



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.)
Halifax
Nova Scotia
B3J 1T3
Bid Fax: (902) 496-5016

**REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION**

**Proposal To: Public Works and Government
Services Canada**

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

**Proposition aux: Travaux Publics et Services
Gouvernementaux Canada**

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments - Commentaires

Title - Sujet Welding Equipment	
Solicitation No. - N° de l'invitation W355B-192817/C	Date 2019-02-26
Client Reference No. - N° de référence du client W355B-19-2817	
GETS Reference No. - N° de référence de SEAG PW-\$HAL-222-10660	
File No. - N° de dossier HAL-8-81109 (222)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-03-22	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: St-Louis, Catherine	Buyer Id - Id de l'acheteur hal222
Telephone No. - N° de téléphone (902) 240-5159 ()	FAX No. - N° de FAX (902) 496-5016
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF NATIONAL DEFENCE BLDG D200, FINANCE 3RD FLOOR STN FORCES HALIFAX NOVA SCOTIA B3K5X5 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

Vendor/Firm Name and Address

**Raison sociale et adresse du
fournisseur/de l'entrepreneur**

Issuing Office - Bureau de distribution

Atlantic Region Acquisitions/Région de l'Atlantique
Acquisitions
1713 Bedford Row
Halifax, N.S./Halifax, (N.É.)
Halifax
Nova Scot
B3J 1T3

Delivery Required - Livraison exigée See Herein	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

NOTE: This bid solicitation cancels and supersedes previous bid solicitation number W355B-192817/A dated November 26 2018 with a closing of January 15 2019 & W355B-192817/B dated January 21 2019 with a closing of February 21 2019.

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STATEMENT OF REQUIREMENT 11

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PART 1 - GENERAL INFORMATION

1.1 Statement of Requirement

The Department of National Defence has a requirement at Fleet Maintenance Facility Cape Scott (FMFCS) for the supply and delivery of the following items, one (1) 800 amp TIG/Stick Complete Welding Machine, two (2) 400 amp TIG/Stick Complete Welding Machines, two (2) 350 amp Constant Current and Constant Voltage Welding Power Sources, three (3) Portable, Semiautomatic Wire Feeder welding machines.

1.2 Debriefings

Bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days from receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

1.3 Trade Agreements

"The requirement is subject to the provisions of the), the North American Free Trade Agreement (NAFTA) and the Canadian Free Trade Agreement (CFTA)."

1.4 Epost Connect service

"This bid solicitation allows bidders to use the epost Connect service provided by Canada Post Corporation to transmit their bid electronically. Bidders must refer to Part 2 entitled Bidder Instructions, and Part 3 entitled Bid Preparation Instructions, of the bid solicitation, for further information."

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the [Standard Acquisition Clauses and Conditions Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

The [2003](#) (2018-05-22) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 5.4 of [2003](#), Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: 60 days

Insert: 90 days

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2.2 Submission of Bids

"Bids must be submitted only to the Public Works and Government Services Canada (PWGSC) Bid Receiving Unit specified below by the date and time indicated on page 1 of the bid solicitation:

Bid Receiving Public Works and Government
Services Canada 1713 Bedford Row
Halifax, N.S./Halifax, (N.É.)
Halifax, Nova Scotia
B3J 1T3

Bid Fax: (902) 496-5016

Email address for epost Connect Service:

TPSGC.RAReceptionSoumissionsNE-ARBidReceivingNS.PWGSC@tpsgc-pwgsc.gc.ca

NOTE: Offers will be not be accepted if emailed directly to this email address. This email is to initiate an ePost Connect conversation, as detailed in the Standard Instructions.

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than five (5) calendar days before the bid closing date. Enquiries received after that time may not be answered.

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by Bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the question(s) or may request that the Bidder do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all Bidders. Enquiries not submitted in a form that can be distributed to all Bidders may not be answered by Canada.

2.4 Applicable Laws

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Nova Scotia.

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the Bidders.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

Canada requests that bidders provide their bid in separately bound sections as follows:

Section I: Technical Bid two (2) hard copies

Section II: Financial Bid one (1) hard copy

Section III: Certifications one (1) hard copy

Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.

Canada requests that bidders follow the format instructions described below in the preparation of hard copy of their bid:

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the bid solicitation.

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process [Policy on Green Procurement](https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573) (<https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573>). To assist Canada in reaching its objectives, bidders should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

Section I: Technical Bid

In their technical bid, Bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment.

Section III: Certifications

Bidders must submit the certifications and additional information required under Part 5.

