



CITY OF NOVI

INVITATION TO BID

**TWO (2) 2-TON HOT PATCHERS –
SPAULDING MFG. MN 1.31 OR EQUIVALENT**

The City of Novi will receive sealed bids for **Two (2) 2-Ton Hot Patchers-Spauldning Mfg. MN 1.31 or equivalent** according to the specifications of the City of Novi.

Sealed bids will be received until **3:00 P.M.** prevailing Eastern Time, **Thursday, July 31, 2008** at which time proposals will be opened and read. Bids shall be addressed as follows:

**CITY OF NOVI
OFFICE OF THE CITY CLERK
45175 W. Ten Mile Rd.
Novi, MI 48375-3024**

All bids must be signed by a legally authorized agent of the bidding firm.
ENVELOPES MUST BE PLAINLY MARKED

**“TWO (2) 2-TON HOT PATCHERS –
SPAULDING MFG. MN 1.31 OR EQUIVALENT”**

AND MUST BEAR THE NAME OF THE BIDDER.

The City reserves the right to accept any or all alternative proposals and award the contract to other than the lowest bidder, to waive any irregularities or informalities or both; to reject any or all proposals; and in general to make the award of the contract in any manner deemed by the City, in its sole discretion, to be in the best interest of the City of Novi.

Sue Morianti
Purchasing Manager
smorianti@cityofnovi.org

Notice Dated: July 17, 2008



CITY OF NOVI INSTRUCTIONS TO BIDDERS

TWO (2) 2-TON HOT PATCHERS – SPAULDING MFG. MN 1.31 OR EQUIVALENT

This section is intended to provide interested contractors with sufficient information to enable them to prepare and submit proposals for consideration by the City of Novi.

IMPORTANT DATES

Bid Issue Date	July 17, 2008
Last Date for Questions	July 24, 2008 by 12 noon
Bid Due Date	Thursday, July 31, 2008 at 3:00 p.m.

TYPE OF CONTRACT

If a contract is executed as a result of the quotation, it stipulates a fixed price for services.

PROPOSAL SUBMITTALS

Proposals shall consist of: Completed signature page, proposal form, and 7 page specifications compliance form.

Submitted proposals shall include **one (1) original** of the completed proposal and **two (2) copies** of the completed proposal in one envelope/package. No other distribution of the proposals will be made by the Contractor. Proposals must be signed by an official authorized to bind the Contractor to its provisions.

FAILURE TO SUBMIT PRICING ON THE PROPOSAL FORM PROVIDED BY THE CITY OF NOVI MAY CAUSE THE BID TO BE CONSIDERED NON-RESPONSIVE AND INELIGIBLE FOR AWARD.

To be considered, sealed proposals must arrive at the City of Novi and be “date & time stamped” on or before the specified time and date. There will be no exceptions to this requirement. Bid envelopes should be clearly labeled so they can be properly identified and stamped. The City of Novi shall not be held responsible for lost or misdirected proposals.

Contractors mailing proposals should allow ample time to ensure the timely delivery of their proposals. Proposals received after the closing date and time will not be accepted or considered. Faxed proposals are not acceptable.

Bids must be clearly prepared and legible and must be signed by an Officer of the submitting Company on the enclosed form. Proposals must show unit and total prices. **ANY CHANGES MADE ON PROPOSAL FORMS MUST BE INITIALED OR YOUR BID MAY BE CONSIDERED NON-RESPONSIVE.** Failure to include in the proposal all information requested may be cause for rejection of the proposal.

All proposals will remain valid for One Hundred and Twenty (120) days from due date and cannot be withdrawn during this period.

USE OF THE CITY LOGO IN YOUR PROPOSAL IS PROHIBITED.

The successful vendor will be prohibited from assigning, transferring, converting, or otherwise disposing of the contract agreement to any other person, company or corporation without the expressed written consent of the City of Novi. The use and scope of contractor responsibility must be clearly defined.

CONTRACT AWARD

The contract that will be entered into will be that which is most advantageous to the City of Novi, prices and other factors considered.

