

INVITATION TO BID

THIS IS NOT AN ORDER

To: ALL BIDDERS

CTBTO Ref. No.: 2024-0165/Maeda YM
(PLEASE QUOTE ON ALL COMMUNICATIONS)

Tel. No.: +43 (1) 26030-6350

E-mail: procurement@ctbto.org

Attn.:

Phone:

Fax:

Email:

Date: 25 Oct 24

Title of Request: Supply and Delivery of Uninterruptable Power Supplies, Surge Protection Devices, Digital Voltage Stabilizers and Accessories to International Monitoring System Stations and Other Locations on a Call-off Basis

Deadline for Submission: 12 Nov 24

Vienna Local Time: 17:00

The Preparatory Commission for the Comprehensive Nuclear-Test-Ban Treaty Organization (hereinafter referred to as the 'Commission') hereby invites you to bid the following items as per conditions listed below.

Item	Description and Requirements	Quantity	U/M
1	Supply of UPS, Surge Protection Devices, Digital Voltage Stabilizers and Accessories on a Call-off Basis in accordance with Annex B Technical Specifications	1	Lot

When preparing your bid, please follow the attached instructions. You are kindly requested to complete and return the acknowledgement form by e-mail as soon as possible. If you have any questions you should contact the e-mail address indicated above. We look forward to receiving your bid.

Yours sincerely,



for Sally ALVAREZ DE SCHREINER
Chief, Procurement Services Section

ACKNOWLEDGEMENT FORM

Solicitation No: 2024-0165 Title: Supply and Delivery of Uninterruptable Power Supplies, Surge Protection Devices, Digital Voltage Stabilizers and Accessories to International Monitoring System Stations and Other Locations on a Call-off Basis	Closing Date: 12 Nov 24 Vienna Local Time: 17:00
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Procurement Staff: Yo Maeda

CTBTO Req. No.: 0010024848

 Please complete 'A' or 'B' or 'C'
 and Return

WITHIN FIVE (5) DAYS

 THE PREPARATORY COMMISSION FOR THE
 COMPREHENSIVE NUCLEAR-TEST-BAN TREATY ORGANIZATION (CTBTO)

by email to
 procurement@ctbto.org

A: We shall submit our bid	
By: _____ (date)	Company Name: _____ Contact Name: _____ Email/Tel: _____

B: We may submit and will advise	
By: _____ (date)	Company Name: _____ Contact Name: _____ Email/Tel: _____

C: We will not submit a bid for the following reason(s)	
<input type="checkbox"/> our current workload does not permit us to take on additional work at this time; <input type="checkbox"/> we do not have the required expertise for this specific project; <input type="checkbox"/> insufficient time to prepare a proper submission; <input type="checkbox"/> other (please specify) _____	Company Name: _____ Contact Name: _____ Email/Tel: _____

INSTRUCTIONS FOR PREPARATION AND SUBMISSION OF BIDS

1. General

The Preparatory Commission for the Comprehensive Nuclear-Test-Ban Treaty Organization (the Commission) with its headquarters in Vienna is the International Organization mandated to establish the global verification system foreseen under the Comprehensive Nuclear-Test-Ban Treaty (CTBT), which is the Treaty banning any nuclear weapon test explosion or any other nuclear explosions. The Treaty provides for a global verification regime, including a network of 321 stations worldwide, a communication system, an International Data Centre and on-site inspections to monitor compliance with the Treaty.

This Invitation to Bid (ITB) is for the provision of goods/services/works as described in the attached Technical Requirement/Terms of Reference.

The Bid shall meet all requirements stated in these Instructions and the Technical Specifications.

This Project includes two (2) Lots:

- **Lot 1:** Supply and delivery of Uninterruptable Power Supply units, surge protection devices and replacement batteries as described in Sections 4.1, 4.2, 4.3 and 4.4 of the Technical Specifications.
- **Lot 2:** Supply and delivery of Digital Voltage Stabilizers as described in Section 4.5 of the Technical Specifications.

Bidder may decided to bid for one or two Lots.

In case of an award, the following documents shall govern the Contract(s) and in case of discrepancies or inconsistencies, the documents to prevail shall be given precedence in the following order:

- (a) The Contract;
- (b) The Commission's General Conditions of Contract (Annex A to the Contract);
- (c) Technical Specifications (Annex B);
- (d) The Bidder's Offer (Bid) (Annex C).

2. Documents included in this Invitation to Bid (ITB)

This ITB consists of the following documents:

- (a) Letter of Invitation
- (b) These Instructions for Preparation and Submission of Bids, including the Bidder's Statement and the following Attachments:
 - Attachment 1: Minimum Content of Technical Bid
 - Attachment 2-1: Technical Compliance Matrix for Lot 1
 - Attachment 2-2: Technical Compliance Matrix for Lot 2

Attachment 3: List of Delivery Locations

Attachment 4-1: Financial Bid Form for Lot 1

Attachment 4-2: Financial Bid Form for Lot 2

Attachment 5: Procedure for Submission of Electronic Offers in 2 Sealed Files

(c) Vendor Profile Form

(d) Statement of Confirmation

(e) The Commission's Model Contract and its Annexes A through B:

Annex A: The Commission's General Conditions of Contract, incorporated herein by reference and available at this link: [CTBTO General Conditions of Contract](#);

Annex B: The Commission's Technical Specifications

Note: In the event of award, the Bidder's Offer will be incorporated as Annex C to the Contract.

3. Amendment of the ITB Documents

At any time prior to the closing date for submission of Bid, the Commission may, for any reason, modify the ITB documents by amendment. The Commission may consider extending the deadline in order to allow adequate time for considering the modifications in the preparation of the Bid.

4. Language of the Bid

The Bid and all correspondence and documents relating to it shall be in English.

5. Format and Submission of the Bid

The Bid shall be typed, dated and signed by an official legally authorized to enter into contracts on behalf of your organization. The Bid shall not contain any interlineation, erasures or overwriting except as necessary to correct errors, in which case such corrections shall be initialed by the authorized person(s) signing the Bid.

The Proposal shall be submitted electronically according to the attached "PROCEDURE FOR SUBMISSION OF ELECTRONIC BIDS IN 2 SEALED FILES".

Proposals sent by regular e-mail, unless clearly submitted as electronically sealed bids as indicated above and following the instructions outlined in Attachment 5 will not be considered and may lead to the rejection of the bidder from the procurement process.

The Bid shall be received not later than the closing date indicated in the Letter of Invitation.

6. Request for Clarifications and Contacting the Commission

The Commission will issue clarifications, if required. Bidders are requested to e-mail any questions pertaining to this ITB as soon as possible after receipt of the solicitation documents, but in any case no later than 7 business days prior to the Closing Date. No requests for

clarifications will be entertained after this time. Questions will only be accepted via e-mail and should be sent to:

E-mail: procurement@ctbto.org
Subject: Request for Clarifications re ITB No. 2024-0165

The Commission will make all reasonable efforts to issue the clarifications not later than 5 business days prior to the Closing Date.

Except in the case of responding to an ITB clarification, no bidder shall contact the Commission on any matter relating to the Bid after its submission and until the award of the Contract. Any attempt to influence the Commission in its evaluation of the Bid or the award decision may result in rejection of the Bid.

7. Eligible Goods and Services

The goods and services (if any) to be rendered under the Contract shall have their origin in the States Signatories of the Comprehensive Nuclear-Test-Ban Treaty (CTBT) which is available in the CTBTO website at www.ctbto.org under [Status of Signatures and Ratifications | CTBTO](#). For purposes of this paragraph, "the origin" means the place from where the materials, goods and/or from which the services are supplied.

8. Type of Contract and Payment

The Commission intends to conclude a Call-off Contract based on the attached Model Contract. The terms and conditions of payment for goods/services are described in the attached Model Contract.

9. Content of the Bid

The Bid shall contain, but not necessarily be limited to, the information described below.

The Bid shall be composed of the following separate parts:

I. **Technical Bid;** and

II. **Financial Bid;**

providing, but not limited to, the following information:

PART I: TECHNICAL BID

Please state the reference number and the date of this ITB in the Bid and any correspondence relating to it.

The Technical Bid shall follow Attachment I Minimum Content of Technical Proposal and contain but not limited to the following information.

1. Personnel

The Bid shall state the contact details and address (name, telephone and fax numbers, and e-mail address) of the person/point of contact in your company dealing with this ITB.

2. Documents Establishing the Eligibility and Qualifications of the Bidder

- (i) The Bidder shall furnish documentary evidence of its status as an eligible and qualified vendor. In order to award a contract to a Bidder, its qualifications must be documented to the Commission's satisfaction. These include, but are not limited to the following:
 - (a) That, in the case of a Bidder offering to supply goods under the Contract which the Bidder did not manufacture or otherwise produce, the Bidder has been duly authorized by the goods' manufacturer or producer to supply the goods in the country of final destination;
 - (b) That the Bidder has the financial, technical, and production capability necessary to perform the Contract.
- (ii) Expertise of the Firm/Organization: This section shall provide details regarding the experience of the organization and a list of the projects/contracts (both completed and on-going, both domestic and international) which are related or similar in nature to the requirements of the ITB.
- (iii) Management Structure and Key Personnel: This section shall provide information about the management structure and include the comprehensive curriculum vitae (CVs) of key personnel that will be assigned to support the implementation of the technical bid, clearly defining their roles and responsibilities. Curriculum Vitae (CVs) should establish competence and demonstrate qualifications in areas relevant to the requirements of this ITB.
- (iv) In complying with this section, the Bidder assures and confirms to the Commission that the personnel being nominated are available to fulfil the demands of the Contract during its stated full term.

3. Bidder's Statement, Statement of Confirmation and Vendor Profile Form

The attached Bidder's Statement, Statement of Confirmation and Vendor Profile Form shall be duly filled-in, signed and submitted together with the Bid

4. Specifications

The Bid shall include a detailed description of the items proposed and include relevant technical literature.

The Bid shall also provide any other relevant issue which the bidder would like to bring to the attention of the Commission whether or not having cost implications. This shall include details of warranties/manufacturer's guaranties in respect to any Equipment item.

5. Manufacturer's Part Number

The Bid shall include the Manufacturer's Part Number for each Good required by the Commission under this ITB.

6. Sub-Contractors

The Bid shall include names, legal status, address and qualifications of subcontractor(s), if any, involved in the Project and the scope of the subcontracted services. The bidder shall provide a statement that its organization shall be fully responsible for the performance of sub-contractors. All sub-contractors shall be legally established in one of the CTBT states signatories (the list is available on the CTBTO website at www.ctbto.org under [Status of Signatures and Ratifications | CTBTO](#).)

7. Insurance

Insurance to be included in the Bid must be for All Risk, covering 110% of the cost of the equipment proposed, and from the date/place of the shipment to the date/place the delivery is completed. The insurance shall be in the name of the supplier and the Commission. You are requested to confirm that you will provide this insurance coverage.

8. Delivery Schedule

Delivery time shall be indicated in weeks after receipt of a Formal Request of Delivery using Attachment 3 List of Delivery Locations and shall be firm during the validity of the Bid.

9. Model Contract

A statement that the bidder has carefully reviewed the Model Contract and its Annexes and agreed to all terms and conditions. As applicable, these will form part of the contract for this procurement. Deviation, if any, to the Model Contract and/or its Annexes may be a factor to the award decision.

In addition, the bidder shall provide name(s) and contact details of personnel which would be the Commission's point of contact in case of award of the contract as well as name and position of a person who would sign the contract on behalf of the Contractor.

PART II: FINANCIAL BID

1. The Financial Proposal shall be submitted in the format set out in Attachment 4 "Financial Bid Form" attached herewith. Bidders shall provide all the information requested in this matrix but may provide additional related content as attachments.

2. All individual costs should be stated in Euro (for EU Companies) or US Dollars.
3. In principle the Commission is exempt from taxes. Since the arrangement under which such exemption is respected varies from country-to-country, the selected bidder will be informed by the Commission whether tax exemption will occur at source or whether taxes paid by the selected bidder will be reimbursed by the Commission upon submission of the original supporting documentation.

(1) For Austrian companies

The price quoted shall be net of Taxes. All applicable Taxes payable by the selected bidder at the conclusion or implementation of the Contract in respect of the goods/services shall be quoted separately or be separately identified on the Bid together with information on the nature of the tax and its method of calculation.