3.1.1 Exchange Rate Fluctuation

[C3011T](#) (2013-11-06), Exchange Rate Fluctuation

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

4.1.1 Technical Evaluation

The bidder must submit specifications and descriptive literature for the items listed in Annex "A" Statement of Requirement.

4.1.2 Financial Evaluation

SACC *Manual* Clause [A0220T](#) (2014-06-26), Evaluation of Price

4.2 Basis of Selection

SACC *Manual* Clause [A0069T](#) (2007-05-25). A bid must comply with all requirements of the bid solicitation to be declared responsive. The responsive bid with the lowest evaluated price will be recommended for award of contract.

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

Bidders must provide the required certifications and additional information to be awarded a contract.

The certifications provided by Bidders to Canada are subject to verification by Canada at all times. Unless specified otherwise, Canada will declare a bid non-responsive, or will declare a contractor in default if any certification made by the Bidder is found to be untrue whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority will render the bid non-responsive or constitute a default under the Contract.

5.1 Certifications Required with the Bid

Bidders must submit the following duly completed certifications as part of their bid.

5.1.1 Integrity Provisions - Declaration of Convicted Offences

In accordance with the Integrity Provisions of the Standard Instructions, all bidders must provide with their bid, **if applicable**, the declaration form available on the [Forms for the Integrity Regime](http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html) website (<http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html>), to be given further consideration in the procurement process.

5.2 Certifications Precedent to Contract Award and Additional Information

The certifications and additional information listed below should be submitted with the bid, but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Failure to provide the certifications or the additional information listed below within the time frame provided will render the bid non-responsive.

5.2.1 Integrity Provisions – Required Documentation

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real procurement agreement of the [Ineligibility and Suspension Policy](http://www.tpsgc-pwgsc.gc.ca/ci-) (<http://www.tpsgc-pwgsc.gc.ca/ci->

if/politique-policy-eng.html), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - Labour's](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#) website (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#>).

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list at the time of contract award.

PART 6 - RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from the bid solicitation.

6.1 Security Requirements

There is no security requirement applicable to the Contract.

6.2 Statement of Requirement

The Contractor must provide the items detailed under the "Requirement" at Annex "A" and the Contractor's technical bid, dated _____.

6.3 Standard Clauses and Conditions

All clauses and conditions identified in the Contract by number, date and title are set out in the [Standard Acquisition Clauses and Conditions Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

6.3.1 General Conditions

[2010A \(2018-06-21\)](#), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

6.4 Term of Contract

6.4.1 Delivery Date

All the deliverables must be received on or before April 30, 2019.

6.4.2 Delivery Points

FMF Cape Scott CFB Halifax
Bldg. D200 Door 13
2365 Provo Wallis

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Halifax NS
B3K 5X5

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Catherine St. Louis
Supply Specialist
Public Works and Government Services Canada
Atlantic Branch - Acquisitions Branch
1713 Bedford Row
Halifax, Nova Scotia
B3J 3C9

Telephone: 902-240-5159
Facsimile: 902-496-5016
E-mail address: Catherine.st-louis@tpsgc-pwgsc.gc.ca

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

6.5.2 Project Authority

The Project Authority for the Contract is:

Name:
Title:
Organization:
Address:
Telephone:
Facsimile:
E-mail address:

The Project Authority is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Project Authority, however the Project Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

6.5.3 Contractor's Representative (TO BE COMPLETED BY BIDDER)

Name:
Title:
Organization:
Address:

Telephone:
Facsimile:
E-Mail address:

6.6 Payment

6.6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid *firm unit price(s) as specified in Annex C for a cost of \$ _____ (insert the amount at contract award)*. Customs duties are *included* and Applicable Taxes are extra.

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

6.6.2 Limitation of Price

SACC Manual clause [C6000C](#) (2017-08-17) Limitation of Price

6.6.3 Single Payment

SACC Manual clause [H1000C](#) (2017-08-17) Single Payment

6.7 Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
2. Invoices must be distributed as follows:
 - a. The original and one (1) copy must be forwarded to the address shown on page 1 of the Contract for certification and payment.

6.8 Certifications and Additional Information

6.8.1 Compliance

Unless specified otherwise, the continuous compliance with the certifications provided by the Contractor in its bid or precedent to contract award, and the ongoing cooperation in providing additional information are conditions of the Contract and failure to comply will constitute the Contractor in default. Certifications are subject to verification by Canada during the entire period of the Contract.

6.9 Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Nova Scotia.