RIGHT OF REFUSAL

The City reserves the right to accept any or all alternative proposals and to award the contract to other than the lowest Bidder, waive any irregularities or informalities or both, to reject any or all proposals, and in general, to make the award of the contract in any manner deemed by the City, in its sole discretion, to be in the best interests of the City of Novi.

CHANGES TO THE BID

Should any prospective Bidder be in doubt as to the true meaning of any portion of the Request for Bid/Proposal, or should the Bidder find any patent ambiguity, inconsistency, or omission therein, the Bidder shall make a written request (via email) for official interpretation or correction. Such request shall be submitted to the Purchasing Manager by the date listed above. The individual making the request shall be held responsible for its prompt delivery.

Such interpretation or correction, as well as any additional Bid provisions that the City may decide to include, will be made as an addendum, which will be posted on the MITN website at www.mitn.info . Any addendum issued by the City shall

become part of the Bid Proposal and shall be taken into account by each bidder in preparing their proposal.

TAX EXEMPT STATUS

It is understood that the City of Novi is a governmental unit, and as such, is exempt from the payment of all Michigan State Sales and Federal Excise taxes. Do not include such taxes in the proposal figure. The City will furnish the successful bidder with tax exemption certificates when requested. The City's tax-exempt number is 38-6032551.

The following exception shall apply to installation projects: When sales tax is charged to the successful bidder for materials to be installed during the project, that cost shall be included in the "Complete for the sum of" bid price and not charged as a separate line item. The City is not tax exempt in this case and cannot issue an exemption certificate.

NON DISCRIMINATION

In the hiring of employees for the performance of work under this contract, neither the contractor, subcontractor, nor any person acting in their behalf shall by reason of religion, race, color, national origin, age, sex, height, weight, handicap, ancestry, place of birth, sexual preference or marital status discriminate against any person qualified to perform the work required in the execution of the contract.

ACCEPTANCE OF PROPOSAL CONTENT

Should a contract ensue, the contents of the proposal of the successful Bidder may become contractual obligations. Failure of a contractor to accept these obligations may result in cancellation of the award.

MATERIAL SUBMITTED

All documents, specifications, and correspondence submitted to the City of Novi become the property of the City of Novi and are subject to disclosure under the provisions of Public Act No. 442 of 1976 known as the "Freedom of Information Act". This Act also provides for the complete disclosure of contracts and attachments hereto. This means that any informational material submitted as part of this RFP is available without redaction to any individual or organization upon request.

ECONOMY OF PREPARATION

Proposals should be prepared simply and economically, providing a straightforward and concise description of the contractor's ability to meet the requirements of the bid. Emphasis should be on completeness and clarity of content. Included in the

response must be a point by point response to the Requirements and other sections of the bid.

INCURRING COSTS

The City of Novi is not liable for any costs incurred by bidders prior to issuance of a contract.

DISCLOSURE OF PROPOSAL CONTENT

After contract award, and upon written request, a summary of total price information for all submissions will be posted on the MITN website at www.mitn.info.

INDEPENDENT PRICE DETERMINATION

By submission of a proposal, the offerer certifies, and in case of a joint proposal, each party hereto certifies as to its own organization, that in connection with the proposal:

(a) The prices in the proposal have been arrived at independently without consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other offerer or with any other Competitor; and

(b) No attempt has been made or will be made by the offerer to induce any other person or firm to submit or not submit a proposal for the purpose of restricting competition.

Each person signing the proposal certifies that:

(c) He is the person in the offerer's organization responsible within that organization for the decision as to prices being offered in the proposal and that he has not participated and will not participate in any action contrary to (a) and (b) above; or

(d) He is not the person in the offerer's organization responsible within that organization for the decision as to prices being offered in the proposal but that he has been authorized in writing to act as agent for the persons responsible for such decisions in verifying that such persons have not participated, and will not participate, in any action contrary to (a) and (b) above, and that as their agent, does hereby so certify; and that he has not participated, and will not participate in any action contrary to (a) and (b) above.

A proposal will not be considered for award if the sense of the statements required in the proposal has been altered so as to delete or modify the above.