(2) For European Union (EU) Companies [FOR PURCHASE FROM EU COUNTRIES]

The price quoted shall be net of Taxes. All applicable Taxes payable by the selected bidder at the conclusion or implementation of the Contract in respect of the goods/services shall be quoted separately or separately identified on the Bid together with information on the nature of the Tax and its method of calculation. Due to the VAT exemption applicable to the Commission, no VAT will be charged to the Commission by the EEC Suppliers under the Contract (Ref. EU VAT Council Directive 2006/112/EC, Article 151).

(3) For Non-EU Companies (FOR PURCHASE FROM NON-EU OR NON-EUROPE COUNTRIES)

The price quoted shall be net of Taxes. All applicable Taxes payable by the selected bidder at the conclusion or implementation of the Contract in respect of the goods/services shall be quoted separately or be separately identified on the Bid together with information on the nature of the tax and its method of calculation. For deliveries to Vienna, Austria, and due to the tax exemption at source, applicable to the Commission, no Taxes shall be charged to the Commission under the Contract.

4. Note that clear and detailed explanations would enable us to evaluate the Bid promptly and proceed with fewer requests for clarifications/justifications in a later stage. This is also a factor influencing the decision for Contract award.

10. Completeness and Correctness of the Bid

The Commission reserves the right to verify all information furnished in the Bid through a source of its choice. Any inaccurate information so given may lead to the rejection of the Bid.

11. Evaluation of the Bid

- (a) The technical evaluation shall include the following evaluation criteria:
 - (i) compliance with the technical specifications and Attachment 2 Technical Compliance Matrix;
 - (ii) supplier's qualifications;
 - (iii) delivery schedule.

- (b) The Financial Bid of bidders passing the technical evaluation shall be evaluated as follows:
 - (i) contractual compliance;
 - (ii) commercial acceptability.

- (c) The Commission, based on the evaluation method given above, will determine the Bid which is the "*least costly technically acceptable Bid*". Bidders are expected to comply with all the provisions of the Commission's General Conditions of Contract. Any deviation to these provisions may be a factor in the Commission's award decision.

- (d) To assist in the examination, evaluation and comparison of bids, the Commission may, at its discretion, request any Bidder to clarify its Bid. The Commission's request for clarification and the Bidder's response shall be in writing.

12. Correction of Errors

The Commission will check the Bid for any arithmetic errors. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected.

13. Validity of the Bid

The Bid shall be valid for 90 (ninety) days after the deadline for its submission to the Commission, unless an extension of validity has been requested by the Commission.

14. Negotiations of the Bid and Award

The Commission reserves the right to request clarifications on the Bid and to enter into negotiations regarding technical or commercial aspects of the Bid before awarding the Contract under this ITB. If and when the Bid, including any amendment resulting from such negotiations, is fully agreed, the Commission will notify the bidder in writing.

The Commission reserves the right, as it deems appropriate, to award to a single bidder, to award to multiple bidders in any combination or not to award to any of the bidders as a result of this ITB.

15. Modification and Withdrawal of Bid

Bidders may modify or withdraw their Bids after its submission, provided that written notice of the modification or withdrawal is received by the Commission by the closing date for the submission of the Bid. The Bid may not be modified subsequent to the closing date.

16. The Commission's Right to Reject the Bid

The Commission reserves the right to accept or reject the Bid or to annul this procurement process at any time prior to award without having to inform the affected party of the grounds therefore, without thereby incurring any liability to the affected party.

17. Costs of preparation and submission of the Bid

Bidders shall bear all the costs associated with the preparation and submission of Bid and the Commission will not be responsible or liable for those costs, regardless of the outcome of this ITB.

18. Proprietary Information

All documentation and information contained in this ITB are proprietary to the Commission and shall not be duplicated, used or disclosed –in whole or in part- for any purpose other than to evaluate them and respond to the Commission's ITB or otherwise without prior written agreement of the Commission.

19. Use of former Preparatory Commission for the CTBTO ("Commission") employees in the preparation of Bids

A Bidder must not, in the absence of prior written approval from the Commission, permit a person to contribute to, or participate in, any process relating to the preparation of a Bid or the procurement process if the person:

- a. At any time during the 12 months immediately preceding the date of issue of the Solicitation was an official, agent, servant or employee of, or otherwise engaged by the Commission.
- b. At any time during the 24 months immediately preceding the date of issue of the Solicitation was an employee of the Commission personally engaged, directly or indirectly, in the definition of the requirements, project or activity to which the Solicitation relates.

BIDDER'S STATEMENT
PLEASE FILL THIS FORM & SUBMIT WITH THE BID

Delivery Time:

Shipping weight (kg) and Volume (m³) – if applicable:

List of recommended consumables and spares including prices and details on local availability, if applicable (please tick):
 For one year period For a period of

Warranty period applicable (it shall be for a **minimum of 24 months**, starting from the acceptance of the goods/services by the Commission) – please tick below:
 For a two year period For a period of

Availability of local service in Vienna, Austria (if any/if applicable):

State country of origin or assembly of all items quoted:

Quantity discount and early payment discount (if any):

Include documentary evidence of qualifications to perform the order, which shall establish to the Commission's satisfaction that the bidder has the financial, technical and production capability necessary to perform the order in its entirety and to provide spare parts and other necessary on-going services as required.
Included in this Bid : **Yes** **No**

Confirmation that the bidder has reviewed the Commission's Model Contract and the Commission's General Conditions of Contract, and agreed to all terms and conditions.
Yes **No**
Remarks:

With regards to the software provided with the equipment, state and confirm whether the software licenses are transferable to third parties, i.e. the Commission or the Commission's State Signatories (Member States).
Yes No Not applicable
Remarks:

Name:
Name & Title of Contact Person:
Signature & date:

Attachment 1

Minimum Content of Technical Bid

The Bidder is required to provide a sufficiently detailed Technical Bid to fully demonstrate a thorough knowledge and understanding of the requirements, necessary capabilities and expertise to execute the contract satisfactorily.

Minimum Content of Technical Bid

The bidder shall submit its Technical Bid as per the Minimum Content of Technical Bid described below. This format is established to ensure that all aspects of the requirement are considered by the bidder and will also facilitate bid evaluation. The bidder must follow the Table of Content for the main body of its Bid but may choose to add to provide additional related content as they deem necessary in corresponding Annexes or Attachments. This Minimum Content of Technical Bid applies to both Lot 1 and Lot 2.

Technical Compliance Matrix and List of Delivery Locations

The bidder shall complete and submit Attachment 2 Technical Compliance Matrix and Attachment 3 List of Delivery Locations as part of its Technical Bid.

Minimum Content of Technical Bid

Item	Minimum expected contents
1. Company Overview	
1.1 Corporate Profile and Values	<ul style="list-style-type: none"> - Brief background of company, ownership, size, location, profile. - Company’s business structure and its authority to supply all goods under the Contract. - Relationship of the Bidder’s business to any sub-contractors that will be used (Describe subsidiaries or distributors that will be required to supply the goods).
1.2 Corporate Qualifications and Experience	<p>Provide documentary evidence of technical and financial capability to deliver the goods required as described in the Technical Specifications. Such information shall include:</p> <ul style="list-style-type: none"> a) Experience in providing goods of similar type, scope and quantity to those described in the Technical Specifications. b) Experience in supplying difficult and remote locations listed in Appendix A of the Technical Specifications. c) At least two relevant examples describing the supply of similar goods and delivery to international customers in destinations described in the Technical Specifications. d) Demonstrate knowledge of proper packing, handling, transportation and importation requirements.
1.3 Management Team and Technical Staffing	<ul style="list-style-type: none"> - Briefly explain the management structure to demonstrate the ability to provide effectively the specified goods to the required quantity, quality and timeliness and manage their delivery. - Name individual(s) responsible for management and key positions related to the Contract.
2. Meeting the Requirements	<ul style="list-style-type: none"> a) Describe understanding of the technical requirements specified in the Technical Specifications. b) Describe relevant available facilities (manufacturing and test facilities, workshop, offices, warehousing) including: <ul style="list-style-type: none"> - Exact street address and location; - Size of available areas, purpose and infrastructure; - Supply capacities and estimated supply lead times for the goods requested. c) Describe the Bidder’s quality system including project management approach. Include copies of any relevant certification. d) Identify major risks that could affect delivery of the goods. Include proposed mitigation measures. e) For each destination listed in Appendix A of the Technical Specifications indicate a <u>delivery lead time</u> and how the equipment will be delivered (e.g. using local distributor) by completing Attachment 3 List of Delivery Locations.
Annex – Technical Compliance Matrix	<ul style="list-style-type: none"> - Complete Attachment 2 Technical Compliance Matrix and include them as part of the technical bid.

Attachment 2-1

Technical Compliance Matrix for Lot 1

Ref No. of ToR	No.	Criterion	Requirement	Bidder's Response	
				Yes/ No	Comments and Reference Page/Section of Bid
4.1	UNINTERRUPTABLE POWER SUPPLIES (UPS)				
	4.1.1	Type	True-On-line/double conversion, single phase		
	4.1.2	Mounting	Tower and rack mountable must be quoted		
	4.1.3	Nominal Input Voltage	100-120 V and 220-240 V models must be quoted		
	4.1.4	Input Frequency	50/60 Hz Autosensing		
	4.1.5	Humidity Range	0-95% relative humidity		
	4.1.6	Input Voltage range	+20%-30% of nominal		
	4.1.7	Nominal Output Voltage	100-120 V or 220-240 V		
	4.1.8	Output Voltage Range	-10% +6 % of nominal output voltage		
	4.1.9	Output waveform type	Sine wave		
	4.1.10.1	Volt-Amp Rating	1000 to 1500 VA		
	4.1.10.2		2200VA		
	4.1.10.3		3000VA		
	4.1.10.4		8000 VA		
	4.1.11.1	Runtime	Minimum 20 minutes at full load		
4.1.11.2	2 hours at full load (optional with extra battery packs)				
4.1.12	Communication and management	SNMP network card capability			
4.1.13	Operating temperature	0° - 40°C			

Ref No. of ToR	No.	Criterion	Requirement	Bidder Statement	
				Yes/ No	Comments and Reference Page/Section of Bid
4.1	4.1.13.1	Features/ Compliance	Surge protection and noise filtering compliant to IEC 61643 and UL 1449		
	4.1.13.2		CCC certificate mandatory for equipment delivered to China for 1700VA and 3300VA units. Desirable for all units as an option.		
	4.1.13.3		Software for controlling the UPS for Windows and Linux operating systems ensuring graceful shutdown and restart		
	4.1.13.4		Software for monitoring the UPS performance including logging of parameters and sending of alert messages via Ethernet		
	4.1.13.5		Audible Alarms for On Battery, Low Battery and Overload		
	4.1.13.6		Ability to connect environmental probes such a temperature and humidity		
	4.1.13.7		LCD or LED display		
	4.1.13.8		Self-diagnostics		
	4.1.13.9		Bypass Switch (optional)		
	4.1.13.10		Expandable battery packs (optional)		
	4.1.13.11		Hot Swappable Batteries (optional)		
	4.1.13.12		Replacement batteries for supplied UPSs in the contract		
4.2	SMALL SURGE PROTECTION UNIT / EXTREME VOLTAGE SHUTDOWN				
	4.2.1.1	Type	230Vac		
	4.2.1.2		120Vac		
	4.2.2	Response Time	Max. 1 nanosecond		
	4.2.3.1	Current Rating	16A minimum for 230Vac models		
	4.2.3.2		20A minimum for 120Vac models		
	4.2.4	Power Consumption	Max. 25VA/12W		
	4.2.5	Form Factor	19" rack 1U (1.75 inch)		
	4.2.6	Models	Furman PL-PO DM CE 16A-220-240V and 20A120V or equivalent		