6.10 Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- (a) the Articles of Agreement;

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- (b) the general conditions 2010A (2018-06-21);
- (c) Annex A, Statement of Requirement;
- (d) Annex B, Mandatory Criteria
- (e) Annex C, Basis of Payment;
- (f) the Contractor's bid dated _____ (insert date of bid)

6.11 SACC Manual Clauses

SACC Manual clause B7500C (2017-08-17) Excess Goods

6.12 Insurance

The Contractor is responsible for deciding if insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any insurance acquired or maintained by the Contractor is at its own expense and for its own benefit and protection. It does not release the Contractor from or reduce its liability under the Contract.

6.13 Inspection and Acceptance

The Project Authority is the Inspection Authority. All reports, deliverable items, documents, goods and all services rendered under the Contract are subject to inspection by the Inspection Authority or representative. Should any report, document, good or service not be in accordance with the requirements of the Statement of Work and to the satisfaction of the Inspection Authority, as submitted, the Inspection Authority will have the right to reject it or require its correction at the sole expense of the Contractor before recommending payment.

ANNEX "A"

STATEMENT OF REQUIREMENT

1) Purchase Description:

- a) Fleet Maintenance Facility Cape Scott (FMFCS) have a requirement for the supply and delivery of the following items, one (1) 800 amp TIG/Stick Complete Welding Machine, two (2) 400 amp TIG/Stick Complete Welding Machines, two (2) 350 amp Constant Current and Constant Voltage Welding Power Sources, three (3) Portable, Semiautomatic Wire Feeder welding machines.

2) General Description:

- a) Some of the Welding Shops current Welding Machines are getting to the end of their useful life, they are having random faults and require updating to keep up with the required work.
- b) Canada reserves the right to verify that all of the mandatory specifications are met prior to the award of contract. This verification shall include technical information from a submitted equipment brochure.
- c) Specifications found not to meet this requirement will result in a non-compliant bid, and if found after contract award may result in termination of contract.
- d) All material and equipment must be new and free from damage. Any materials or equipment believed to be previously used and/or damaged will be denied and returned.

3) Provide items with the following specifications:

a) One (1) Complete 800 Amp TIG/Stick Welding Machine

- i) Input voltage auto sensing with no manual linking required, 208-575 volts single phase or 3 phase
- ii) Must have wireless foot pedal control
- iii) Must come with minimum 8 foot power cord
- iv) Must come with torch kit
- v) Must come with cart
- vi) Operating Output current range 5 Amp to at least 800 amps DC
- vii) Minimum 60% duty cycle at 500 amps DC output
- viii) Must have AC frequency control
- ix) Must have independent amplitude, amperage control
- x) Must be able to save at least 8 program memories to save your parameters
- xi) Net weight including cart must be less than 320 pounds
- xii) Height of unit including cart must be less than 55 inches
- xiii) Width of unit including cart must be less than 25 inches
- xiv) Depth of unit including cart must be less than 45 inches
- xv) Fan only to run as required to limit the amount of dust pulled though the machine

b) Two (2) Complete 400 Amp TIG/Stick Welding Machine

- i) Input voltage auto sensing with no manual linking required, 208-575 volts single phase or 3 phase
- ii) Must have wireless foot pedal control

- iii) Must come with minimum 8 foot power cord
- iv) Must come with torch kit
- v) Must come with cart
- vi) Operating output current range 3 amp to at least 400 amps DC
- vii) Minimum 60% duty cycle at 250 amps DC output
- viii) Must have AC frequency control
- ix) Must have independent amplitude, amperage control
- x) Must be able to save at least 8 program memories to save your parameters
- xi) Net weight including cart must be less than 260 pounds
- xii) Height of unit including cart must be less than 45 inches
- xiii) Width of unit including cart must be less than 25 inches
- xiv) Depth of unit including cart must be less than 45 inches
- xv) Fan only to run as required to limit the amount of dust pulled though the machine

c) Two (2) 350 amp Constant Current and Constant Voltage Welding Power Sources

- i) Input voltage auto sensing with no manual linking required, 208-575 volts AC single phase or 3 phase
- ii) Operating output current range 15 amp to at least 425 amps DC\
- iii) Operating output voltage 10 volts to 38 volts
- iv) Maximum output voltage 75 volts DC
- v) Minimum 60% Duty Cycle at 350 amps DC output at 34 volts DC
- vi) Must have 14-pin receptacle to connect spool guns, wire feeders and remote controls
- vii) Must have digital, pre-settable output meters for current and voltage
- viii) Must have aluminum case
- ix) Net weight must be less than 82 pounds
- x) Height of unit must be less than 18 inches
- xi) Width of unit must be less than 13 inches
- xii) Depth of unit must be less than 25 inches
- xiii) Fan only to run as required to limit the amount of dust pulled though the machine

