

City of Portsmouth
Portsmouth, New Hampshire
Public Works Department

INVITATION TO BID

Sealed bid proposals, **plainly marked** "Public Works Equipment" Bid #39-11 **on the outside of the envelope**, addressed to the Finance/Purchasing Department, City Hall, 1 Junkins Avenue, Portsmouth, New Hampshire, 03801, will be accepted until 2:00 p.m., April 25, 2011 at which time all bids will be publicly opened and read aloud.

Scope: The Highway Department is seeking to purchase the following:

- 2011 model Stahl Challenger ST Utility Body (one unit) to be installed on City supplied chassis
- Dump Body, Central Hydraulics and Front Plow (two units) to be installed on City supplied chassis
- Platform Dump Body, Central Hydraulics and Front Plow (two units) to be installed on City supplied chassis

This bid is available at <http://www.cityofportsmouth.com/finance/purchasing.htm> or by contacting the Finance/Purchasing Department at the following number: (603) 610-7227. Questions may be directed to the Finance/Purchasing Department. Addenda to this proposal, if any, including written answers to questions, will be posted on the City of Portsmouth website under the project heading.

The City of Portsmouth reserves the right to reject any or all bids, to waive technical or legal deficiencies, and to accept any bid that it may deem to be in the best interest of the City.

INSTRUCTION TO BIDDERS

I. Preparation of Bid Proposal

- A. The Bidder shall submit its proposal upon the form furnished by the City (attached). Prices shall be given in both in words and figures.
- B. Corrections made to amounts or information requested on the bid form should be made by crossing out the error and entering the new price or information above or below it. The correction must be initialed. In case of discrepancy between the prices written in words and those written in figures, the prices written in words shall govern.
- C. The bidder's proposal must be signed by the individual, by one or more members of the partnership, by one or more members or officers of each firm representing a joint venture; by one or more officers of a corporation, or by an agent of the contractor legally qualified and acceptable to the owner, If the proposal is made by an individual, his name and post office address must be shown, by a partnership the name and post office address if each partnership member must be shown; as a joint venture, the name and post office address of each must be shown; by a corporation, the name of the corporation and its business address must be shown, together with the name of the state in which it is incorporated, and the names, titles, and business addresses of the President, Secretary, and Treasurer.
- D. All words, figures, corrections shall be in ink or typed. All signatures shall be in ink.
- E. Addenda to this proposal, if any, including written answers to questions, will be posted on the City of Portsmouth website at <http://www.cityofportsmouth.com/finance/purchasing.htm> under the project heading. Addenda and updates will NOT be sent directly to firms. Contractors submitting a proposal should check the web site daily for addenda and updates after the release date. Firms should print out, sign and return addenda with the proposal. Failure to do so may result in disqualification.

II. Delivery of Bid Proposals

When sent by mail, the sealed proposal shall be addressed to the owner at the address and in the care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the invitation for bids. Proposals received after the time for opening of the bids will be returned to the bidder, unopened. Faxed bid proposals are not acceptable.

III. Withdrawal of Bid Proposals

A bidder will be permitted to withdraw his proposal unopened after it has been deposited if such request is received in writing prior to the time specified for opening the proposals.

IV. Public Opening of Bid Proposals

Proposals will be opened and read publicly at the time and place indicated in the invitation for bids. Bidders, their authorized agents, and other interested parties are invited to be present.

V. Irregular Proposals and Disqualification of Bidders

Bid proposals that are irregular may be rejected. Irregular bid proposals include the following:

- A. Failure to use the bid form provided or alteration of the form.
- B. Unauthorized additions, conditional or alternated bids, incomplete bids, or irregularities of any kind which may tend to make the proposal incomplete, indefinite or ambiguous as to its meaning.
- C. The addition of any provision reserving the right to accept or reject an award, or to enter into a contract pursuant to an award.

Bidders may be disqualified and the bid proposal rejected for the following reasons:

- A. More than one proposal for the same work from an individual, firm, or corporation under the same or different name;
- B. Evidence of collusion among bidders;
- C. Failure to submit all required information requested in bid specifications;
- D. Bidder is not qualified or able to provide the services or product(s) described in the bid specifications; or
- E. Disqualification is in the best interest of the City of Portsmouth.

