

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Bid Receiving Public Works and Government
Services Canada/Réception des soumissions Travaux
publics et Services gouvernementaux Canada
1713 Bedford Row
Halifax, N.S./Halifax, (N.É.)
B3J 1T3
Bid Fax: (902) 496-5016

SOLICITATION AMENDMENT
MODIFICATION DE L'INVITATION

The referenced document is hereby revised; unless otherwise
indicated, all other terms and conditions of the Solicitation
remain the same.

Ce document est par la présente révisé; sauf indication contraire,
les modalités de l'invitation demeurent les mêmes.

Comments - Commentaires

Vendor/Firm Name and Address
Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution
Acquisitions
1713 Bedford Row
Halifax, N.S./Halifax, (N.É.)
B3J 3C9

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Title - Sujet LATHES | |
| Solicitation No. - N° de l'invitation W0100-145012/A | Amendment No. - N° modif. 002 |
| Client Reference No. - N° de référence du client W0100-14-5012 | Date 2013-10-09 |
| GETS Reference No. - N° de référence de SEAG PW-\$HAL-309-9069 | |
| File No. - N° de dossier HAL-3-71070 (309) | CCC No./N° CCC - FMS No./N° VME |
| Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2013-10-22 | Time Zone Fuseau horaire Atlantic Daylight Saving Time ADT |
| F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/> | |
| Address Enquiries to: - Adresser toutes questions à: MacNeil, Blaine A. | Buyer Id - Id de l'acheteur hal309 |
| Telephone No. - N° de téléphone (902) 496-5180 () | FAX No. - N° de FAX (902) 496-5016 |
| Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: | |

Instructions: See Herein

Instructions: Voir aux présentes

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| Delivery Required - Livraison exigée | Delivery Offered - Livraison proposée |
| Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur | |
| Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur | |
| Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie) | |
| Signature | Date |

Amendment #2

Bidder questions are followed by answers from the technical authority.

1. The tender is currently stated as mandatory specifications. This is ok but some of the listed requirements are very difficult to meet if not impossible. The mention of minimum 18 spindle speeds is very unique. Also the threads per inch of 4-112 is also very hard to match. For instance 15 spindle speeds is more common and would allow more companies to quote.

18 spindle speeds is absolutely required and easily met and 4-112 TPI is minimum mandatory, however a broader range is acceptable.

As well noted in Mandatory requirements for W0100-145012/A should read.

*1. Twenty-three (23) High Speed Precision with minimum 17"/40" (432rpm / 1016rpm)
[(18/40) or more is acceptable] Engine Lathes complete with items (a) through (z)*

***Bidders are to note the changes from mandatory to minimum mandatory for the items described above.**

2. Is there any movement on the size of the lathe. You are asking for a 17' swing x 40" centers.

There already is movement on the size of the lathe, a minimum of 17" gives lots of flexibility. The reason I spec'd a 17 is to ensure that we had a full 16" swing. Looking around online, some manufacturers round off specs, especially when some are in metric and are converted. If I allow movement to a 16" swing, it must be specified a minimum of 16.000" swing, right in the spec. I would not want to get a lathe that is classified as a 16" but when actually measured is 15.875". Therefore, the amendment must read to be a complete 16.000", not rounded up. Hopefully, this will loosen the spec requirements enough to allow for multiple bids and ensure we our requirements are still met.

***Bidders are to note the changes from mandatory to minimum mandatory for the items described above. 16" swing is acceptable but absolutely no less than 16". I.e. Bidders must not round up.**

3. Can it be electronic vari-speed which would give a complete speed range between 10 to 2000rpm?

No.

4. Motor with electronic brake?

Yes, a brake is required that stops the chuck by means of; a stop lever moved to the off position, pressing a foot brake or if an emergency stop condition exists pressing a large Red emergency stop button.

5. You are asking for 4 to 112 tpi. Can it be 2-72 tpi standard on lathes this size.

No. The machine shop is retiring 23 lathes in total, but two different models will be replaced hence the requirement for a broad spectrum of threading.

5) The only lathe that I can find that meets this spec is the standard modern 16" .this would be eliminated as you are asking for 17" swing.

It would have to be verified that the 16" swing for the standard modern is actually a complete 16.000" for even that lathe to be considered.

6) Please clarify what is meant in above SOW re the following: 1) on page 10) item c. imperial (inch) lead screw with backlash compensation, What do you mean by backlash compensation for the leadscrew?

The leadscrew is connected to the carriage when the half-nuts close. There is no backlash compensation in the split nuts.

...are you looking for some type of axial backlash take up system at the ends of the leadscrew?

Yes, there are various forms in industry for lead screw backlash compensation. Understand various distributors may have differing nomenclature, but certainly not referring to backlash adjustment for cross and compound slides, they are fitted with adjustment. Here's a link to a website for explanatory purposes only. <http://www.haydonkerk.com/?TabId=109>

...or are you referring to the backlash adjustment for the cross slide and tool slide screws ?