d) Three (3) Portable, Semiautomatic Wire Feeders

- i) Input voltage must come across the arc.
- ii) Operating output current up to 300 amps DC
- iii) Minimum 60% duty cycle at 300 amps DC
- iv) Must hold up to a 44 pound spool of welding wire
- v) Must be able to operate with .023 - 1/16th inch solid wire
- vi) Must be able to operate with .035 – 5/64th inch flux cored wire
- vii) Must come with Dynamic braking system on feed motor to minimize wire over runs
- viii) Must have automatic motor overload and over voltage protection
- ix) Must have tool-less release for wire drive tension system, gun and cable connections
- x) Must have DC voltmeter and voltmeter polarity switch
- xi) Voltage sensing lead and clip must be at least 12 feet long
- xii) Case must be spatter and impact resistant
- xiii) Unit must fit though a 16 inch diameter manhole
- xiv) Max height 15 inches
- xv) Max width 8 inches

xvi) Max depth 22 inches

xvii) Case latches must allow easy access to wire and include a gun holder

4) Warranty:

- a) The equipment shall be guaranteed to be free from manufacturing and operational defects for a period of twelve (12) months from the date it was set-to-work by the contractor's representative and accepted as operationally satisfactory by the FMFCS Industrial Engineering Officer or his designated representative. The contractor shall be responsible for the provision of labour, parts, and field service at their own expense during the term of the warranty period and shall make good all defects within ten (10) days of being informed by Industrial Engineering Officer or his/her designated representative that it is required. All other warranties over and above those specified service herein shall be considered valid.

5) Certification:

- a) Equipment, as an assembled unit must be certified by an acceptable Certification Organization, and bear a label from a recognized organization on or near the name plate of the assembled machine. The following Certification Organizations are acceptable. The electrical control must bear a label from one of these organizations in order to be recognized as approved.
- i) Canadian Standards Association (CSA)
 - ii) Entela
 - iii) Intertek Testing Services
 - iv) ETL Testing Laboratories
 - v) Warnock Hersey (WH)
 - vi) Underwriters Laboratories of Canada (ULC)
 - vii) Underwriters Laboratories Inc. (UL)
 - viii) MET Laboratories Inc. (MET)
 - ix) TUV Rheinland of North America
 - x) Quality Auditing Institute (QAI)
 - xi) TUV America Inc.
 - xii) Factory Mutual (FM) Approvals
 - xiii) Omni-Test Laboratories Inc.
 - xiv) Curtis-Straus LLC

6) Special / Additional Instructions:

- a) Quotes are to include shipping / delivery costs.
b) Supply owner with two (2) copies of material and maintenance manuals.

ANNEX "B"

MANDATORY TECHNICAL CRITERIA

In order for Bidder's Technical Offer to be responsive, the Bidder must:

1. Mark an (X) at each header signifying that the specification has been read and that any offer will meet or exceed the required compliance with the written specification and any reference drawings contained in the Solicitation; and
2. Indicate where in the documentation this is demonstrated by indicating the page number; and
3. Bidder must demonstrate compliance through product literature; and
4. Provide product literature which includes a system listing at a minimum all components, the function of those components, and consumables in the system.

RFP Item No.	Statement of Requirement Reference No.	Specifications	Meet	Does not meet	Cross Reference
1.	3)a)	One (1) Complete 800 Amp TIG/Stick Welding Machine			
	i)	Input voltage auto sensing with no manual linking required, 208-575 volts single phase or 3 phase			
	ii)	Must have wireless foot pedal control			
	iii)	Must come with minimum 8 foot power cord			
	iv)	Must come with torch kit			
	v)	Must come with cart			
	vi)	Operating Output current range 5 Amp to at least 800 amps DC			
	vii)	Minimum 60% duty cycle at 500 amps DC output			
	viii)	Must have AC frequency control			
	ix)	Must have independent amplitude, amperage control			
	x)	Must be able to save at least 8 program memories to save your parameters			

