



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 Microwave Analyzer	
Solicitation No. - N° de l'invitation W355B-192239/A	Date 2018-10-18
Client Reference No. - N° de référence du client W355B-19-2239	
GETS Reference No. - N° de référence de SEAG PW-\$HAL-222-10525	
File No. - N° de dossier HAL-8-81076 (222)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-11-28	Time Zone Fuseau horaire Atlantic Standard Time AST
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

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PART 1 - GENERAL INFORMATION

1.1 Statement of Requirement

The Department of National Defence has a requirement for one (1) Microwave Analyzer, complete with various software licenses, cable and connector, to carryout trials on the HMC Ships weapons systems.

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

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:

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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-if/politique-policy-eng.html) (<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](#)

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[Development Canada \(ESDC\) - Labour's website \(https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#\)](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 March 29, 2019.

6.4.2 Delivery Points



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

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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;
- (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

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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. GENERAL DESCRIPTION

Supply one (1) Microwave Analyzer, complete with various software licenses, cable and connector, to carryout trials on HMC Ships weapons systems.

2. SPECIFICATIONS

The Microwave Analyzer must have:

- A frequency range of 30 KHz to 18GHz,
- A Vector Network Analyzer,
- A Spectrum Analyzer,
- A built-in Power Meter,
- USB Wide Band Power Meter,
- A GPS Receiver,
- A Distance-to-fault Time-domain Reflectometry (TDR), and
- Pulse Measurement.

The Microwave Analyzer must be compatible with Keysight 89601B-200 Basic Vector Signal Analysis (VSA) and hardware connectivity and 89601B-AYA Vector modulation analysis.

The Microwave Analyzer must be capable of data capture.

The Microwave Analyzer must have internal Memory of at least 4 GB, capable of supporting USB 2.0 Memory Devices and SD/SDHD devices.

The Microwave Analyzer must be capable of 100/10 base-T (auto-switching) for remote (laptop) control and connection to 89600 type software with a RJ-45 connector.

The Microwave Analyzer must be capable of Frequency Blanking to protect classified data.

The Microwave Analyzer must be capable of running on battery power for a minimum of 3 hours.

The Microwave Analyzer must be portable.

The Microwave Analyzer must weigh less than 3.5kg including battery.

The Microwave wave Analyzer must be ruggedized with egress protection IP53.

The Microwave wave Analyzer shall come with Vector Signal Analysis Software, Transportable License (Product No. 89601B).

The Microwave wave Analyzer shall come with Basic vector signal analysis and hardware connectivity, transportable license (Product No. 89601B-200).

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The Microwave wave Analyzer shall come with Vector modulation analysis, transportable license (Product No. 89601B-AYA)

3. WARRANTY

The Microwave Analyzer shall be supplied with a three (3) year parts and labour warranty.

4. ELECTRICAL CERTIFICATION

The equipment being supplied must be certified by an acceptable electrical certified organization. The following certified organizations are acceptable. The electrical equipment must bear a label from one of these organizations in order to be recognized as approved.

At least one of the organizations shall be used;

- Canadian Standards Association (CSA),
- QPS/Entela,
- Intertek Testing Services,
- Underwriters Laboratories of Canada (ULC),
- Underwriters Laboratories Inc. (UL),
- Met Laboratories Inc. (MET),
- TUV Rheinland of North America,
- Quality Auditing Institute (QAI),
- TUV America Inc.,
- NSF International,
- Nemko Canada Inc.
- Curtis-Straus LLC
- OTL Omni Test Laboratories
- FM Approvals LLC (Factory Mutual)

NOTE: Labels from all Organizations above (with the exception of CSA and ULC), must be accompanied by a small "c" at the eight o'clock position or Canadian Standard number to indicate the product has been certified to the Canadian Standard.

Electrical equipment that is not certified by one of the above agencies can only be accepted if the equipment is "field" inspected and labelled by the Canadian Standards Association (CSA), QPS/Entela, Intertek Testing Services, MET Laboratories, TUV America Inc., Underwriters Laboratories of Canada under the Special Inspection Program. This inspection must take place before equipment delivery to FMF Cape Scott and a copy of verification documentation report must accompany the machine with delivery. Identify which Organization shall be used:

- Canadian Standards Association (CSA),
- QPS/Entela,
- Intertek Testing Services,
- Met Laboratories Inc. (MET),
- TUV America Inc.,
- Underwriters Laboratories of Canada (ULC).
- ESA Electrical Safety Authority

5. DELIVERY

It is mandatory that the equipment be delivered on or before 29 March, 2019.

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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.

NO.	SPECIFICATIONS	COMPLIANCE		COMMENT(S)/CROSS REFERENCE
		MEET	DOES NOT MEET	
2.01	The Microwave Analyzer must have:			
	- A frequency range of 30 KHz to 18GHz,			
	- A Vector Network Analyzer,			
	- A Spectrum Analyzer,			
	- A built-in Power Meter,			
	- USB Wide Band Power Meter,			
	- A GPS Receiver,			
	- A Distance-to-fault Time-domain Reflectometry (TDR), and			
	- Pulse Measurement.			
2.02	The Microwave Analyzer must be compatible with Keysight 89601B-200 Basic Vector Signal Analysis (VSA) and hardware connectivity and 89601B-AYA Vector modulation analysis.			
2.03	The Microwave Analyzer must be capable of data capture.			

NO.	SPECIFICATIONS	COMPLIANCE		COMMENT(S)/CROSS
2.04	The Microwave Analyzer must have internal Memory of at least 4 GB, capable of supporting USB 2.0 Memory Devices and SD/SDHD devices.			
2.05	The Microwave Analyzer must be capable of 100/10 base-T (auto-switching) for remote (laptop) control and connection to 89600 type software with a RJ-45 connector.			
2.06	The Microwave Analyzer must be capable of Frequency Blanking to protect classified data.			
2.07	The Microwave Analyzer must be capable of running on battery power for a minimum of 3 hours.			
2.08	The Microwave Analyzer must be portable.			
2.09	The Microwave Analyzer must weigh less than 3.5kg including battery.			
2.10	The Microwave wave Analyzer must be ruggedized with egress protection IP53.			
2.11	The Microwave wave Analyzer shall come with Vector Signal Analysis Software, Transportable License (Product No. 89601B).			
2.12	The Microwave wave Analyzer shall come with Basic vector signal analysis and hardware connectivity, transportable license (Product No. 89601B-200).			

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CCC No./N° CCC - FMS No./N° VME

NO.	SPECIFICATIONS	COMPLIANCE		COMMENT(S)/CROSS
2.13	The Microwave wave Analyzer shall come with Vector modulation analysis, transportable license (Product No. 89601B-AYA)			
3	Warranty			
4	Electrical Certification			
5	Delivery			

Solicitation No. - N° de l'invitation
W355B-192239/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur
HAL-222

Client Ref. No. - N° de réf. du client
W355B-19- 2239

XXXXX
File No. - N° du dossier
HAL-8-81076

CCC No./N° CCC - FMS No./N° VME

ANNEX "C"

BASIS OF PAYMENT

Description of Deliverables	Quantity	Unit Price	Extended Price
Microwave Analyzer	1	\$ _____	\$ _____
Warranty	1	\$ _____	\$ _____
Electrical Certification	1	\$ _____	\$ _____
Delivery		\$ _____	\$ _____
		<i>Total Cost</i>	\$ _____