AWARD

I. Consideration of Proposals and Award

After the proposals are opened and read, bid results will be available to the public. In case of discrepancy between the prices written in words and those written figures, the prices written in words shall govern.

Within 30 calendar days after the opening of proposals, if an award is made, it will be made to the lowest, responsible, qualified bidder whose proposal complies with all the requirements prescribed. The successful bidder will be notified by mail at the address indicated on the proposal.

The award shall not be considered official until such time that a Purchase Order, fully executed contract or an award letter has been issued by the Finance Director. No presumption of award shall be made by the bidder until such documents are in hand. Verbal notification of award is not considered official. Any action by the bidder to assume

otherwise is done so at his/her own risk and the City will not be held liable for any expense incurred by a bidder that has not received an official award.

II. Reservation of Rights

The City reserves the right to cancel the award at any time before final notification of the successful bidder without any liability against the City. The City of Portsmouth reserves the right to reject any or all bids, to waive technical or legal deficiencies, and to accept any bid that it may deem to be in the best interest of the City.

BID SPECIFICATIONS
for two units

Dump Body – Central Hydraulics – Front Plow

City of Portsmouth, New Hampshire

Public Works Department

Specifications for a Dump Body, Central Hydraulics and Front Plow

MINIMUM SPECIFICATIONS

Dump Body and Front Plow

City of Portsmouth, New Hampshire
Public Works Department

SCOPE

It is the intent of this specification to describe a Dump Body, Central Hydraulics and Front Plow with the following minimum specifications considered necessary to perform the function indicated. The unit shall be new, unused, of current production, design and source from an established, recognizable manufacturer. Standard items in the manufacturer's published literature, furnished by the bidder, shall be included in the bid. A copy of the specifications for the unit being proposed shall be included with the bid. Any exceptions, variations, and/or deletions must be noted or the bid may be rejected. All components furnished under this specification shall be capable of the stress of municipal snow plowing, and general highway maintenance.

Equipment to be installed on a Ford F550, 4x4, Dual Rear Wheel Chassis to be provided by the City of Portsmouth.

DUMP BODY, PLOW GEAR, and WARNING SYSTEMS

It is the intent of this specification to describe a two (2) to three (3) yard Dump Body and a complete Plow with the following minimum specifications. The units shall be new, unused, of current production, design and source an established, recognizable manufacturer. Standard items in the manufacturers published literature, furnished by the bidder, shall be included in the bid. Any exceptions variations, and/or deletions must be noted or the bid may be rejected. This equipment shall be in accordance with all federal and state standards, in effect at the time manufacturer.

DUMP BODY:

1. The body shall be heavy duty Dump Body, AirFlo Pro-Class Series eight (8) feet with a two (2) to three (3) cubic yard Dump capacity with ½ cab shield and screen window.
2. Standard equipment includes a ½" pintle plate, 2" multihitch with 10 ton hook, D-rings and 4 prong trailer plug, as well as the Quick-Latch™ tailgate system.
3. Ten (10) gauge construction throughout with full seam welding, three (3) inch structural channel cross members on twelve (12) inch centers, five (5) inch structural channel long members.
4. The body sides are constructed of two (2) sheets of steel, and form a fully boxed top rail and include 45° sloped, dirt shedding subrails.
5. Front and rear mud flaps with anti-sail on rear wheels.

6. The dump body shall include a high lift capacity scissor hoist with factory installed body prop with twelve-ton capacity and connected to a central hydraulic system.
7. Hydraulic systems shall be matched with the plow hydraulic system package.
8. A body up indicator light shall be mounted in the cab.
9. The body shall be painted BLACK.
10. All lighting must conform to FCC.
11. The body and hoist shall be warranted against all defects for a period of one-year or longer, if the manufacturer's standard warranty is for a longer time frame.