RFP Item No.	Statement of Requirement Reference No.	Specifications	Meet	Does not meet	Cross Reference
	xi)	Net weight including cart must be less than 320 pounds			
	xii)	Height of unit including cart must be less than 55 inches			
	xiii)	Width of unit including cart must be less than 25 inches			
	xiv)	Depth of unit including cart must be less than 45 inches			
	xv)	Fan only to run as required to limit the amount of dust pulled though the machine			
2.	3)b)	Two (2) Complete 400 Amp TIG/Stick Welding Machine			
	i)	Input voltage auto sensing with no manual linking required, 208-575 volts single phase or 3 phase			
	ii)	Must have wireless foot pedal control			
	iii)	Must come with minimum 8 foot power cord			
	iv)	Must come with torch kit			
	v)	Must come with cart			
	vi)	Operating output current range 3 amp to at least 400 amps DC			
	vii)	Minimum 60% duty cycle at 250 amps DC output			
	viii)	Must have AC frequency control			
	ix)	Must have independent amplitude, amperage control			
	x)	Must be able to save at least 8 program memories to save your parameters			
	xi)	Net weight including cart must be less than 260 pounds			

RFP Item No.	Statement of Requirement Reference No.	Specifications	Meet	Does not meet	Cross Reference
	xii)	Height of unit including cart must be less than 45 inches			
	xiii)	Width of unit including cart must be less than 25 inches			
	xiv)	Depth of unit including cart must be less than 45 inches			
	xv)	Fan only to run as required to limit the amount of dust pulled through the machine			
3.	3)c)	Two (2) 350 amp Constant Current and Constant Voltage Welding Power Sources			
	i)	Input voltage auto sensing with no manual linking required, 208-575 volts AC single phase or 3 phase			
	ii)	Operating output current range 15 amp to at least 425 amps DC\			
	iii)	Operating output voltage 10 volts to 38 volts			
	iv)	Maximum output voltage 75 volts DC			
	v)	Minimum 60% Duty Cycle at 350 amps DC output at 34 volts DC			
	vi)	Must have 14-pin receptacle to connect spool guns, wire feeders and remote controls			
	vii)	Must have digital, pre-settable output meters for current and voltage			
	viii)	Must have aluminum case			
	ix)	Net weight must be less than 82 pounds			
	x)	Height of unit must be less than 18 inches			
	xi)	Width of unit must be less than 13 inches			
	xii)	Depth of unit must be less than 25 inches			

RFP Item No.	Statement of Requirement Reference No.	Specifications	Meet	Does not meet	Cross Reference
	xiii)	Fan only to run as required to limit the amount of dust pulled though the machine			
4.	3)d)	Three (3) Portable, Semiautomatic Wire Feeders			
	i)	Input voltage must come across the arc.			
	ii)	Operating output current up to 300 amps DC			
	iii)	Minimum 60% duty cycle at 300 amps DC			
	iv)	Must hold up to a 44 pound spool of welding wire			
	v)	Must be able to operate with .023 - 1/16 th inch solid wire			
	vi)	Must be able to operate with .035 – 5/64 th inch flux cored wire			
	vii)	Must come with Dynamic braking system on feed motor to minimize wire over runs			
	viii)	Must have automatic motor overload and over voltage protection			
	ix)	Must have tool-less release for wire drive tension system, gun and cable connections			
	x)	Must have DC voltmeter and voltmeter polarity switch			
	xi)	Voltage sensing lead and clip must be at least 12 feet long			
	xii)	Case must be spatter and impact resistant			
	xiii)	Unit must fit though a 16 inch diameter manhole			
	xiv)	Max height 15 inches			
	xv)	Max width 8 inches			
	xvi)	Max depth 22 inches			
	xvii)	Case latches must allow easy wire and include a gun holder			
5.	4)	Delivery			

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W355B-19- 2817

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File No. - N° du dossier
HAL-8-81109

CCC No./N° CCC - FMS No./N° VME

RFP Item No.	Statement of Requirement Reference No.	Specifications	Meet	Does not meet	Cross Reference
6.	5)	Warranty			
7.	6)	Certification			

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CCC No./N° CCC - FMS No./N° VME

ANNEX "C"

BASIS OF PAYMENT

Description of Deliverables	Quantity	Unit Price	Extended Price
800 Amp TIG/Stick Welding Machine	1	\$ _____	\$ _____
350 Amp Constant Current and Constant Voltage Welding Power Sources	2	\$ _____	\$ _____
Portable Semiautomatic Wire Feeders	3	\$ _____	\$ _____
Material and maintenance manuals	2	\$ _____	\$ _____
Warranty	1	\$ _____	\$ _____
Certification	1	\$ _____	\$ _____
Delivery	1	\$ _____	\$ _____
		Total Cost	\$ _____