Ref No. of ToR	No.	Criterion	Requirement	Bidder Statement	
				Yes/ No	Comments and Reference Page/Section of Bid
4.3	SURGE PROTECTION DEVICES				
	4.3.1	Type	Surge Protection devices for power supply systems		
	4.3.2	Nominal Input Voltage	Models for 100-120 V and 220-240 V input must be quoted		
	4.3.3	Input Frequency	50 and 60 Hz		
	4.3.4	Class	Combined arresters class I+II		
	4.3.5	Features/ Compliance	Application-optimized combined lightning current and surge arrester for: <ul style="list-style-type: none"> - TN-C systems (DEHNshield TNC 255 or equivalent) - TN-S systems (DEHNshield TNS 255 or equivalent) - TT and TN-S systems (3+1 configuration) (DEHNshield TT 255 or equivalent) - single-phase TN systems (DEHNshield TN 255 or equivalent) - single-phase TT and TN systems (DEHNshield TT 2P 255 or equivalent) 		
4.4	BATTERIES AND SPARE PARTS FOR EXISTING APC UPS INSTALLED AT IMS STATIONS				
	4.4.1.1	Batteries	APCRBC115 APC Replacement Battery Cartridge #115 for APC Smart-UPS		
	4.4.1.2		RBC55 APC Replacement Battery Cartridge #55 for APC Smart-UPS		
	4.4.1.3		SYBT2 for APC Symmetra RM 2-6kVA		
	4.4.1.4		APC RBC140		
	4.4.1.5		APC RBC141		
	4.4.1.6		APC RBC152		
	4.4.1.7		Battery replacement for Socomec NRT3-U7000K UPS (NRT3-B7000)		
	4.4.1.8		Battery replacement for Socomec NRT2-U3300 UPS		
	4.4.1.9		Battery replacement for Socomec NRT2-U1700 UPS		
4.4.2.1	UPC	APC Symmetra RM6000 (rack only)			

Ref No. of ToR	No.	Criterion	Requirement	Bidder Statement	
				Yes/ No	Comments and Reference Page/Section of Bid
4.4	4.4.2.2	Network communication cards	APC Power module SUPM2KU		
	4.4.2.3		APC Main Intel. Module SYMM3		
	4.4.2.4		APC Redundant Intel. Module SYRIM3		
	4.4.3.1		Socomec NetVision 7		
	4.4.3.2		APC AP9631		
5	WARRANTY				
	5.1	Warranty	The Bidder agrees to provide a two-year warranty support for each UPS unit (excluding replacement batteries) delivered to the IMS station. Warranty support includes services, such as repair of faulty UPSs, replacement of irreparable UPSs and technical support via telephone, telefax and e-mail.		
7	CONTRACTOR REQUIREMENTS				
	7.1	Contractor requirements	The Bidder is established in the business of supply of goods described in these Technical Specifications for a minimum of five years and has a proven record of related experience.		
	7.2		The Bidder has experience in supplying international customers including knowledge of proper packing, handling, transportation and importation requirements.		
	7.3		The Bidder has the capacity to deliver the goods to countries and locations listed in Appendix A of the Technical Specifications.		
	7.4		In cases where importation would be difficult, expensive or impractical, the Bidder can source the goods locally. Therefore, the Bidder has official subsidiaries or distributors in the regions or countries concerned covering at least 50% of the locations listed in Appendix A of the Technical Specifications.		

Ref No. of ToR	No.	Criterion	Requirement	Bidder Statement	
				Yes/ No	Comments and Reference Page/Section of Bid
8	DELIVERY				
	8.1	Delivery	The Bidder shall deliver ordered UPSs, related accessories and replacement batteries directly to the local station operators' premises of the IMS Stations listed in Appendix A of the Technical Specifications or, if agreed by the Commission, to the Commission's premises in Vienna, Austria.		
	8.2		The Bidder has completed Attachment 3 List of Delivery Locations.		
	8.3		The Bidder agrees to achieve a dispatch time of less than two (2) weeks after receipt of an FRD, except for unforeseeable circumstances.		

BIDDER'S NAME: _____

SIGNATURE and SEAL: _____

NAME AND POSITION: _____

DATE: _____

PLACE: _____

Attachment 2-2

Technical Compliance Matrix for Lot 2

Ref No. of ToR	No.	Criterion	Requirement	Bidder Statement	
				Yes/ No	Comments and Reference Page/Section of Bid
4.5	DIGITAL VOLTAGE STABILIZER				
4.5.1.1	Type		Single phase (220-240 V)		
4.5.1.2			Two phases (phase-phase 200 V or 208 V) input Three phases (208V and 400V)		
4.5.2	Input variation range		15% or 20% - configurable		
4.5.3	Nominal Input Voltage		100-120 V and 220-240 V and 400V models must be quoted		
4.5.4	Input Frequency		50 and 60 Hz		
4.5.5	Nominal Output Voltage		115 V or 200 V or 208 V or 230 V or 400V		
4.5.6	Output Voltage Range		±0.5 % of nominal output voltage		
4.5.7	Output waveform type		Sine wave		
4.5.8	Volt-Amp Rating		45 kVa-20 kVa, 10 kVA or 7 kVA - configurable		
4.5.9	Operating temperature		Minimum requirements: 0° - 40°C		
4.5.10.1	Features/ Compliance		Class I SPD surge protection		
4.5.10.2			Manual Bypass Switch		
4.5.10.3			Overload protection		
4.5.10.4			Automatic reset to default settings after power outage		
4.5.10.5			CCC certificate mandatory for equipment delivered to China		

Ref No. of ToR	No.	Criterion	Requirement	Bidder Statement	
				Yes/ No	Comments and Reference Page/Section of Bid
5	WARRANTY				
	5.1	Warranty	The Bidder agrees to provide a two-year warranty support for each digital voltage stabilizer delivered to the IMS station. Warranty support includes services, such as repair of faulty digital voltage stabilizers, replacement of irreparable digital voltage stabilizers and technical support via telephone, telefax and e-mail.		
7	CONTRACTOR REQUIREMENTS				
	7.1	Contractor requirements	The Bidder is established in the business of supply of goods described in these Technical Specifications for a minimum of five years and has a proven record of related experience.		
	7.2		The Bidder has experience in supplying international customers including knowledge of proper packing, handling, transportation and importation requirements.		
	7.3		The Bidder has the capacity to deliver the goods to countries and locations listed in Appendix A of the Technical Specifications.		
	7.4		In cases where importation would be difficult, expensive or impractical, the Bidder can source the goods locally. Therefore, the Bidder has official subsidiaries or distributors in the regions or countries concerned covering at least 50% of the locations listed in Appendix A of the Technical Specifications.		
8	DELIVERY				
	8.1	Delivery	The Bidder shall deliver ordered digital voltage stabilizers, related accessories and replacement batteries directly to the local station operators' premises of the IMS Stations listed in Appendix A of the Technical Specifications or, if agreed by the Commission, to the Commission's premises in Vienna, Austria.		
	8.2		The Bidder has completed Attachment 3 List of Delivery Locations.		

Ref No. of ToR	No.	Criterion	Requirement	Bidder Statement	
				Yes/ No	Comments and Reference Page/Section of Bid
	8.3		The Bidder agrees to achieve a dispatch time of less than two (2) weeks after receipt of an FRD, except for unforeseeable circumstances.		

BIDDER'S NAME: _____

SIGNATURE and SEAL: _____

NAME AND POSITION: _____

DATE: _____

PLACE: _____

Attachment 3

List of Delivery Locations

Treaty Number	Station Name	Country	Local Delivery Or Importation ⁱ	Estimated Delivery Time (days) ⁱⁱ	Comments
AS001	Coronel Fontana	Argentina			
AS002	Ushuaia	Argentina			
IS01	Villa Traful	Argentina			
IS02	Ushuaia	Argentina			
PS01	Paso Flores	Argentina			
RN01	Buenos Aires	Argentina			
RN02	Salta	Argentina			
RN03	Bariloche	Argentina			
AS003	Garni	Armenia			
AS004	Charters Towers, QLD	Australia			
AS005	Fitzroy Crossing, WA	Australia			
AS006	Narrogin, WA	Australia			
HA01	Cape Leeuwin, WA	Australia			
IS03	Davis Base, Antarctica	Australia			
IS04	Shannon	Australia			
IS05	Hobart, TAS	Australia			
IS06	Cocos Islands	Australia			

Treaty Number	Station Name	Country	Local Delivery Or Importationⁱ	Estimated Delivery Time (days)ⁱⁱ	Comments
IS07	Warramunga, NT	Australia			
PS02	Warramunga, NT	Australia			
PS03	Alice Springs	Australia			
PS04	Stephens Creek, NSW	Australia			
PS05	Mawson, Antarctica	Australia			
RN04	Melbourne, VIC	Australia			
RN05	Mawson, Antarctica	Australia			
RN06	Townsville	Australia			
RN07	Macquarie Island	Australia			
RN08	Cocos Islands	Australia			
RN09	Darwin, NT	Australia			
RN10	Perth, WA	Australia			
AS007	Bariadhala, Chittagong	Bangladesh			
AS008	San Ignacio	Bolivia			
IS08	La Paz	Bolivia			
PS06	La Paz	Bolivia			
AS009	Lobatse	Botswana			
AS010	Pitinga	Brazil			
AS011	Riachuelo	Brazil			
IS09	Brasilia	Brazil			

Treaty Number	Station Name	Country	Local Delivery Or Importationⁱ	Estimated Delivery Time (days)ⁱⁱ	Comments
PS07	Brasilia	Brazil			
RN11	Rio de Janeiro	Brazil			
RN12	Recife	Brazil			
RN13	Edea	Cameroon			
AS012	Iqaluit, Nunavut	Canada			
AS013	Dease Lake, B.C.	Canada			
AS014	Sadowa, Ont.	Canada			
AS015	Bella Bella, B.C.	Canada			
AS016	Resolute, Nunavut	Canada			
AS017	Inuvik, N.W.T.	Canada			
HA02	Queen Charlotte Islands, B.C.	Canada			
IS10	Lac du Bonnet, Man.	Canada			
PS08	Lac du Bonnet, Man.	Canada			
PS09	Yellowknife, N.W.T.	Canada			
PS10	Schefferville, Quebec	Canada			
RN14	Vancouver, B.C.	Canada			
RN15	Resolute, NU	Canada			
RN16	Yellowknife, N.W.T.	Canada			
RN17	St. John's N.L.	Canada			
IS11	Cape Verde Islands	Cape Verde			

Treaty Number	Station Name	Country	Local Delivery Or Importationⁱ	Estimated Delivery Time (days)ⁱⁱ	Comments
IS12	Bangui	Central African Republic			
PS11	Bangui	Central African Republic			
AS018	Easter Island	Chile			
AS019	Limon Verde	Chile			
HA03	Juan Fernandez Island	Chile			
IS13	Easter Island	Chile			
IS14	Robinson Crusoe Island	Chile			
RN18	Punta Arenas	Chile			
RN19	Hanga Roa, Easter Island	Chile			
AS020	Baijiatuan	China			
AS021	Kunming	China			
AS022	Sheshan	China			
AS023	Xi'an	China			
IS15	Beijing	China			
IS16	Kunming	China			
PS12	Hailar	China			
PS13	Lanzhou	China			
RN20	Beijing	China			
RN21	Lanzhou	China			
RN22	Guangzhou	China			

Treaty Number	Station Name	Country	Local Delivery Or Importationⁱ	Estimated Delivery Time (days)ⁱⁱ	Comments
PS14	El Rosal	Colombia			
AS024	Rarotonga	Cook Islands			
RN23	Rarotonga	Cook Islands			
AS025	Las Juntas de Abangares	Costa Rica			
IS17	Dimbokro	Côte d'Ivoire			
PS15	Dimbroko	Côte d'Ivoire			
AS026	Vranov	Czech Republic			
AS027	Sondre Stromfjord, Greenland	Denmark			
IS18	Qaanaaq, Greenland	Denmark			
AS028	Arta Tunnel	Djibouti			
IS19	Djibouti	Djibouti			
IS20	Isla Santa Cruz, Galapagos Islands	Ecuador			
RN24	Isla Santa Cruz, Galapagos Islands	Ecuador			
AS029	Kottamya	Egypt			
PS16	Luxor	Egypt			
AS030	Furi	Ethiopia			
RN25	Addis Ababa	Ethiopia			
AS031	Monasavu, Viti Levu	Fiji			
RN26	Nadi	Fiji			
PS17	Lahti	Finland			