NOTICE:

The City of Novi officially distributes bid documents through the Michigan Intergovernmental Trade Network (MITN) website at www.mitn.info **Copies of bid documents obtained from any other source are not considered official copies.** The City of Novi cannot guarantee the accuracy of any information not obtained from the MITN website and is not responsible for any errors contained by any information received from alternate sources. Any and all Addenda issued by the City of Novi must be viewed or downloaded from the MITN website.

If you obtained this document from a source other than the source indicated, it is recommended that you register on the MITN website and obtain an official copy.



CITY OF NOVI
GENERAL CONDITIONS

PREPARATION OF BID/ REQUEST FOR PROPOSALS

1. Bidders/Proposers are expected to examine specifications and all instructions. Failure to do so will be at the bidder's risk.
2. The City of Novi is not liable for any costs incurred by bidders/proposers prior to issuance of an award/contract. Each bidder/proposer shall furnish all information required in the Bid/RFP package. Any erasures or changes must be initialed by the person signing the bid/proposal form. Corrections or modifications received after the closing time specified will not be accepted.
3. The City of Novi reserves the right to amend this bid prior to the bid opening date indicated. Only written addenda will be binding. If upon review, material errors in specifications are found, contact the Purchasing Department immediately, prior to the bid opening date to allow for review and subsequent clarification on the part of the City of Novi.

SUBMISSION OF BID/REQUEST FOR PROPOSALS

1. To be considered, each firm must submit a complete response. The bid/proposal must be signed by an authorized agent of the bidding/proposing firm to bind the submitter to its provisions.
2. An unbound original proposal with the required number of copies of the bid/proposal shall be submitted in a sealed envelope and shall include the following information on the face of the envelope:

Bidder's/Proposer's Name
Address
Name of Bid/RFP

Failure to do so may result in a premature opening or failure to open such proposal. Bidders must use attached bid proposal form when included. Those which do not comply with these conditions are subject to rejection.

3. Should any prospective bidder/proposer be in doubt as to the true meaning of any portion of this bid/RFP or should the prospective bidder/proposer find any patent ambiguity, inconsistency, or omission therein, the bidder/proposer shall make a written request for an official interpretation. Such request shall be submitted to the Purchasing Manager as specified in the Instructions to Bidders.

4. Such interpretation, as well as any additional information will be made only as an addendum which will be posted on the Michigan Intergovernmental Trade Network (MITN) website at www.mitn.info.
5. Bidders/Proposers are responsible for the timely receipt of their bid/RFP. Delays in the mail will not be considered. Any proposal received after the stated deadline will not be considered or opened. Faxed bids/proposals are not accepted.
6. A bid/RFP may be withdrawn by giving written notice to the Purchasing Director before the stated closing time. After the stated closing time, no bid/RFP may be withdrawn or canceled for a period of one hundred twenty (120) days after stated closing time.
7. The firm, by execution of the proposal, thereby declares that the proposal is made without collusion with any other person, firm, or corporation making any other proposal, or who otherwise would make a proposal.

DISCLOSURE

All information in the bidder's/proposer's proposal is subject to disclosure under the provisions of Public Act No. 442 of 1976 known as the "Freedom of Information Act". This act also provides for the complete disclosure of contracts and attachments thereto.

CONSIDERATION OF PROPOSALS

1. In cases where items are requested by a manufacturer's name, trade name, catalog number or reference, it is understood that the bidder/proposer intends to furnish the item so identified or an item of "equal" quality and value as determined by the City of Novi.

Reference to any of the above is intended to be descriptive, but not restrictive, and only indicates articles that will be satisfactory. Bids of "equal" quality and value will be considered, provided that the bidder/proposer states in his/her proposal what he/she proposed to furnish, including literature, or other descriptive matter which will clearly indicate the character of the item covered by such proposal.