FRONT PLOW:

1. This equipment to be heavy-duty and of the latest design.
2. Plow is to be an American/Frink FTP108 poly reversable, front mounted.
3. Nine (9) foot in length, three eighths (3/8) inch poly mold board, one (1) section trip edge design.
4. AASHO twelve (12) inch punched five eighths (5/8) inch C1090 cutting edge.
5. One pair of moldboard shoes, lift chain and marker guides on rubber snow deflector.
6. Installed and connected via quick disconnects to hydraulic system;

PLOW FRAMES:

1. Everest custom detachable front plow hitch designed for specific chassis.
2. One pair of halogen plow lights wired to truck with weather proof connectors.

HYDRAULIC SYSTEM:

1. Transmission mounted pump central hydraulic system, mounted via a pre-engineered kit.
2. The system shall have 8.5 GPM flow rate with 1800-psi sectional valve to function plow and dump body.
3. Quadco in-cab controls to operate plow functions, plumbed to plow frame with quick disconnects.
4. Frame mounted hydraulic tank with filter and sight glass.
5. The bidder shall confirm the location of these controls, before mounting inside the cab, with the City of Portsmouth.

PINTLE HOOK / BALL HOOK:

1. A two (2) inch multi-hitch with ten (10) ton hook and D-rings, mounted on a one half (1/2) inch pintle plate.
2. Four (4) prong trailer plug SAE wired;

WARNING SYSTEMS:

1. The truck shall be installed with a backup alarm.
2. A complete set of halogen plow lights and turn signals, mounted on the plow frame controlled from the cab shall be installed.

3. Emergency lighting shall be An HPF custom strobe light kit, including:
 - a. Two (2) oval strobes, two (2) stop/turns, and 2 oval back ups mounted in the rear of the body.
 - b. A strobe light is to be mounted on the top of cab in the center with no interference with the dump body cab protector.
 - c. The single cab-mounted strobe shall operate in conjunction with the rear units.
4. All wiring to be sealed wiring harnesses.
5. All controls and power pack shall be mounted inside the cab.
6. Controls shall be a five switch rocker panel to function lights and the clutch pump.
7. Include complete specifications on the make, model and type of light system offered.

MANUALS:

At least one (1) parts manual, one (1) operational manual, and one (1) COMPLETE SET of SHOP MANUALS for all the components (i.e., plows, hydraulic systems, and lights) are required, also wiring manual - (can be in CD-ROM.)

TRAINING:

A minimum of four (4) hours of operational training are required on the complete unit.

WARRANTY:

Warranty shall be one (1) year parts and labor.

BID SPECIFICATIONS
for two units

Platform Dump Body – Central Hydraulics – Front Plow

City of Portsmouth, New Hampshire

Public Works Department

Specifications for a Platform Body, Central Hydraulics and Front Plow

MINIMUM SPECIFICATIONS

Platform Dump Body, Central Hydraulics and Front Plow

City of Portsmouth, New Hampshire
Public Works Department

SCOPE

It is the intent of this specification to describe a Platform Dump Body, Central Hydraulics and Front Plow with the following minimum specifications considered necessary to perform the function indicated. The unit shall be new, unused, of current production, design and source from an established, recognizable manufacturer. Standard items in the manufacturer's published literature, furnished by the bidder, shall be included in the bid. A copy of the specifications for the unit being proposed shall be included with the bid. Any exceptions, variations, and/or deletions must be noted or the bid may be rejected. All components furnished under this specification shall be capable of the stress of municipal snow plowing, and general highway maintenance.

Equipment to be installed on a Ford F550, 4x4, Dual Rear Wheel Chassis provided by the City of Portsmouth.

PLATFORM BODY, PLOW GEAR, and WARNING SYSTEMS

It is the intent of this specification to describe an eight (8) foot Platform Body and a complete Plow with the following minimum specifications. The units shall be new, unused, of current production, design and source an established, recognizable manufacturer. Standard items in the manufacturers published literature, furnished by the bidder, shall be included in the bid. Any exceptions variations, and/or deletions must be noted or the bid may be rejected. This equipment shall be in accordance with all federal and state standards, in effect at the time manufacturer.