No

...Please clearly define what you are looking for with respect to back lash compensation for the leadscrew.

See examples in link provided above.

7) On page 10) item j. imperial (inch) and metric dials on carriage, cross and compound feeds with .200" advance per revolution with zeroing capability; for which axes: cross, compound or carriage do you wish 0.200" advance per revolution ? From your statement, it is not clear.

Excellent question, the 0.200" advance only applies to both the cross feed and compound feed. The carriage feed (longitudinal) requires both a metric and imperial dial but not 0.200" advance/rev. The longitudinal feed per revolution will be unique to each manufacturer, usually one inch per revolution.

8) Re: Annex A (Statement of Requirement) TASKS (Page 9)

(2) " Contractor to provide delivery, install in place (precision levelling) and set to work all 23 lathes." 1. Does building D-206, Door 1-13 have an overhead crane in the area where the machines are to be placed that can assist , or is the contractor responsible for unloading of all machines from the delivery vehicle, placing them at ground level, and moving them to the required place of installation?

The contractor or successful bidder is responsible for unloading of all machines from the delivery vehicle, placing them at ground level, and moving them to the required place of installation. The required place of installation is building S9, in the machine shop through door 8 (garage door). Important to note: the delivery vehicle will have to be smaller than a tractor trailer in order the access the side of the building that door 8 is located. There is no building overhead crane.

9) Must the contractor provide anchors and drill and bolt machines to a concrete floor, or is precision levelling sufficient?

Precision levelling is sufficient. However, if the contractor is supplying a machine that is recommended to be anchored, then that will be required.

10) Is provision of machines "connection ready", with appropriate supply cable, strain relief connectors, approved electrical male connector etc. for the dockyard electrician to electrically connect the machines sufficient, or is the contractor make electrical connections to existing energized outlet, receptacle, panel or box at the location of each machine?

The machines will be electrically connected by Base Construction Engineering (BCE) at the location of each machine, on completion of the precision levelling. On completion of electrical connection, the contractor will conduct full function test and set to work.

11) MANDATORY REQUIREMENTS (Page 9)

imperial (inch) and metric dials on carriage, cross and compound feeds with .200 "advance per revolution with zeroing capability " Given the separation of the word "carriage" from the words "cross and compound" by a comma, we could assume that ".200 advance per revolution" of the carriage handwheel is not intended to be required. Is this correct?

Yes, this is correct.

12) With regard to the carriage handwheel, achieving .200" advance per revolution is impossible to achieve, would result in extremely inefficient operation, and is not available for any conventional lathe in this size range made by any lathe maker anywhere in the world. Typical advance per revolution of the carriage handwheel is 0.650" to 1" per revolution. We can meet this requirement if the phrase referenced above is interpreted in a particular way; however, If .200" of carriage travel per revolution of the carriage handwheel is required, no supplier can meet this criteria. If it cannot be offered, will machines be eliminated from consideration?

0.200" per revolution of carriage hand wheel is not required.

13) We wish to proceed with our submission in a principled manner, and ask that you please consider amending the solicitation to clarify this point to all competitive bidders. If the solicitation was prepared based on the published specifications of a particular brand or model of lathe, it is of course possible that these specifications are in error, and that said brand may inadvertently be given an unfair competitive advantage due to these errors. If this is the case, will the solicitation be re-published or amended, or will competing bids deemed non-compliant because of correctly stated specifications be given further consideration?

The specs for these lathes were based solely on the training requirements of our machine shop. No particular brand or model of lathe was used to identify specs for this solicitation. The school is decommissioning two different machines for a total of 23 lathes. The replacements therefore need to encompass the abilities of both these machines.

Solicitation No. - N° de l'invitation

W0100-145012/A

Amd. No. - N° de la modif.

002

Buyer ID - Id de l'acheteur

ha1309

Client Ref. No. - N° de réf. du client

W0100-14-5012

File No. - N° du dossier

HAL-3-71070

CCC No./N° CCC - FMS No/ N° VME

There is always a possibility of errors with any solicitation and if that is the case, and is identified, PWGSC will amend as required. If a contractor believes there is an error, then it should be brought forward.

Will any failure to meet any Mandatory Requirements result in bids being deemed non-compliant and eliminated from consideration?

Yes.

Additionally:

On part 2, page 4, 1. Evaluation Procedures, 1.1 Technical Evaluation:

Delete: The technical evaluation will be based on all items being quoted as requested.

Insert: 1.1.1 Mandatory Technical Criteria

Bidders are required to supply information (product literature) indicating how their bid meets the mandatory technical requirements.

All other terms and conditions remain unchanged.