Treaty Number	Station Name	Country	Local Delivery Or Importationⁱ	Estimated Delivery Time (days)ⁱⁱ	Comments
AS032	Mont Dzumac	France			
AS033	Kourou, French Guiana	France			
HA04	Crozet Islands	France			
HA05	Guadeloupe	France			
IS21	Marquesas Islands	France			
IS22	Port Laguerre, New Caledonia	France			
IS23	Kerguelen	France			
IS24	Tahiti	France			
IS25	Kourou, French Guiana	France			
PS18	Tahiti	France			
RN27	Papeete, Tahiti	France			
RN28	Pointe-a-Pitre, Guadeloupe	France			
RN29	Reunion	France			
RN30	Port-aux-Francais, Kerguelen	France			
RN31	Kourou, French Guiana	France			
RN32	Dumont d'Urville, Antarctica	France			
AS034	Masuku	Gabon			
IS26	Freyung	Germany			
IS27	Georg von Neumayer, Antarctica	Germany			
PS19	Freyung	Germany			

Treaty Number	Station Name	Country	Local Delivery Or Importationⁱ	Estimated Delivery Time (days)ⁱⁱ	Comments
RN33	Schauinsland/Freiburg	Germany			
AS035	SANAE Station, Antarctica	Germany/South Africa			
AS036	Anogia, Crete	Greece			
AS037	El Apazote	Guatemala			
AS038	Borgames	Iceland			
RN34	Reykjavik	Iceland			
AS040	Lembang, Jawa Barat	Indonesia			
AS041	Jayapura, Irian Jaya	Indonesia			
AS042	Sorong, Irian Jaya	Indonesia			
AS043	Parapat, Sumatera	Indonesia			
AS044	Kappang, Sulawesi Selatan	Indonesia			
AS045	Baumata, Timur	Indonesia			
AS046	Kerman	Iran (Islamic Republic of)			
AS047	Shsuhtar	Iran (Islamic Republic of)			
IS29	Tehran	Iran (Islamic Republic of)			
PS21	Tehran	Iran (Islamic Republic of)			
RN36	Tehran	Iran (Islamic Republic of)			
AS048	Eilath	Israel			
AS049	Mount Meron	Israel			
AS050	Valguarnera, Sicily	Italy			

Treaty Number	Station Name	Country	Local Delivery Or Importationⁱ	Estimated Delivery Time (days)ⁱⁱ	Comments
AS051	Ohita, Kyushu	Japan			
AS052	Kunigami, Okinawa	Japan			
AS053	Hachijojima, Izu Islands	Japan			
AS054	Kamikawa-asahi, Hokkaido	Japan			
AS055	Chichijima, Ogasawara	Japan			
IS30	Tsukuba	Japan			
PS22	Matsushiro	Japan			
RN37	Okinawa	Japan			
RN38	Takasaki, Gunma	Japan			
AS056	Ashqof	Jordan			
AS057	Borovoye	Kazakhstan			
AS058	Kurchatov	Kazakhstan			
AS059	Aktyubinsk	Kazakhstan			
IS31	Aktyubinsk	Kazakhstan			
PS23	Makanchi	Kazakhstan			
IS32	Nairobi	Kenya			
PS24	Kilimambogo	Kenya			
RN39	Kiritimati	Kiribati			
RN40	Kuwait City	Kuwait			
AS060	Ala-Archa	Kyrgyzstan			

Treaty Number	Station Name	Country	Local Delivery Or Importationⁱ	Estimated Delivery Time (days)ⁱⁱ	Comments
RN41	Misratah	Libyan Arab Jamahiriya			
AS061	Ambohidratompo	Madagascar			
IS33	Antananarivo	Madagascar			
RN42	Tanah Rata	Malaysia			
AS062	Kowa	Mali			
RN43	Nouakchott	Mauritania			
AS063	Tepich, Yucatan	Mexico			
AS064	Tuzandepeti, Veracruz	Mexico			
AS065	La Paz, Baja California Sur	Mexico			
HA06	Socorro Island	Mexico			
RN44	Guerrero Negro, Baja California	Mexico			
IS34	Songino	Mongolia			
PS25	Songino	Mongolia			
RN45	Ulaanbaatar	Mongolia			
AS066	Midelt	Morocco			
AS067	Tsumeb	Namibia			
IS35	Tsumeb	Namibia			
AS068	Everest	Nepal			
AS069	Rata Peaks, South Island	New Zealand			
AS070	Raoul Island	New Zealand			

Treaty Number	Station Name	Country	Local Delivery Or Importationⁱ	Estimated Delivery Time (days)ⁱⁱ	Comments
AS071	Urewera, North Island	New Zealand			
IS36	Chatham Island	New Zealand			
RN46	Chatham Island	New Zealand			
RN47	Kaitaia	New Zealand			
PS26	Torodi	Niger			
RN48	Agadez	Niger			
AS072	Spitsbergen	Norway			
AS073	Jan Mayen	Norway			
IS37	Karasjok	Norway			
PS27	Hamar	Norway			
PS28	Karasjok	Norway			
RN49	Spitsbergen	Norway			
AS074	Wadi Sarin	Oman			
IS38	Rahimyar Khan	Pakistan			
PS29	Pari	Pakistan			
IS39	Palau	Palau			
RN50	Panama City	Panama			
AS075	Port Moresby	Papua New Guinea			
AS076	Keravat	Papua New Guinea			
IS40	Keravat	Papua New Guinea			

Treaty Number	Station Name	Country	Local Delivery Or Importationⁱ	Estimated Delivery Time (days)ⁱⁱ	Comments
RN51	Kavieng, New Ireland	Papua New Guinea			
IS41	Villa Florida	Paraguay			
PS30	Villa Florida	Paraguay			
AS077	Atahualpa	Peru			
AS078	Nana	Peru			
AS079	Davao, Mindanao	Philippines			
AS080	Tagaytay, Luzon	Philippines			
RN52	Tanay	Philippines			
HA07	Flores	Portugal			
IS42	Azores, Graziosa Islands	Portugal			
RN53	Ponta Delgada, Sao Miguel, Azores	Portugal			
PS31	Wonju	Republic of Korea			
AS081	Muntele Rosu	Romania			
AS082	Kirov	Russian Federation			
AS083	Kislovodsk	Russian Federation			
AS084	Obninsk	Russian Federation			
AS085	Arti	Russian Federation			
AS086	Seymchan	Russian Federation			
AS087	Talaya	Russian Federation			
AS088	Yakutsk	Russian Federation			

Treaty Number	Station Name	Country	Local Delivery Or Importationⁱ	Estimated Delivery Time (days)ⁱⁱ	Comments
AS089	Urgal	Russian Federation			
AS090	Bilibino	Russian Federation			
AS091	Tiksi	Russian Federation			
AS092	Yuzhno-Sakhalinsk	Russian Federation			
AS093	Magadan	Russian Federation			
AS094	Zilim	Russian Federation			
IS43	Dubna	Russian Federation			
IS44	Petropavlovsk-Kamchatskiy	Russian Federation			
IS45	Ussuriysk	Russian Federation			
IS46	Zalesovo	Russian Federation			
PS32	Khabaz	Russian Federation			
PS33	Zalesovo	Russian Federation			
PS34	Norilsk	Russian Federation			
PS35	Peleduy	Russian Federation			
PS36	Petropavlovsk-Kamchatskiy	Russian Federation			
PS37	Ussuriysk	Russian Federation			
RN54	Kirov	Russian Federation			
RN55	Norilsk	Russian Federation			
RN56	Peleduy	Russian Federation			
RN57	Bilibino	Russian Federation			

Treaty Number	Station Name	Country	Local Delivery Or Importationⁱ	Estimated Delivery Time (days)ⁱⁱ	Comments
RN58	Ussuriysk	Russian Federation			
RN59	Zalesovo	Russian Federation			
RN60	Petropavlovsk-Kamchatskiy	Russian Federation			
RN61	Dubna	Russian Federation			
AS095	Afiamalu	Samoa			
AS096	Dhaban Al-Janub	Saudi Arabia			
PS38	Haleban	Saudi Arabia			
AS097	Babate	Senegal			
AS098	Honiara, Guadalcanal	Solomon Islands			
AS099	Sutherland	South Africa			
IS47	Boshof	South Africa			
PS39	Boshof	South Africa			
RN62	Marion Island	South Africa			
PS40	Sonseca	Spain			
AS100	Pallekele	Sri Lanka			
AS101	Hagfors	Sweden			
RN63	Stockholm	Sweden			
AS102	Davos	Switzerland			
PS41	Chiang Mai	Thailand			
RN65	Bangkok	Thailand			

Treaty Number	Station Name	Country	Local Delivery Or Importationⁱ	Estimated Delivery Time (days)ⁱⁱ	Comments
IS48	Thala	Tunisia			
PS42	Thala	Tunisia			
PS43	Keskin	Turkey			
PS44	Alibeck	Turkmenistan			
AS103	Mbarara	Uganda			
PS45	Malin	Ukraine			
AS104	Eskdalemuir	United Kingdom			
HA08	BIOT/Chagos Archipelago	United Kingdom			
HA09	Tristan da Cunha	United Kingdom			
IS49	Tristan da Cunha	United Kingdom			
IS50	Ascension	United Kingdom			
IS51	Bermuda	United Kingdom			
IS52	BIOT/Chagos Archipelago	United Kingdom			
RN66	BIOT/Chagos Archipelago	United Kingdom			
RN67	St. Helena	United Kingdom			
RN68	Tristan da Cunha	United Kingdom			
RN69	Halley, Antarctica	United Kingdom			
RN64	Dar es Salaam	United Republic of Tanzania			
AS105	Guam, Marianas Islands	United States of America			
AS106	Palmer Station, Antarctica	United States of America			

Treaty Number	Station Name	Country	Local Delivery Or Importationⁱ	Estimated Delivery Time (days)ⁱⁱ	Comments
AS107	Tuckaleechee Caverns	United States of America			
AS108	Piñon Flat, CA	United States of America			
AS109	Yreka, CA	United States of America			
AS110	Kodiak Island, AK	United States of America			
AS111	Albuquerque, NM	United States of America			
AS112	Attu Island, AK	United States of America			
AS113	Elko, NV	United States of America			
AS114	South Pole, Antarctica	United States of America			
AS115	Newport, WA	United States of America			
AS116	San Juan, PR	United States of America			
HA10	Ascension	United States of America			
HA11	Wake Island	United States of America			
IS53	Fairbanks, AK	United States of America			
IS54	Palmer Station, Antarctica	United States of America			
IS55	Windless Bight, Antarctica	United States of America			
IS56	Newport, WA	United States of America			
IS57	Piñon Flat, CA	United States of America			
IS58	Midway Islands	United States of America			
IS59	Hawaii, HI	United States of America			
IS60	Wake Island	United States of America			

Treaty Number	Station Name	Country	Local Delivery Or Importationⁱ	Estimated Delivery Time (days)ⁱⁱ	Comments
PS46	Lajitas, TX	United States of America			
PS47	Mina, NV	United States of America			
PS48	Pinedale, WY	United States of America			
PS49	Eielson, AK	United States of America			
PS50	Vanda, Antarctica	United States of America			
RN70	Sacramento, CA	United States of America			
RN71	Sand Point, Ak	United States of America			
RN72	Melbourne, FL	United States of America			
RN73	Palmer Station	United States of America			
RN74	Ashland	United States of America			
RN75	Charlottesville, VA	United States of America			
RN76	Salchaket, AK	United States of America			
RN77	Wake Island	United States of America			
RN78	Midway Islands	United States of America			
RN79	Oahu, HI	United States of America			
RN80	Upi, Guam	United States of America			
AS117	Santo Domingo	Venezuela			
AS118	Puerto la Cruz	Venezuela			
AS119	Lusaka	Zambia			
AS120	Matopos	Zimbabwe			

ⁱ Place of delivery means nearest inhabited settlement that can be reached by road transportation.

ⁱⁱ Estimated delivery time means from date of FRD to receipt at place of delivery.

BIDDER'S NAME: _____

SIGNATURE and SEAL: _____

NAME AND POSITION: _____

DATE: _____

PLACE: _____

Attachment 4

“Procedure for Submission of Electronic Offers in 2 Sealed Files”

The Commission invites you to submit your sealed offer (Bid, or Proposal) in response to the solicitation forming part of this request.

Please be sure to follow the instructions below very carefully, so that the documents you submit are encrypted, and cannot be opened without an encryption key (password). If the documents are not encrypted, they will not be accepted as part of this tender process.

CRITICAL INFORMATION:

Create separate zip files for the technical offer and the financial offer (labelling them clearly in the title) with different encryption keys. Instructions for how to do this are provided below.

Step 1: You provide the encryption key (password) for the *Technical Offer only* (in accordance with the below instructions)!