2. The Purchasing Manager hereby reserves the right to approve as an "equal", any item proposed which contains minor or major variations from specification requirements, but which may comply substantially therewith.
3. Samples for testing may be requested by the City of Novi during bid/proposal evaluation. Samples shall be free to the City. Failure to provide samples or demonstrations on a timely basis will be justification for bid/proposal rejection.
4. All City of Novi purchases require a Material Safety Data Sheet, ("MSDS"), where applicable, in compliance with Miosha "Right To Know" law. The MSDS must include the following information:

- A. The chemical name and the common name of the toxic substance.
- B. The hazards or other risks in the use of the toxic substance, including:
 - 1) The potential for fire, explosion, corrosivity, and reactivity;
 - 2) The known acute and chronic health effects of risks from exposure, including the medical conditions which are generally recognized as being aggravated by exposure to the toxic substance; and
 - 3) The primary routes of entry and symptoms of overexposure.
- C. The proper precautions, handling practices, necessary personal protective equipment, and other safety precautions in the use of or exposure to the toxic substances, including appropriate emergency treatment in case of overexposure.
- D. The emergency procedure for spills, fire, disposal, and first aid.
- E. A description in lay terms of the known specific potential health risks posed by the toxic substance intended to alert any person reading this information.
- F. The year and month, if available, that the information was compiled and the name, address, and emergency telephone number of the manufacturer responsible for preparing the information.

BID/RFP AWARD

- 1. Upon receipt of materials, each bid/proposal will be reviewed. Bids/proposals may be reviewed with respect to, but not limited to, the following factors:
 - A. Unit Price - In case of mistakes in extension, the unit price shall govern.
 - B. Total Price
 - C. Delivery Time
 - D. City of Novi's evaluation of vendor's ability to perform.
 - E. Vendor's past performance record
 - F. City of Novi's experience with products bid
 - G. Results of testing samples (if requested)
 - H. Specific needs and requirements of the City of Novi
 - I. References

The departmental recommendation will be placed on the agenda for action by the City Council.

- 2. The City of Novi reserves the right to award the bid/proposal in its entirety or to subdivide the award according to the best interests of the City of Novi.
- 3. After contract award, a summary of total price information for all submissions will be furnished to those vendors participating in the bid/RFP.
- 4. The City may, from time to time, find it necessary to continue this contract on a month-to-month basis only, not to exceed a six (6) month period. Such month-to-

month extended periods shall be by mutual agreement of both parties, with all provisions of the original contract or any extension thereof remaining in full force and effect.

TERMS

1. All bid prices will be based on F.O.B. (City of Novi) our location.
2. It is understood that the City of Novi is a governmental unit, and as such, is exempt from the payment of all Michigan State Sales and Federal Excise taxes. Do not include such taxes in the proposal figure. The City will furnish the successful bidder with tax exemption certificates when requested. The City's tax-exempt number is 38-6032551.

The following exception shall apply to installation projects: When sales tax is charged to the successful bidder for materials to be installed during the project, that cost shall be included in the "Complete for the sum of" bid price and not charged as a separate line item. The City is not tax exempt in this case and cannot issue an exemption certificate.

3. Where applicable, a packing list shall accompany each shipment and shall include the following information:
 - A. Name and address of vendor
 - B. Name of requesting department
 - C. **CITY OF NOVI PURCHASE ORDER NUMBER**
 - D. Description of material shipped, including item numbers, quantity, number of packages.

4. Invoices shall be sent directly to:

THE CITY OF NOVI
ATTN: FINANCE DEPARTMENT
45175 West Ten Mile
Novi, Michigan 48375

INVOICES MUST CONTAIN THE CITY OF NOVI DEPARTMENT CODE AND PURCHASE ORDER NUMBER IN ORDER TO BE PROCESSED.

5. Fund Out -The City of Novi shall be the final authority as to availability of funds and how such available funds are to be allotted and expended. In the event funds for this project/purchase are not made available or otherwise allocated, the City of Novi may terminate this contract upon thirty (30) days prior written notice to the contactor.
6. Non-Performance – If in the opinion of the City of Novi, the contractor fails to perform after reasonable notice, or the contractor willfully or negligently does not comply with specifications, requirements, terms and conditions of the contract, the City reserves the right to cancel the contract by means of written notification.

CHECK LIST FOR BIDDERS

All information required by the terms of the bid documents must be furnished.

