	#1	CBN0760	585,200 btu/hr	Mech Room
Lochinvar Boiler	#1	CBN0760	585,200 btu/hr	Mech Room
Carnes Humidifier	HUM1	HCAE		Basement
IMECO Cooling Tower	CT-1	EFC-C 123-3		Ground
McQuay Condenser	CC-1	ALPO13C		Ground
McQuay Cab Heater	CH-1		185	Stairway
McQuay Cab Heater	CH-2		270	Vestibule
McQuay Cab Heater	CH-1		185	Stairway
Bell & Gossett	P1	2BC 7.125		Mech Room
Bell & Gossett	P2	2BC 7.125		Mech Room
Bell and Gossett	P3	60		Mech Room
Bell and Gossett	P4	60		Mech Room
Bell and Gossett	P5	60		Mech Room
Bell and Gossett HWH	P6	PRAB-F39		Mech Room

BUILDING, FACILITY MANAGER, AND EQUIPMENT LIST

Barry County Courthouse and Annex
220 W. State Street
Hastings, MI 49058

Facility Manager: Tim Neeb – tneeb@barrycounty.org
Phone: (269) 945-1293
Contract Type: Planned Maintenance Option 2
Billing Address: Same

EQUIPMENT LIST

<u>Manufacturer</u>	<u>Unit #</u>	<u>Model</u>	<u>CFM</u>	<u>Location</u>
McQuay Air Handler	AHU1	LSL111-CH		Attic
McQuay Air Handler	AHU2	BYME036-0420		Attic
McQuay Air Handler	AHU3	LSL106-CH		Attic
McQuay Air Handler	AHU4	LSL106-CH		Attic
McQuay Air Handler	AHU5	LSL104-CV		Basement
McQuay Air Handler	AHU6	LSL104-CV		Basement
McQuay Air Handler	AHU7	LSL104-CV		Basement
McQuay Air Handler	AHU8	LSL104-CV		Basement
Lochinvar Boiler	BLR1	KBN 801		Basement
Lochinvar Boiler	BLR1	KBN 801		Basement
Carnes Makeup air Unit	MUA1	V18A1245111N04A1		Basement
McQuay Chiller	CHLR-1	ALR075C		Ground
Snyder General-Condenser	ACCU-2	ADO42G		Roof
Ducane	Ducane	AC10B24A		Ground
Emglo Air Comp.	PCMP1			Basement
Hanikinson Air Dryer	REFDRI	8010		Basement
Armstrong Pump	HWP1	4030BF		
Armstrong Pump	HWP2	4030BF		
Armstrong Pump	CWP1	4030BF		
Armstrong Pump	CWP2	4030BF		

BUILDING, FACILITY MANAGER, AND EQUIPMENT LIST

Barry County Courthouse and Annex (continued)
220 W. State Street
Hastings, MI 49058

EQUIPMENT LIST

<u>Manufacturer</u>	<u>Unit #</u>	<u>Model</u>	<u>Location</u>
Snyder General Fan Coil Units	CH1	CHF0003ALM2	1 st fl. CH
Snyder General Fan Coil Units	CH2	CHF0003ALM2	1 st fl. CH
Snyder General Fan Coil Units	CH3	CHF0003ALM2	1 st fl. CH
Snyder General Fan Coil Units	CH4	CHF0003ALM2	Bsmt CH
Snyder General Fan Coil Units	CH5	CHF0003ALM2	Bsmt CH
Snyder General Fan Coil Units	CH6	CHF0003ALM2	Bsmt CH
International Environmental	CH7		Server Rm
Snyder General Fan Coil Units	CH8	TSF041DL	1 st fl. Annex
Snyder General Fan Coil Units	CH9	TSF041DR	1 st fl. Annex
Snyder General Fan Coil Units	CH10	TSF031DR	1 st fl. Annex
Snyder General Fan Coil Units	CH11	TSF031DL	1 st fl. Annex
Snyder General Fan Coil Units	CH12	TSF031DR	1 st fl. Annex
Snyder General Fan Coil Units	CH13	TSF031DR	1 st fl. Annex
Snyder General Fan Coil Units	CH14	TSF031DR	1 st fl. Annex
Barber Colman Pneumatic Controls	CNTRL1		Courthouse

BID FORM

The undersigned having read all the terms, conditions, and specifications of the Invitation to Bid, hereby proposes the following prices:

- Barry County Commission on Aging-Option 1 _____
- Barry County Central Dispatch-Option 1 _____
- Barry County Central Dispatch-Option 2 _____
- Barry County Sheriff Department-Option 1 _____
- Barry County Friend of the Court-Option 1 _____
- Barry-Eaton Health Department-Option 1 _____
- Barry County Courts and Law-Option 1 _____
- Barry County Courthouse-Option 1 _____
- Barry County Courthouse-Option 2 _____
- Barry County Animal Control-Option 1 _____

Labor rate per hour _____

Signature

Name (typed or printed)

COMPANY NAME _____

ADDRESS _____

TELEPHONE _____ DATE _____