PLATFORM BODY:

1. The body shall be heavy duty Platform Body, Cadet Custom eight (8) foot with hoist, headboard and screen window.
2. Standard equipment includes a ½" pintle plate, 2" multihitch with 10 ton hook, D-rings and 4 prong trailer plug.
3. 1/8" nominal tread plate floor with three (3) inch structural channel cross members on twelve (12) inch centers, and four (4) inch structural channel long sills.
4. The header is heavy duty, tapered and 40", with louver sunscreen window.
5. Front and rear mud flaps with anti-sail on rear wheels.
6. The platform body shall include a HR620 10 (ten) ton hoist, connected to a central hydraulic system.
7. Hydraulic systems shall be matched with the plow hydraulic system package.

8. A body up indicator light shall be mounted in the cab.
9. The body shall be painted BLACK.
10. All lighting must conform to FCC.
11. The body and hoist shall be warranted against all defects for a period of one-year or longer, if the manufacturer's standard warranty is for a longer time frame.

FRONT PLOW:

1. This equipment to be heavy-duty and of the latest design.
2. Plow is to be an American/Frink FTP108 poly reversable, front mounted.
3. Nine (9) foot in length, three eighths (3/8) inch poly mold board, one (1) section trip edge design.
4. AASHO twelve (12) inch punched five eighths (5/8) inch C1090 cutting edge.
5. One pair of moldboard shoes, lift chain and marker guides on rubber snow deflector.
6. Installed and connected via quick disconnects to hydraulic system;

PLOW FRAMES:

1. Everest custom detachable front plow hitch designed for specific chassis.
2. One pair of halogen plow lights wired to truck with weather proof connectors.

HYDRAULIC SYSTEM:

1. Transmission mounted pump central hydraulic system, mounted via a pre-engineered kit.
2. The system shall have 8.5 GPM flow rate with 1800-psi sectional valve to function plow and dump body.
3. Quadco in-cab controls to operate plow functions, plumbed to plow frame with quick disconnects.
4. Frame mounted hydraulic tank with filter and sight glass.
5. The bidder shall confirm the location of these controls, before mounting inside the cab, with the City of Portsmouth.

PINTLE HOOK / BALL HOOK:

1. A two (2) inch multi-hitch with ten (10) ton hook and D-rings, mounted on a one half (1/2) inch pintle plate.
2. Four (4) prong trailer plug SAE wired;

WARNING SYSTEMS:

1. The truck shall be installed with a backup alarm.
2. A complete set of halogen plow lights and turn signals, mounted on the plow frame controlled from the cab shall be installed.
3. Emergency lighting shall be An HPF custom strobe light kit, including:
4. Two (2) oval strobes, two (2) stop/turns, and 2 oval back ups mounted in the rear of the body.
5. A strobe light is to be mounted on the top of cab in the center with no interference with the

dump body cab protector.

6. The single cab-mounted strobe shall operate in conjunction with the rear units.
7. All wiring to be sealed wiring harnesses.
8. All controls and power pack shall be mounted inside the cab.
9. Controls shall be a five switch rocker panel to function lights and the clutch pump.
10. Include complete specifications on the make, model and type of light system offered.

MANUALS:

At least one (1) parts manual, one (1) operational manual, and one (1) COMPLETE SET of SHOP MANUALS for all the components (i.e., plows, hydraulic systems, and lights) are required, also wiring manual - (can be in CD-ROM.)

TRAINING:

A minimum of four (4) hours of operational training are required on the complete unit.

WARRANTY:

Warranty shall be one (1) year parts and labor.

BID SPECIFICATIONS
for one unit

Utility Body

City of Portsmouth, New Hampshire

Public Works Department

Specifications for a 2011 model Stahl Challenger ST Utility Body

MINIMUM SPECIFICATIONS

Stahl Challenger ST Utility Body

City of Portsmouth, New Hampshire

Public Works Department

SCOPE

It is the intent of this specification to describe a Stahl Challenger ST Utility Body, with the following minimum specifications considered necessary to perform the function indicated. The unit shall be new, unused, of current production, design and source from an established, recognizable manufacturer. Standard items in the manufacturer's published literature, furnished by the bidder, shall be included in the bid. A copy of the specifications for the unit being proposed shall be included with the bid. Any exceptions, variations, and/or deletions must be noted or the bid may be rejected. All components furnished under this specification shall be capable of the stress of municipal snow plowing, and general highway maintenance.

Equipment to be installed on a Ford F250, 4x4, Chassis provided by the City of Portsmouth.