Step 2: After the Commission has performed the evaluation of the Technical Offer, if your Technical Offer is considered to be acceptable, the Commission will request the encryption key (password) for the Financial Offer you have already submitted by the tender Deadline.

Should you have any questions, please send an email to procurement@ctbto.org.

We recommend that you leave yourself plenty of time to complete the below process (including getting any necessary assistance from the Commission), as late offer will not be accepted.

INSTRUCTIONS:

1. In a **WINDOWS** environment, one way of meeting the requirements is as follows.

We recommend using the open-source, free software **7-zip**, but if you are comfortable with other tools, the result should be the same, as long as you can apply encryption to the archive. In the below, we'll use 7-zip as an example. (You can download the 7-zip code for Windows at: 7-zip.org)

2. In **LINUX** environment, you can use, for instance, “sha1sum” on the command line.

Creating the archives for submission

Regardless of whether the offer is a single file, or a collection of files, the files are easier to manage if delivered as a single, compressed file. Compressing the archive is a common way to meet size limitations in email systems.

As an example of how to submit your offer in the required format: assuming you are supplier “SOFTCOMP” and have the following files related to the offer for “RFP 2020-0010/EDWALD”. (*You will need to replace these elements with the real information for your actual offer in line with the relevant Instructions for Preparation and Submission of Proposals/Bids.*) Assuming further that you have installed the 7-zip software on the Windows system you are using.

We will only go through the creation of the Technical Offer (Proposal/Bid) component; the Financial Offer (Proposal/Bid) component is similar.

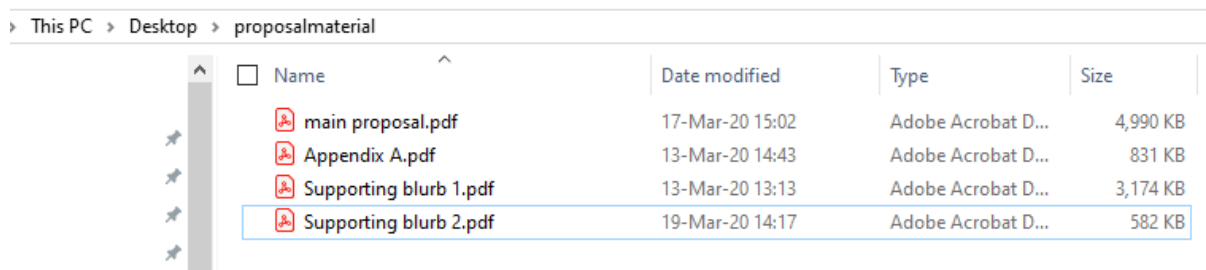


Figure 1 An example set of files to be submitted

Select the four files and right-click; a Dialog box pops up, with one of the options being “7-ZIP >”. Hover your cursor over the “>” part and a few more options appear, select the “Add to archive” option.

Another dialog box pops up (see ‘Figure 2, Creating an Archive’, next page):

Using the standard Windows methods, select a suitable location for the archive (if you don’t change it, the archive gets created right where the selected files are), and give it a name in the form of: “SOFTCOMP-2020-0010-EDWALD-TECHNICAL-BID”, of course replacing all the elements with the true values for the offer in question: the actual company indicator, and the actual RFP/ITB identification string. Note that it is not possible to put a slash “/” in the file name, and therefore put a dash “-” instead. Leave the file extension “.zip” as is.

Leave all the other settings as is, except: **add a password to the encryption** (see figure 2 below). This is done by typing the same password (of your choosing) twice in the two text fields in the lower right hand corner.

Make a note of this password. You must choose different passwords for the two zip archives, that is, the Technical and the Financial Proposal/Bid.

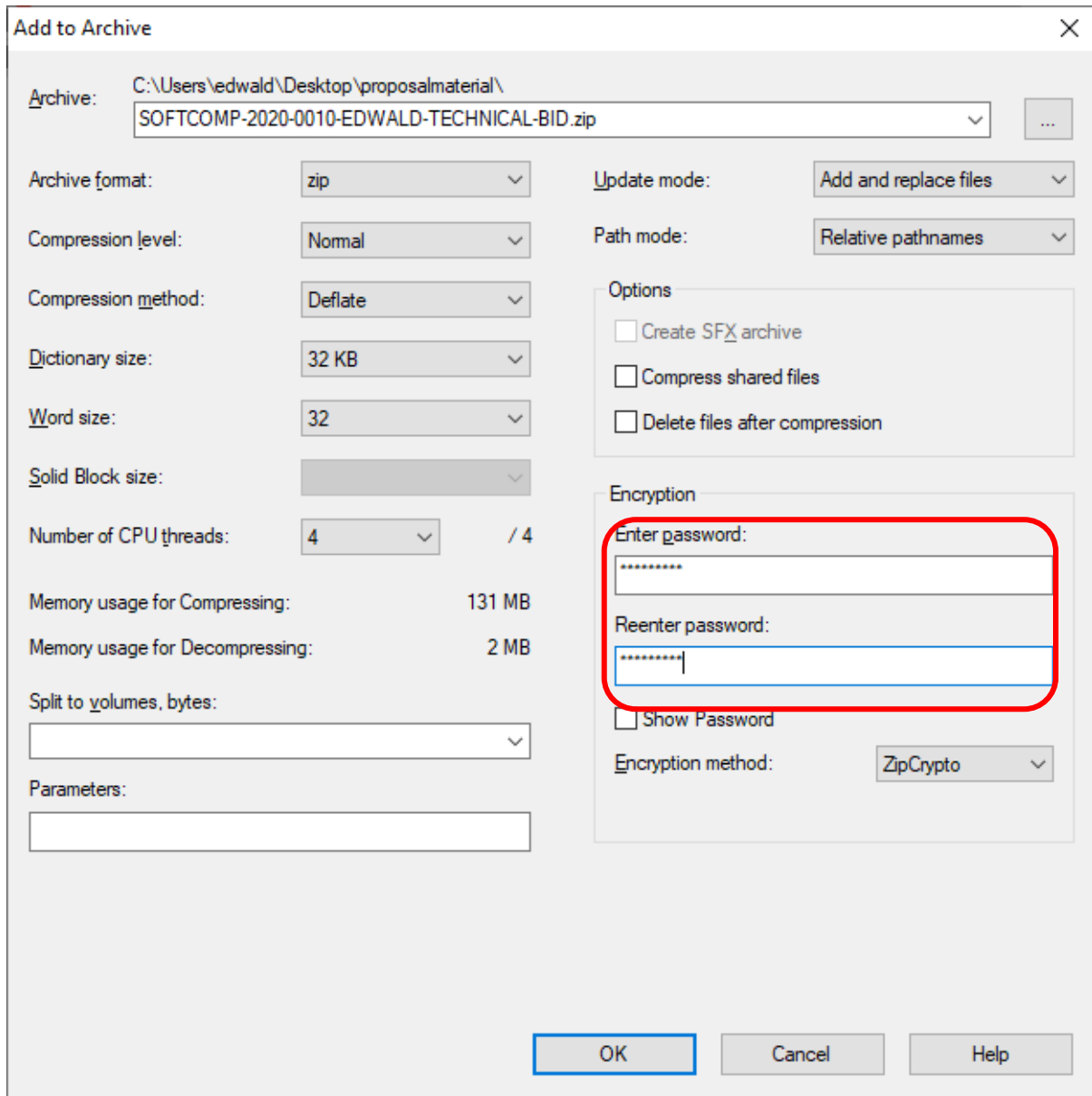


Figure 2 Creating an Archive

Now, we seek the “SHA1 Hash”, and electronic fingerprint of the archive you have just created. The hash is a string calculated from your file(s) and can be used to guarantee that the file has not been modified since you created it. Any change to the file will result in a different hash value.

There are many ways of calculating this; two common options are described below.

If the appropriate functionality is available in your Windows environment: Select the compressed archive in the Windows file manager, (eg. SOFTCOMP-2020-0010-EDWALD-TECHNICAL-BID.zip) and right click. One of the options to select is “CRC SHA >”. Hovering over the “>” brings a few more options to light, select the **SHA-1** option. A smaller dialog pops up: (see Figure 3, SHA1 below).

Clicking Ctrl-C grabs the contents of this box. You can close the box after copying the contents. (You can paste the contents into a mail message, for instance.)

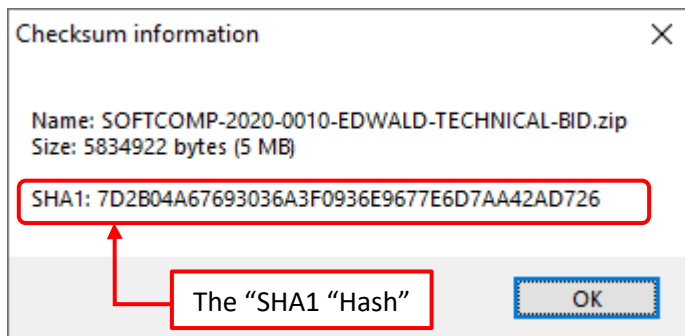


Figure 3 SHA1

If this CRC SHA function is not available by 'right-click' on your Windows version, you can also do this from 'the command line', a slightly more complicated way. Open a CMD window (see sidebar below), move to the folder where your archive is, and execute the command: `"certutil -hashfile SOFTCOMP-2020-0010-EDWALD-TECHNICAL-BID.zip sha1"` where you obviously replace the name of the file with your real file name. The output of this command is the SHA1 "hash". You can copy-and-paste the string for use in the email (below).

Sidebar: How to open a CMD window in Windows:

The way to open a Command window (or 'terminal') depends on the version of Windows you have. The different methods are very clearly described in the following article, but a quick internet search will find multiple descriptions.

<https://www.lifewire.com/how-to-open-command-prompt-2618089>

Finally,

1. Create a new email, Subject: example- "SOFTCOMP-2020-0010-EDWALD". Add the two compressed archives, that is, the Technical Offer and the Financial Offer archives as attachments. The text of the email should contain the SHA1 information for both archives. **SEND THIS TO:** sealed_bids@ctbto.org (note that there is an underscore "_" between "sealed" and "bids"). (Should the email become larger than your mail system allows, you can try sending the two archives in separate emails. Take care to include the right SHA1 information with each file.)
2. Create a new email, Subject: example- "SOFTCOMP-2020-2010-EDWALD-Technical Offer" the contents of which must contain the Encryption Key for the Technical Offer (the password

you used when creating the Technical Offer). (Again, note the underscore between 'bid' and 'keys'.)

SEND THIS TO: bid_keys@ctbto.org

IMPORTANT NOTE: As stated above, only send the Encryption Key for the Technical Offer to the bid_keys@ctbto.org mailbox when sending your Technical and Financial Offer to the sealed_bids@ctbto.org mailbox. You shall only send the Encryption Key for the Financial Offer to the Commission if and when informed by the Commission that your Technical Offer had been evaluated as "technically acceptable".

The Financial Offer Encryption Key will need to be provided by you to the same e-mail (bid_keys@ctbto.org) within 48 hours of the Commission's request, clearly marked in Subject: Encryption Key for (example): "SOFTCOMP 2020-2010 EDWALD-Financial Offer". If your Offer is not considered "technically acceptable", the Commission will not request an Encryption Key for your Financial Offer, and it will remain unopened.

As mentioned above, should you have questions or difficulties, please send an e-mail to procurement@ctbto.org.

We recommend that you leave yourself plenty of time to complete the above process (including getting any necessary assistance from the Commission), as late offers will not be accepted.

VENDOR PROFILE FORM (VPF) – FOR PRODUCTS/SERVICES/WORK

1. Name of Company:		
2. Street Address:	3. Telephone:	
P.O. Box: City:	4. E-Mail:	
Zip Code: Country:	5. Website:	
6. Contact Person:		Title:
7. Legal Status (e.g. Partnership, Private Limited Company, Government Institution)		
8. Year Established:	9. Number of Employees:	
10. Gross Corporate Annual Turnover (US\$m)*:	11. Annual Export Turnover (US\$m)*:	
12. Type of Business/Products: Manufacturer <input type="checkbox"/> Sole Agent <input type="checkbox"/> Supplier <input type="checkbox"/> Other <input type="checkbox"/> (please explain)		
13. Type of Business/Services/Work: Engineering <input type="checkbox"/> Civil Work <input type="checkbox"/> Governmental Institution <input type="checkbox"/> Other <input type="checkbox"/> (please explain)		
14. References (your main customers, country, year and technical field of products, services or work): **		
15. Previous Supply Contracts with United Nations Organizations (over the last 3 years)**		
Organization:	Value in US\$ Equivalent:	Year:
Organization:	Value in US\$ Equivalent:	Year:
16. Summary of any changes in your company's ownership during the last 5 years:		

* Please provide a copy of the most recent audited annual report and accounts. Note: Export includes services or work performed abroad or for foreign clients.