MISTAKES OR OMISSIONS CAN RESULT IN THE REJECTION OF YOUR BID.

Important items for you to check are included in, but not limited to, those listed below. This checklist is furnished only to assist you in submitting a proper bid. Check as you read.

- _____ Is the envelope containing your bid properly identified that it is a sealed bid and does it contain the correct project name and bid opening date?
- _____ Is your bid properly signed? (refer to bid documents)
- _____ If required, have you entered a unit price for each bid item?
- _____ Are decimals in unit price in the proper places? Are your figures legible?
- _____ Are any corrections initialed in ink and dated?
- _____ If required, are references included?
- _____ Will your bid arrive on time? Bids must be received by the time specified on the date specified. **Late bids will not be accepted.**
- _____ Are any bid bonds or bid deposits, if required, included in your bid package?
- _____ Addendum(s), if issued, acknowledged on your bid proposal?
- _____ Did you include an **unbound** original bid (**marked as "Original"**) plus the required number of copies of your bid? Please limit your bid to the required documents only. There is no need to include the entire bid package with your bid.



**CITY OF NOVI, MICHIGAN
PURCHASING DEPARTMENT**
45175 W. TEN MILE RD.
NOVI, MI 48375
(248) 347-0446

**TWO (2) 2-TON HOT PATCHERS –
SPAULDING MFG. MN 1.31 OR EQUIVALENT
SIGNATURE FORM**

Bid submitted by:

Name (printed) _____ Title: _____

Company (Legal Registration) _____

Address _____

City _____ State _____ Zip _____

Telephone _____ Fax _____

E-mail _____

Signature _____ Date _____

For information on responding to this bid, contact Sue Morianti – Purchasing Manager, at smorianti@cityofnovi.org

Submittal of Bids: Bids must be delivered prior to the due date and time specified above to the City of Novi, Office of the City Clerk, 45175 W. Ten Mile Rd., Novi, Michigan 48375. Bids must be submitted by person or mail. Faxed bids will not be accepted.

THE BID ENVELOPE MUST BE IDENTIFIED WITH THE FULL BID NAME AND DUE DATE.

THIS PAGE MUST BE INCLUDED WITH YOUR PROPOSAL.

NOTICE TO BIDDERS:

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If you obtained this document from a source other than the source indicated, it is recommended that you register on the MITN site, www.govbids.com, and obtain an official copy.



**CITY OF NOVI
PROPOSAL FORM**

**TWO (2) 2-TON HOT PATCHERS –
SPAULDING MFG. MN 1.31 OR EQUIVALENT**

We the undersigned as bidder, propose to furnish to the City of Novi, according to the conditions and instructions attached hereto and made a part thereof according to the attached terms and conditions.

A. Two (2) New 2-Ton Hot Patchers, Model MN1.31 or Equivalent

Manufacturer _____ Model _____

Unit Price _____ x 2 = \$ _____ Total

Delivery after receipt of order _____

Warranty _____

We acknowledge receipt of the following Addendums:
(please indicate numbers below)

Comments: _____



CITY OF NOVI

**TWO (2) 2-TON HOT PATCHERS –
SPAULDING MFG. MN 1.31 OR EQUIVALENT**

SPECIFICATIONS/COMPLIANCE

INTENT

It is the intent of this specification to provide for the purchase of two (2) new and unused trailer patchers. The specification as listed is based upon a Spaulding Manufacturing, Inc. MN 1.31 or equivalent. The **City of Novi's** Public Works Department has evaluated different types of trailer patchers and has determined that this product is best suited for the City's needs in safety, quality, performance, and standardization. This specification is not to be interpreted as restrictive, but rather as a measure of the safety, quality and performance against which all trailer patchers will be compared.

In comparing proposals, consideration will not be confined to price only. The successful bidder will be one whose product is judged to best serve the interests of the City when standardization, price, product, safety, quality and delivery are considered. The **City of Novi** reserves the right to reject any or all bids or any part thereof, and to waive any minor technicalities. A contract will be awarded to the bidder submitting the lowest responsible bid meeting the requirements of this specification.