UTILITY BODY and WARNING SYSTEMS

It is the intent of this specification to describe a Stahl CST110VVD48.5 Utility Body with the following minimum specifications. The units shall be new, unused, of current production, design and source an established, recognizable manufacturer. Standard items in the manufacturers published literature, furnished by the bidder, shall be included in the bid. Any exceptions variations, and/or deletions must be noted or the bid may be rejected. This body shall be in accordance with all federal and state standards, in effect at the time manufacturer.

UTILITY BODY:

1. The body shall be a Stahl CST110VVD48.5 Utility Body, with adapter plug, transverse curbside front compartment with three 250 lbs rated slide out, aluminum fuel fill kit and galvanized recessed bumper.
2. Standard construction includes all sections of utility body made with 12-16 ga. Galvanneal steel.
3. All lighting must conform to FCC.

WARNING SYSTEMS:

1. The truck shall be installed with a backup alarm.
2. Emergency lighting shall be An HPF custom strobe light kit, including:
3. Two (2) oval strobes, two (2) stop/turns, and 2 oval back ups mounted in the rear of the

body.

4. A strobe light is to be mounted on the top of cab in the center.
5. The single cab-mounted strobe shall operate in conjunction with the rear units.
6. All wiring to be sealed wiring harnesses.
7. All controls and power pack shall be mounted inside the cab.
8. Controls shall be a switch rocker panel to function lights.
9. Include complete specifications on the make, model and type of light system offered.

MANUALS:

At least one (1) parts manual, one (1) operational manual, and one (1) COMPLETE SET of SHOP MANUALS for all the components (i.e., lights) are required, also wiring manual - (can be in CD-ROM.)

WARRANTY:

Warranty shall be one (1) year parts and labor.

BID PROPOSAL FORM
Page 1 of 3

Bid pricing is for two units

Item #1: Dump Body – Central Hydraulics – Front Plow - Two Units

Price per Unit: \$ _____ \$ _____
Price in Figures Price in Words

Total Bid Item #1:
Two Units Installed: \$ _____ \$ _____
Price in Figures Price in Words

DELIVERY:

Bidder must state approximate date from receipt of chassis that installation will be completed: _____ (no later than 90 days)

BID PROPOSAL FORM
Page 2 of 3

Bid pricing is for two units

Item #2: Platform Dump Body – Central Hydraulics – Front Plow – Two Units

Price per Unit: \$ _____ \$ _____
Price in Figures Price in Words

Total Bid Item #2:
Two Units Installed: \$ _____ \$ _____
Price in Figures Price in Words

DELIVERY:

Bidder must state approximate date from receipt of chassis that installation will be completed: _____ (no later than 90 days)

BID PROPOSAL FORM
Page 3 of 3

Bid pricing is for one unit

Item #3: 2011 model Stahl Challenger ST Utility Body - One Unit

Total Bid Item #3:

One Unit Installed: \$ _____ \$ _____
Price in Figures Price in Words

DELIVERY:

Bidder must state approximate date from receipt of chassis that installation will be completed: _____ (no later than 90 days)

Award of Bid will be based on the Total Bid of Items 1 through 3 including installation of all units on chassis supplied by the City.

Bid Total

In Figures \$ _____

In Words \$ _____

The undersigned agrees that he/she on behalf of Bidder has read the bid proposal documents, the instruction to bidders specifications and agrees to the terms and conditions set forth herein. Bidder understands that bid prices shall include delivery FOB to the address identified in the bid documents and bid price shall be firm for at least 60 days.

Bidder further agrees that this bid is not made jointly or in conjunction, cooperation or collusion with any person, firm, corporation or other legal entity.

Bidder agrees no officer, agent or employee of the Owner is directly or indirectly interested in this Bid.

Submitted by Authorized Agent:

(Print Name & Title)

Signature: _____

Date: _____

Company: _____

Address: _____

City/State/Zip: _____

E-mail address: _____

Telephone: _____

Fax: _____

The Bidder has received and acknowledged Addenda No. _____ through _____.

All Bids are to be submitted on this form and in a sealed envelope, plainly marked on the outside with the Bidder's name and address and the Project name as it appears at the top of the Proposal Form.