** Please provide supplementary documentation on these items.

17. List of Products/Services/Work offered:

Product/Service/Work #	Product/Service/Work Description

18. This section shall be **signed and stamped** by an official legally authorized to enter into contracts on behalf of your organization:

Name: _____ Title: _____ Signature: _____ Date: _____

Bank Details

Bank Name:

Bank Address:

Exact Account Holder Name:

Beneficiary Details

Beneficiary Name:
(exactly as stated on bank statements)

IBAN:
(if applicable)

Account number:

SWIFT/BIC:

ABA/Sort Code:

Additional Details (if applicable)

Correspondent bank:

Correspondent account number:

Correspondent SWIFT/BIC:

Tax Identification Number:

FOR CTBTO USE ONLY

Evaluated By: _____ Initials _____ Date: _____

Updated By: _____ Initials _____ Date: _____

Remarks:

* Please provide a copy of the most recent audited annual report and accounts. Note: Export includes services or work performed abroad or for foreign clients.
 ** Please provide supplementary documentation on these items.

STATEMENT OF CONFIRMATION

On behalf of (name of firm or organization): _____, I hereby attest and confirm that:

- a) The firm/organization possesses the legal status and capacity to enter into legally binding contracts with the Commission for the supply of equipment, supplies, services or work.
- b) The firm/organization is not insolvent, in receivership, bankrupt or being wound up, and not under administration by a court or a judicial officer, and that it is not subject to the suspension of its business or legal proceedings for any of the foregoing reasons.
- c) The firm/organization has fulfilled all its obligations to pay taxes and social security contributions.
- d) The firm/organization has not, and that its directors and officers have not, within the last five years been convicted of any criminal offense related to professional conduct or the making of false statements or misrepresentations as to their capacity or qualifications to enter into a procurement or supply contract.
- e) The Commission, in the event that any of the foregoing should occur at a later time, will be duly informed thereof, and in any event, will have the right to disqualify the firm/organization from any further participation in procurement proceedings.
- f) The firm/organization did not/will not attempt to influence any other bidder, organization, partnership or corporation to either submit or not submit a proposal/bid/quotation.
- g) The firm/organization will not, in the absence of a written approval from the Commission, permit a person to contribute to, or participate in, any process relating to the preparation of a Quotation/Bid/ Proposal or the procurement process if the person:
 - a. at any time during the 12 months immediately preceding the date of issue of the Solicitation was an official, agent, servant or employee of, or otherwise engaged by the Commission;
 - b. at any time during the 24 months immediately preceding the date of issue of the Solicitation was an employee of the Commission personally engaged, directly or indirectly, in the definition of the requirements, project or activity to which the Solicitation relates.
- h) Neither the organization/firm, its parent entities (if any), nor any of its subsidiary or affiliated entities (if any) have been identified on, or associated with any individual, groups, undertakings and entities identified on, the list established pursuant to the UN Security Council Resolution 1267 (Consolidated Sanctions List).¹
- i) Neither the organization/firm, its parent entities (if any), nor any of its subsidiary or affiliated entities (if any) are subject to any form of sanction imposed by an organization or body within the United Nations System, including the World Bank.

¹ The Consolidated United Nations Security Council Sanctions List can be found on the following website:
<https://www.un.org/securitycouncil/content/un-sc-consolidated-list>

- j) Neither the organization/firm, its parent entities (if any), nor any of its subsidiary or affiliated entities (if any), is engaged in any practice inconsistent with the rights set forth in the Convention on the Rights of the Child, including Article 32 thereof, which, inter alia, requires that a child shall be protected from performing any work that is likely to be hazardous or to interfere with the child's education, or to be harmful to the child's health or physical, mental, spiritual, moral, or social development.
- k) Neither the organization/firm, its parent entities (if any), nor any of its subsidiary or affiliated entities (if any) will use the funds received under contracts/purchase orders with the Commission to provide support to individuals, groups, undertakings or entities associated with terrorism.
- l) The prices in the firm/organization's proposal/bid/quotation have been arrived at independently, without consultation, communication or agreement with any other interested companies, competitor or potential competitor with a view to restricting competition.
- m) The Commission shall have the right to disqualify the firm/organization from participation in any further procurement proceedings, if it offers, gives or agrees to give, directly or indirectly, to any current or former staff member of the Commission a gratuity in any form, an offer of employment or any other thing of service or value, as an inducement with respect to an act or a decision of, or a procedure followed by, the Commission in connection with a procurement proceeding.
- n) The Commission shall have the right to disqualify the firm/organization from participation in any further procurement proceedings if it does not disclose to the Commission any situation that may appear as a conflict of interest, and if it does not disclose to the Commission if any official or professional under contract with the Commission have an interest of any kind in the firm/organization's business or any kind of economic ties with the firm/organization.
- o) The firm/organization expressly agrees to abide by the United Nations Supplier Code of Conduct.¹

Name (print): _____

Signature: _____

Title/Position: _____

Place (City and Country): _____

Date: _____

¹ <https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct>

MODEL CONTRACT

between

THE PREPARATORY COMMISSION

FOR THE COMPREHENSIVE NUCLEAR-TEST-BAN TREATY

ORGANIZATION

and

NAME OF CONTRACTOR

for

**SUPPLY AND DELIVERY OF UNINTERRUPTABLE POWER SUPPLIES,
SURGE PROTECTION DEVICES, DIGITAL VOLTAGE STABILIZERS,
AND ACCESSORIES TO
INTERNATIONAL MONITORING SYSTEM STATIONS AND
OTHER LOCATIONS ON A CALL-OFF BASIS**

This Contract comprises this cover page, a table of contents,
13 (thirteen) pages of text, a signatories page, a List of Annexes and
3 (three) Annexes (A to C)

October 2024

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CALL- OFF CONTRACT NO. XXXX

This Contract is entered into between the **PREPARATORY COMMISSION FOR THE COMPREHENSIVE NUCLEAR-TEST-BAN TREATY ORGANIZATION** (hereinafter referred to as the “Commission”), having its office located at Wagramer Strasse 5, 1400 Vienna, Austria, and [Name of Contractor] (hereinafter referred to as the “Contractor”), having its principal office located at [address] (both hereinafter individually referred to as the “Party” and collectively as the “Parties”).

The Parties hereto mutually agree as follows:

1. DEFINITIONS

In this Contract, words and expressions shall have the same meanings as respectively assigned to them in the General Conditions of Contract and the Technical Specifications. In addition, the following words and expressions shall have the meanings hereby assigned to them:

“**Annex A**” means the Commission’s General Conditions of Contract.

“**Annex B**” means the Commission’s Technical Specifications.

“**Annex C**” means the Contractor’s Proposal.

“**Contract**” means this document, its Annexes, FRD and any further modifications or such further documents as may be expressly incorporated in this Contract by the Parties in accordance with Clause 22 (Contract Amendment) below.

“**Contractor**” means the legal entity named in the preamble of this Contract or its successors. The Contractor shall be the only interface for all matters pertaining to execution of the Work under this Contract.

“**FRD**” means a Formal Request for Delivery to be issued by the Commission specifying goods and/or services to be provided by the Contractor upon request by the Commission in accordance with the provisions of the Contract and Annexes B and C.

“**Goods**” means the equipment items to be supplied and delivered by the Contractor under the Contract as requested by the Commission under FRDs.

“**Party(ies)**” means the Commission and/or the Contractor, as the context requires.

“**Rule(s)**” means any regulation(s), official directive(s), ordinance(s), guideline(s), customs and practices.

“**Services**” means services provided by the Contractor under this Contract as requested by the Commission under FRDs.

“**Taxes**” shall mean all direct and indirect taxes (including value added tax, general sales tax or goods and services tax), assessments, fees, customs duties, liens and charges in as much as they are levied in conclusion or implementation of the Contract, including customs restrictions and

Model Contract - Supply and Delivery of Uninterruptable Power Supplies, Surge Protection Devices, Digital Voltage Stabilizers and Accessories to International Monitoring System Stations and Other Locations on a Call-off Basis

charges of similar nature in respect of articles imported or exported for the Commission's official use.

“Work” means all the Goods and/or Services to be provided by the Contractor, including its affiliates and/or subcontractors, in order to fulfil all its obligations under the Contract, and the remedying of any defects therein.

2. AIM OF THE CONTRACT

The aim of this Contract is to provide Supply of Uninterruptable Power Supplies, Voltage Stabilizers, and Accessories to International Monitoring System Stations and Other Locations on a call-off basis, as and when required by the Commission.

3. ENTRY INTO FORCE AND DURATION OF THE CONTRACT

3.1 The Contract shall enter into force upon the date of the last signature by the authorized representatives of the Parties and shall be valid for 3 (three) years thereafter and until the Parties fulfill all their obligations hereunder.

3.2 The Commission has the option, but not the obligation, to extend the Contract for a duration of 2 (two) years under the same terms and conditions as those of this Contract. The optional extension will be implemented through a written notification to the Contractor by the Commission.

4. RESPONSIBILITIES OF THE CONTRACTOR

4.1 The Contractor shall supply the Goods and provide the Services as specified in Annexes B and C.

4.2 The Contractor shall provide qualified English-speaking personnel as necessary to perform the Work under this Contract. The key persons shall be available for possible tasks related to the Work throughout the duration of the Contract period. Any replacement of the key personnel shall be made in accordance with Clause 7 of Annex A.

5. FORMAL REQUESTS FOR DELIVERY

5.1 General provisions

(a) During the Contract duration the Commission will issue individual FRDs based on the firm fixed unit prices of the Goods and/or fixed unit rates for the Services reflected in Annex C, as well as estimated shipping and travel costs.

(b) Each FRD shall be valid until its successful completion by the Contractor and acceptance by the Commission of the Work performed.

(c) The FRD shall specify, as applicable, the required Work, Goods to be supplied and/or Services to be delivered, details of the consignee (name, address and contact information), ship-to address, shipping instructions, required delivery date and place, notification party(ies) and any other relevant information.

- (d) The Commission may revise the FRD as and when it may deem necessary.
- (e) The Commission makes no commitment under the Contract to call-off any specific quantities of Goods and/or Services specified in Annex B.
- (f) The Commission may, from time-to-time, need to purchase accessories or essential items that do not form part of the list of equipment in Annex C to the Contract. To this end, the Commission may request from the Contractor a quote for an item or items that are not contained in Annex C. The Contractor shall provide this information within seven (7) days of the Commission's request.
- (g) The Commission may issue FRDs in accordance with this Clause 5, which may include the item or items in question. Such items, which may be purchased through FRDs and which do not form part of Annex C, shall henceforth be incorporated by reference into the list of prices in Annex C (hereinafter referred to as the "List of Prices"). The prices for such above mentioned items shall be firm and fixed from the date of issuance of the relevant FRD including such item(s) and henceforth remain valid in accordance with Clause 12 below and Annex C, until the expiry of the Contract.
- (h) The Contractor shall, on a yearly basis, prepare a list of items "incorporated by reference" through FRDs and submit it to the Commission for its own records.

In the event of any inconsistencies between the List of Prices and the FRD issued, the relevant FRD shall prevail.

(i) Per Diem Charges

Per diem charges, which cover lodging, meals and incidental travel expenses, shall be based on the United Nations Daily Subsistence Allowance (UN DSA) rates, unless otherwise specified by the Commission. The Commission may provide a copy of the current UN DSA rates with each request for an estimate and prior to issuing the FRD.

(j) Estimates

(i) For all other required items not addressed above, the Commission shall request the Contractor, prior to the Commission's issuance of an FRD, to provide estimated costs for shipping, airfare, local transportation and/or any other applicable items. The Contractor shall provide such estimates within 1 (one) week from the request. The Commission, at its own discretion, will approve the inclusion of relevant items quoted by the Contractor in accordance with the specific requirements of the FRD.