EQUIVALENT PRODUCT

Bids will be accepted for consideration on any make or model that is equal or superior to the trailer patcher specified. Decisions of equivalency will be at the sole interpretation of the City. A blanket statement that equipment proposed will meet all requirements will not be sufficient to establish equivalence. Original manufacturer's brochures of the proposed unit are to be submitted with the proposal.

All modifications made to the standard production unit described in the manufacturer's brochures must be certified by the manufacturer and submitted with the bid, or the bid will be deemed "non-responsive" and rejected without further review. Bidder must be prepared to demonstrate a unit similar to the one proposed, if requested.

GENERAL SPECIFICATIONS OF 2-TON ASPHALT HAULER-DIESEL TRAILER

GENERAL

YES

NO

Single Axle trailer mounted asphalt hauler - 2-Ton capacity

Pintle Hitch with 3 inch I.D.

LED Tail lights, directional, and stoplights recessed into hopper

7-pole flat pin (RV style) plug in connector

Electric Brakes on all wheels with battery breakaway

6000 lb. heavy wall axle 6000 G.V.W.R.

HOPPER

2-Ton Capacity

Triple Wall Construction

1-1/2 Inch space between material and air walls

1-1/2 Inch space between air and ceramic insulation walls

Air baffles for heat circulation with a variable exhaust system with 11 portals on three sides

Insulated wall chambers to hold 2" of high heat temperature Ceramic insulation secure

10 gauge center wall connects to floor and divides inside of hopper Radiate heat from front to back and side to side

10 Gauge inner walls baffled

12 Gauge outer walls

9/16 Inch plate floor baffled heat chambers under floor

Work table – 30" off ground

Allows full hopper access from the ground

Dual 14 x 15 door opening's with quick operation to open with one hand sliding style guide

Automatic action to lock flip action to release

Door opening provides full access to 32 1/2 x 35 inches in width of 9/16 plate floor for removing asphalt with shovel from the ground with heated shoveling plate

Continuous welds the full length of the floor bottom, sides, inside and out of hopper

Top loading doors 36 1/2 inches in width and 109 inches to top of door when fully extended

Peak styled doors are sealed and insulated, bushing hinged with grease insert and removable from hopper. When opened form a funnel for loading

asphalt directly into hopper with no asphalt build up on hopper ledge	_____	_____
Steel outer skins framed on square tubing with angle iron reinforced	_____	_____
Manually operated retractable handles	_____	_____
7 Inch grab handles, solid round stock with no open ends	_____	_____
Strobe LED light mounted on top of door for and high visibility	_____	_____
Rack for (4) shovels across front of hopper	_____	_____

TRAILER

3" OD Axles, rated at 6000# each	_____	_____
2-inch wide double eye leaf spring suspension	_____	_____
Wheels – heavy duty commercial tires – 235/80/16R	_____	_____
8,000 lb. Park Jack with steel landing foot plate 4 x 6	_____	_____
Overall length 159 inches	_____	_____
Height 72 3/4 inches	_____	_____
Width of hopper 80 1/2 inches	_____	_____
Weight – 2000lbs. without fuel		
Safety chains are 70 Grade Transport chains DOT approved	_____	_____
3/8 or Clevis Hooks with safety clip	_____	_____
Trailer Frame is constructed of 5x2x3/16 wall rectangular tubing with 11"x 19"x 3" deep basket for vibratory roller (expanded metal bottom)	_____	_____
4 Cross members on the horizontal and 2 on the vertical	_____	_____
Fenders fabricated of heavy steel with full steel skirt 80 inches Wide to outside of each fender	_____	_____
Tail lights, LED directional, stop and turn flush to hopper to prevent asphalt build up	_____	_____
Gusset construction hitch adjuster	_____	_____
Holes for adjusting the height, 19.5" to 34"	_____	_____
Expanded metal wire mesh across tongue	_____	_____

Spare tire and rim

SOLVENT TANK

Solvent tank for shovels located off back fender flush to top of fender with dual flip access doors spring snap latch next to access door and bolts on – holds two shovels