(ii) Without prejudice to Clauses 23 and 24 of Annex A, if the Commission is not in agreement with the estimates provided, there will be a maximum period of negotiation of 1 (one) month.

(iii) For any of the above-mentioned estimated costs included in a FRD, at the time of payment the Contractor shall submit to the Commission supporting documentation of costs actually incurred, such as copies of air ticket, invoices, insurance policies and shipping documents, as appropriate, and the Commission will pay such costs based on the actual costs documented and up to an amount not exceeding the estimate by more than 10%.

5.2 Delivery Terms

5.2.1. Unless otherwise instructed in the FRD or authorized by the Commission in writing, the following shall apply in respect to the delivery of the Goods under the Contract:

- (a) The Contractor represents that it shall arrange for the most cost effective means for the delivery of the Goods to the specified destinations.
- (b) Depending on the destination, the trade and shipping terms applicable under the Contract shall be door-to-door “**DAP** (delivered at place)” or “**DDP** (delivered duty paid)”, based on the INCOTERMS (International Commercial Terms) 2020.
- (c) The Contractor shall be responsible for all shipping arrangements, including customs clearance and local transportation of the Goods to the final delivery address as specified in the FRD.
- (d) As soon as possible prior to effecting the shipment, the Contractor shall send to the Commission and the consignee a detailed delivery schedule and the shipping documentation, such as flight number and date, airway bill and consignment details (content, weight and dimension of the package). The FRD may require that actual shipment is effected only after an authorization from the consignee is obtained.

5.2.2. Delivery shall always be made in full in accordance with each FRD. Partial delivery (i.e. delivery not completed per each FRD) is not acceptable without prior written consent by the Commission.

5.3 Delivery via the United Nations Development Program

The Commission may request that the Contractor arranges the delivery of the Goods through the United Nations Development Programme (UNDP) offices in order to utilize the Commission’s agreement with UNDP which waives the payment of import taxes into specific countries. This information will be supplied to the Contractor in the FRD. In this case, the Goods may first be delivered to the UNDP office and then re-routed to the Consignee. The Contractor shall be responsible for all delivery arrangements, as instructed by the Commission.

5.4 Required Delivery Date

The Goods shall be received by the consignee within the required date specified in the FRD, or within a longer period, if so agreed by the Commission.

5.5 Title and Risk

Unless stipulated otherwise, title to any Goods supplied by the Contractor or provided by the Commission shall be transferred to the consignee upon the delivery of the Goods to the final destination. A note of acceptance of the Goods shall be obtained by the Contractor from the consignee.

6. STANDARD OF WORK

The Contractor shall perform the Work in a workmanlike manner in conformity with standard professional practices, using qualified personnel and in strict accordance with the Contract. The Contractor shall furnish the highest skill and judgement and cooperate with the Commission, including all the Commission's consultants and agents, in best furthering the interests of the Commission and the aim of this Contract. The Contractor shall provide efficient business administration and supervision, and it shall perform the Work in the best way and in the most expeditious and economical manner consistent with the requirements of the Contract.

7. INSURANCE

7.1 The Contractor shall provide appropriate insurance, as specified in Clause 9 of Annex A.

7.2 In addition, the Contractor shall, without limiting its own or the Commission's obligations and responsibilities under this Contract, provide and thereafter maintain insurance with respect of the Goods from the date of their receipt by the Contractor from the manufacturer until receipt by the delivery party at the final destination. For this purpose, Global insurance shall be arranged with a single insurance company on an as-arranged basis at the same rate of insurance premium for the execution of each FRD. It shall be in an adequate amount to cover the full replacement cost plus an additional sum of ten percent (10%) of such replacement cost to cover any additional cost of, and incidental to, the rectification of loss or damage, including professional fees; the insurance shall cover the Contractor against all losses or damages from whatsoever cause arising from the execution of this Contract, from its signature until its successful completion. The insurance referred to in this Clause shall be in the name of the Contractor and the Commission shall be named as an additional insured party.

8. WARRANTY

The provisions of Clause 28 of Annex A shall apply to the Goods and Services performed by the Contractor.

9. PERMITS, NOTICES, LAWS AND ORDINANCES

9.1 The Contractor shall obtain and pay for all permits and inspections necessary for the proper execution and completion of the Work that are customarily obtained upon execution of this Contract and that are legally required at the time the Proposal is received by the Commission. This shall include, but not be limited to, work permits, visa, or similar documents.

9.2 The Contractor shall give all notices required by the nature of the Work.

9.3 If the Contractor notices that the Work or any part thereof required under this Contract is not in accordance with applicable laws and Rules, or with technical or safety standards, it shall promptly notify the Commission thereof in writing.

10. PROTECTION OF PERSONS AND PROPERTY

- 10.1** The Contractor shall be responsible for initiating, maintaining and supervising all safety precautions and programmes in connection with the Work.
- 10.2** The Contractor shall take all reasonable precautions for the safety of, and shall provide all reasonable protection to prevent damage, injury and loss to:
- (i) all persons on the Commission's or the Station's premises, as applicable, who may be affected thereby;
 - (ii) property of the Commission or the Station, as applicable.
- 10.3** The Contractor shall give all notices and comply with all applicable laws and Rules bearing on the safety of persons and property and/or their protection from damage, injury and loss.
- 10.4** The Contractor shall erect and maintain, as required by existing conditions and progress of the Work, all reasonable safeguards for the safety and protection of persons and property, including posting danger signs and other warnings against hazards and promulgating safety regulations.
- 10.5** When the use or storage of combustible, explosive or other hazardous materials is necessary for the execution of the Work, the Contractor shall exercise the utmost care and shall carry on such activities under the supervision of properly qualified personnel.
- 10.6** The Contractor shall be responsible for the prevention of accidents on the Commission's or the Station's premises, as applicable, during the execution of the Work.
- 10.7** In any emergency affecting the safety of persons or property, the Contractor shall promptly act to prevent threatened damage, injury and loss.
- 10.8** The Contractor shall promptly remedy all damage and loss to any property, referred to in Clause 10.2 above, caused in whole or in part by the Contractor, any subcontractor, or anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable and for which the Contractor is responsible under Clause 10.2 above, except damage and loss attributable to the acts or omissions of the Commission or anyone directly or indirectly employed by it, or of anyone for whose acts the Commission may be liable, and not attributable to the fault or negligence of the Contractor. The foregoing obligations of the Contractor are in addition to its obligations under Clause 9 of Annex A.

11. RESPONSIBILITIES OF THE COMMISSION

The Commission shall designate members of its staff to act as points of contact for the Contractor to ensure that the Work is carried out in accordance with Annexes B and C and shall promptly notify the Contractor thereof. The Commission shall respond promptly to requests for information by the Contractor regarding the Work.

12. PRICES

- 12.1** The firm fixed unit prices of the Goods and/or fixed unit rates for the Services in Annex C and approved in a FRD (for items added by reference in accordance with Clause 5.1 above) (hereinafter referred to as the “Prices”) shall be firm and fixed and held unchanged for the period indicated in Clause 3 above and shall exclude any applicable Taxes, fees, duties and charges owed by the Contractor in respect to the Goods and/ or Services at the conclusion or implementation of this Contract.
- 12.2** The Prices shall cover all costs and expenses, excluding Taxes, incurred by the Contractor for the full and proper performance of all obligations under the Contract (including travel, allowances, management and remuneration of the personnel, national income tax, medical insurance, and social security contributions). It also includes work performed by the Contractor’s personnel outside the Commission’s normal working hours.
- 12.3** The Contractor shall not do any work, provide any materials or equipment, or perform any Services, which may result in any charges to the Commission over and above the issued FRD without the prior written consent of the Commission and a formal written amendment to this FRD.
- 12.4** The Contractor shall be reimbursed by the Commission for such Taxes on the basis of actual amounts paid and duly documented by the Contractor as per Clause 13.2 (d) below.

OR

No Taxes are applicable under this Contract.

13. PAYMENT TERMS

- 13.1** For each FRD the Commission shall pay to the Contractor, in consideration of the full and proper performance of its obligations under the Contract, the relevant Prices, DSA, plus the actual costs, not to exceed the Estimates with more than 10% under each issued FRD, unless specified otherwise by the Commission. Upon satisfactory completion of each FRD the Contractor shall submit the following supporting documentation to the Commission for payment:
- (a) Original invoice submitted in accordance with Clause 13.2(a) below reflecting the actual costs;
 - (b) Delivery note countersigned by the consignee listing the Goods delivered and confirming their receipt and acceptance;
 - (c) Copy of the airway bill or bill of lading showing the date of the flight or shipment, if applicable;
 - (d) Copy of the carrier’s invoice supporting the actual shipping costs on the Contractor’s invoice;
 - (e) Copy of the certificate of transportation insurance;

- (f) Certificate of origin, if applicable;
- (g) Documentation referred to in Clause 13.2 (d) below supporting any Taxes paid; and
- (h) Any other documentation that might be required under the applicable FRD.

13.2 General Payment Provisions

- (a) The Commission shall make the payments to the Contractor on the basis of an invoice submitted by the Contractor. All payments shall be made within 30 (thirty) days of the receipt and acceptance of the original invoice, provided that the Work has been satisfactorily completed and has been accepted by the Commission.
- (b) The making of any payment hereunder by the Commission shall not be construed as an unconditional acceptance by the Commission of the Work accomplished by the Contractor up to the time of such payment.
- (c) The Contractor shall submit an invoice electronically, from the Contractor's official e-mail address in PDF format, duly signed and sealed by the Contractor and submitted to the Commission's email address specified under Clause 23 below. Each invoice shall contain the Contract number (CTBTO and SAP numbers), detailed banking instructions, including the name and address of the Contractor's bank, account number, account holder's name and SWIFT, IBAN and/or ABA codes for payment by electronic transfer.
- (d) Applicable Taxes payable by the Contractor and/or its subcontractor(s) in respect of the Work shall be invoiced separately or be separately identified on the invoice. Actual payment of the Taxes must primarily be supported by original documentation such as invoices, bank account statements, transfer orders, or receipts issued by the local tax or customs authorities. If submission of such original documentation is not possible for justifiable reasons, their copies could be accepted by the Commission provided that they are duly signed and certified by local tax or customs authorities. In case the currency in which the Taxes are levied is not the currency of the Contract, bank statements (or equivalent) showing the exchange rate used for the conversion should be submitted to the Commission, in addition to any other supporting documentation.

14. MARKET FLUCTUATION

14.1 The unit prices of the Goods and unit rates for the Services shall be held fixed for the entire duration of the Contract. If the prices increase for reasons not under the control of the Contractor (e.g. Goods supplied by a third party), or the Goods become unavailable, the Contractor shall propose to the Commission, for its approval, a replacement item with equivalent specifications to honor the firm fixed unit price. In the event that an equivalent Good at the fixed unit price cannot be identified, the Contractor shall notify the Commission as soon as possible.

14.2 If the market price of the Goods decreases, the Contractor shall enable the Commission to enjoy the benefit, either by proposing a more efficient replacement item or a lower unit price in accordance with the market price for the Commission's approval. If, however, the

market price increases, the agreed firm fixed unit price shall be maintained with the agreed configuration/specifications.

15 TEMPORARY SUSPENSION OF WORK

The Commission may, at any time, temporarily suspend the Work, in whole or in part, being performed by the Contractor under this Contract by giving 30 (thirty) days' advance notice in writing to the Contractor. The Work so suspended shall be resumed by the Contractor on the basis of a revised time schedule and on terms and conditions to be mutually agreed upon between the Parties.

16. DELAYS AND EXTENSION OF TIME

16.1 If the Contractor is delayed at any time in the progress of the Work by any act or omission of the Commission or by any of its employees, or by any other contractor employed by the Commission, or by changes in the Work ordered by the Commission, or by any causes beyond the Contractor's reasonable control, or by any other cause which the Commission determines may justify the delay, then the time for completion of the Work shall be extended by an amendment to this Contract in accordance with Clause 22 below for such reasonable time as the Commission may determine.

16.2 Any request for extension of the time for reasons referred to in Clause 16.1 above shall be submitted to the Commission not later than 20 (twenty) days after the commencement of the delay, otherwise said request shall be deemed to be waived. Such request shall state grounds for the delay and shall provide an estimate of the probable effect of such delay on the progress of the Work.