Square in Shape 13x13x16 inches

11.5 Gallon Capacity

12 GA Steel

Spring bolt automatic lock drop spill proof lid

HEAT SYSTEM

Combustion chamber 100 sq in mounted on to front of hopper

Removable bottom drop box insulated with inspection cover

In line 10 micron fuel filter connected to 20 gallon bolt on tank with spare filter and 2 nozzles

Pressure gauge shows continuous working pressure

Fuel solenoids powered by 12-volt system

Pressurized pump controls flow of fuel to burner

Spark ignition system powered by 12-volt system

Automatic shut down system safety feature

Cad cell eye monitors flame in burner

Spark ignition coil supply to electrodes to ignite fuel

Power on/off switch in nema 3r lockable box bolted on hopper

Digital snap in thermostat no rewiring shows set temp and actual temp

Controlled by a 1/16 Din microprocessor-based auto temp control located at rear of curbside of hopper

Interstate deep cycle battery set in battery box ready for recharge system

Strobe light mounted on top of rear door and wired to rear control box

The entire system and burner shall operate on a single 12 volt battery. _____

A recharging system shall be installed to continuously recharge the battery without the aid of a plug-in charger. _____

A plug-in charger shall also be installed to assist with the overnight charging of the 12 volt battery. (10 amp taper charger) _____

A quick release on/off switch shall disrupt all power to the system. _____

A vented control box shall house the complete system and battery. _____

ELECTRIC OVERNITE HEAT

Three independent 110v heaters _____

One main power switch _____

Automatic temperature control from 0-350 F _____

Heaters are removable and replaceable through a service door _____

One front hopper mount and 2 rear mount burners _____

Metal flip lid to accept 110v plug in for service _____

One indicator light for power and one for safety e-stop red button _____

PAINT

Red as specified _____

All bolt on parts disassemble from chassis to paint _____

All wiring , l.p. parts , regulators etc. Not to be painted _____

All parts and trailer and hopper sandblasted and ground smooth edges _____

Auto primer on all parts and entire unit _____

Two coats of urethane finish topcoat for 6 mil thickness _____

MANUALS

2 – Manuals _____

1 – Year Warranty _____

OPTIONS

Dump Trailer

Tandem axle trailer frame with 4 – ST235/85/16R tires. The hopper shall tilt at a maximum of a 30 degree angle by means of two 2.5 inch bore and a 14 inch cylinder's which are tied to a 10 inch sub frame. _____

Each cylinder collar shall have grease zerts on each end. _____

The hopper power up and power down controls shall be located at the rear curbside and allow the operator to control the hopper from 24 inches away. _____

Each cylinder shall raise at the same flow rate and only raise the hopper and not an entire sub-frame structure. This function shall have an operator at the control at the rear of the hopper for up and down movement. _____

When the rear doors open or close a audible alarm shall alert all operators. _____

The rear unloading doors shall also work by means of a hydraulic cylinder that have grease zerts at both ends and a 2 inch bore and 14 inch stroke. The single operation will allow infinite open and close positions. _____

The rear door shall have an audible alarm when the door moves up or down. _____

The rear door shall have a safety stop that alerts the operator of safety precautions. _____

SERVICE AND TRAINING

Vendors shall have parts and service facility within a reasonable distance from the **City of Novi** Garage. State location and distance. _____

A qualified technician shall provide complete training to the City personnel at the City Garage. Training shall include safety, operation, maintenance and service. _____

REFERENCES

Bidder shall state length of time in service as an authorized Dealer and/or Manufacturer for the product being proposed. _____

Bidder shall state length of time Manufacturer has been building product being proposed and location of manufacturing facility. _____

Bidder shall submit name, address, responsible party and phone number of not less than (5) Michigan based Municipal owners of comparable models to that being offered, who have used such models over a (5) Year span. If none, state so.

1. _____
2. _____
3. _____
4. _____
5. _____

EXCEPTIONS AND DEVIATIONS

Bidder shall fully describe very variance, exception, and/or deviation. If additional space is needed, please include additional sheets.

Company name _____

Authorized signature _____

Date _____