17. CONTRACTOR'S CLAIMS AND REMEDIES

In no event shall the Contractor make any claim against the Commission for or be entitled to additional costs or compensation resulting from any delays in the progress or completion of the Work or any portion thereof, whether caused by the acts or omissions of the Commission, including, but not limited to, damages related to overheads, loss of productivity, acceleration due to delay and inefficiency. The Contractor's sole remedy in such event shall be an extension of time for completion of the Work, provided the Contractor otherwise meets the requirements and conditions set forth in this Contract.

18. ENTIRE AGREEMENT

This Contract represents the final agreement in respect of the Goods and/or Services and shall supersede all prior agreements and representations between the Parties in this respect. Annexes A to C shall constitute integral parts of this Contract and shall be of full force and effect.

19. DISCREPANCIES

If there are discrepancies or conflicts between any of the documents that are part of this Contract, the document to prevail shall be given precedence in the following order:

- (i) this document;

- (ii) the Commission's General Conditions of Contract (Annex A);
- (iii) the Commission's Technical Specifications (Annex B);
- (iv) the Contractor's Proposal (Annex C);
- (v) the relevant FRD.

20. SEVERABILITY

If any term and/or provision of this Contract is or becomes invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions of this Contract shall not in any way be affected or impaired thereby.

21. NO WAIVER

Failure by a Party to enforce a right shall not be deemed to be a waiver of that right unless otherwise expressly provided in this Contract.

22. CONTRACT AMENDMENT

No modification of, or change in, this Contract, or waiver of any of its provisions, or additional contractual relationship with the Contractor shall be valid unless approved in the form of a written amendment to this Contract, signed by duly authorized Representatives of the Parties.

23. TRANSMISSION OF NOTICES AND OTHER DOCUMENTS

Notices, invoices, reports and other documentation under the Contract shall be delivered or sent to the relevant Party at the following address (or such address or email address as the Party may substitute by notice after the date of the Contract):

- (a) The Commission:

For Contractual Issues:

Chief, Procurement Section

Preparatory Commission for the Comprehensive Nuclear-Test-Ban Treaty Organization (CTBTO)

Vienna International Centre

Wagramerstrasse 5, P.O. Box 1200

1400 Vienna, Austria

Tel: + (43 1) 26030 6350

E-mail: procurement@ctbto.org

For invoices:

Accounts Payable

CTBTO Financial Services Section

Vienna International Centre

Wagramerstrasse 5, P.O. Box 1200

1400 Vienna, Austria

Tel: + (43 1) 26030 6292

E-Mail: Payable_Invoices@ctbto.org

For related enquiries:

Model Contract - Supply and Delivery of Uninterruptable Power Supplies, Surge Protection Devices, Digital Voltage Stabilizers and Accessories to International Monitoring System Stations and Other Locations on a Call-off Basis

Payments@ctbto.org

(b) The Contractor:

Name:

Address:

Tel:

Email:

24. EFFECTIVENESS

24.1 Except as provided below, any communication in connection with the Contract will be deemed to be given as follows:

- (i) if delivered in person, at the time of delivery;
- (ii) if by registered mail or courier, when received;
- (iii) if by electronic communication, when retrievable by the Commission in document form.

24.2 A communication given under Clause 24.1 above that is received or becomes retrievable on a non-working day or after business hours at the seat of the Commission will only be deemed to be given on the next working day of the Commission.

IN WITNESS hereof, the duly authorized representatives of the Parties have executed this Contract in Vienna, Austria:

For and on behalf of the **PREPARATORY COMMISSION FOR THE COMPREHENSIVE NUCLEAR-TEST-BAN TREATY ORGANIZATION:**

[Name, Position/Title]

Date: _____

Place: Vienna, Austria

For and on behalf of **[CONTRACTOR]:**

[Name, Position/Title]

Date: _____

Place: _____

LIST OF ANNEXES

ANNEX A: THE COMMISSION'S GENERAL CONDITIONS OF CONTRACT

ANNEX B: THE COMMISSION'S TECHNICAL SPECIFICATIONS

ANNEX C: THE CONTRACTOR'S PROPOSAL

Annex B

TECHNICAL SPECIFICATIONS

SUPPLY AND DELIVERY OF UNINTERRUPTABLE POWER SUPPLIES, SURGE PROTECTION DEVICES, DIGITAL VOLTAGE STABILIZERS, AND ACCESSORIES TO INTERNATIONAL MONITORING SYSTEM STATIONS AND OTHER LOCATIONS ON A CALL-OFF BASIS

1. INTRODUCTION

The Preparatory Commission for the Comprehensive Nuclear-Test-Ban Treaty Organization (hereinafter referred to as “the Commission”) operates an International Monitoring System (IMS) as part of the global verification regime foreseen under the Comprehensive Nuclear-Test-Ban Treaty to provide global monitoring for the detection of nuclear explosions.

The IMS consists of a worldwide network of 321 seismic, hydroacoustic, infrasound and radionuclide monitoring stations operating in 89 countries (Appendix A). The IMS stations transmit data using a closed and secure satellite communications network via the Global Communications Infrastructure (GCI) to the International Data Centre (IDC) in Vienna.

The IMS network is required to be in continuous operation with high data availability requirements. Therefore, a reliable power supply is vital for the operation of the System.

The Commission anticipates the procurement of Uninterruptable Power Supply (UPS) units, replacement batteries, surge protection devices (SPD) and Digital Voltage Stabilizers for the stations of the IMS network and other locations over a period of three (3) years with a possibility of extension for an additional two (2) years.

The Commission makes no firm commitment to purchase any specific quantity or make purchases at any specific time during the Contract period. However, the Contractor must be able to supply the goods as and when requested by the Commission based on the unit prices quoted in the Contractor’s Proposal. An indicative demand, for planning purposes only is stated in Section 2.

2. STATEMENT OF WORK

The Commission intends to establish a Contract(s) for the supply and delivery of UPS units, surge protection devices, Digital Voltage Stabilizers and replacement batteries for them as defined in these Technical Specifications. The Commission will order equipment on a ‘call-off’ basis: when the Commission requires equipment or related services, it will issue a Formal Request for Delivery (FRD) under this Contract.

The Commission anticipates that orders for an **average quantity of 20 UPS and 30 battery packs will be placed each year** within the framework of this Contract(s). The batteries for the UPS units will be replaced after four (4) years of operation depending on operational conditions. However, the Commission makes no firm commitment to purchase any specific quantity or make purchases at any specific time during the Contract period.

The UPS units, surge protection devices, Digital Voltage Stabilizers and services shall be delivered directly to the IMS stations or other locations. The Contractor should make use of local distribution networks of the equipment manufacturer when possible. Additionally, the Commission may choose at any time under this Contract to purchase additional spare components. 0

3. LOTS

The procurement is subsequently divided into two (2) lots:

- Lot 1: Supply and Delivery of UPS, surge protection devices and replacement batteries as described in Sections 4.1, 4.2, 4.3 and 4.4.

For purposes of this procurement, “UPS” refers to the backup power unit and its functions include the protection of the connected IMS equipment by providing stable power when the utility power is experiencing:

- transients (<1 cycle),
- short-duration variations (<1 min, sags, swells, interruptions),
- long-duration variations (>1 min, undervoltage, overvoltage),
- waveform distortion (harmonics, notching, noise), and
- voltage fluctuations and power frequency variations

And “Battery” refers to the High-rate, non-spillable, sealed batteries specifically designed or compatible for each brand and model of the UPS unit.

The Contractor shall offer and supply UPS units, battery packs and replacement batteries and related equipment, which meet all requirements of the Contract.

- Lot 2: Supply and Delivery of Digital Voltage Stabilizers in accordance with Section 4.5.

The Contractor shall offer and supply Digital Voltage Stabilizers and related equipment, which meet all requirements of the Contract.

4. TECHNICAL SPECIFICATION

The following technical specifications represent current needs and standard station requirements. As models become obsolete, market changes or specific station needs are identified, additional models may also be requested.

The Contractor shall be prepared to provide equipment parts upon request.

4.1. LOT 1 - Uninterruptable Power Supplies (UPS)

Type	True-On-line/double conversion, single phase
Mounting	Tower and rack mountable must be quoted
Nominal Input Voltage	100-120 V and 220-240 V models must be quoted
Input Frequency	50/60 Hz Autosensing
Humidity range	0-95% relative humidity
Input Voltage range	+20%-30% of nominal
Nominal Output Voltage	100-120 V or 220-240 V
Output Voltage Range	-10% +6 % of nominal output voltage
Output waveform type	Sine wave
Volt-Amp Rating	1000 to 1500 VA 2200VA 3000VA 8000VA
Models (or equivalent)	Smart UPS 1000VA Rack SRT1000RMXLA 110, 208, 220V Smart UPS 1000VA Tower SRT1000XLA 110, 208, 220V Smart UPS 1500VA Rack SRT1500RMXLA 110, 208, 220V Smart UPS 1500VA Tower SRT1500XLA 110, 208, 220V Smart UPS 2200VA Rack SRT2200RMXLI 110, 208, 220V Smart UPS 2200VA Tower SRT2200XLI 110, 208, 220V Smart UPS 3000VA Rack SRT3000RMXLI 110, 208, 220V Smart UPS 3000VA Tower SRT3000XLI 110, 208, 220V Smart UPS 8000VA Rack SRT8KRMXLT 110, 208, 220V Smart UPS 8000VA Tower SRT8KXLT 110, 208, 220V
Runtime	Minimum 20 minutes at full load 2 hours at full load (optional with extra battery packs)
Communication and management	SNMP network card capability
Operating temperature	0° - 40°C

Features/Compliance	<ul style="list-style-type: none"> • Surge protection and noise filtering compliant to IEC 61643 and UL 1449 • CCC certificate mandatory for equipment delivered to China for 1700VA and 3300VA units. Desirable for all units as an option. • Software for controlling the UPS for Windows and Linux operating systems ensuring graceful shutdown and restart • Software for monitoring the UPS performance including logging of parameters and sending of alert messages via Ethernet • Audible Alarms for On Battery, Low Battery and Overload • Ability to connect environmental probes such a temperature and humidity • LCD or LED display • Self-diagnostics • Bypass Switch (optional) • Expandable battery packs (optional) • Hot Swappable Batteries (optional) • Replacement batteries for supplied UPSs in the contract
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4.2. LOT 1: Small surge protection unit / extreme voltage shutdown

Type	<ul style="list-style-type: none"> • 230Vac • 120Vac
Response time	Max. 1 nanosecond
Current Rating	<ul style="list-style-type: none"> • 16A minimum for 230Vac models • 20A minimum for 120Vac models
Power consumption	Max. 25VA/12W
Form Factor	19" rack 1U (1.75 inch)
Models	Furman PL-PO DM CE 16A-220-240V and 20A120V or equivalent

4.3. LOT 1: Surge Protection Devices

Type	Surge Protection devices for power supply systems
Nominal Input Voltage	Models for 100-120 V and 220-240 V input must be quoted
Input Frequency	50 and 60 Hz
Class	Combined arresters class I+II
Features/Compliance	<p>Application-optimized combined lightning current and surge arrester for:</p> <ul style="list-style-type: none"> - TN-C systems (DEHNshield TNC 255 or equivalent) - TN-S systems (DEHNshield TNS 255 or equivalent) - TT and TN-S systems (3+1 configuration) (DEHNshield TT 255 or equivalent) - single-phase TN systems (DEHNshield TN 255 or equivalent) - single-phase TT and TN systems (DEHNshield TT 2P 255 or equivalent)

4.4. LOT 1: Supply of parts for installed equipment

The list of installed equipment on the stations is listed in Appendix B. The Contractor shall be prepared to provide parts for this equipment upon request.

4.5. LOT 2 - Digital Voltage Stabilizer

Type	Single phase (220-240 V) and Two phases (phase-phase 200 V or 208 V) input Three phases (208V and 400V)
Input variation range	15% or 20% - configurable
Nominal Input Voltage	100-120 V, 208-240 V and 400V models must be quoted
Input Frequency	50 and 60 Hz
Nominal Output Voltage	115 V or 200 V or 208 V or 230 V or 400V
Output Voltage Range	±0.5 % of nominal output voltage
Output waveform type	Sine wave
Volt-Amp Rating	45 kVa-20 kVa, 10 kVA or 7 kVA - configurable
Operating temperature	Minimum requirements: 0° - 40°C
Models (or equivalent)	Ortea VEGA 7-20, Ortea VEGA 10-15, Ortea Orion 20-20, Ortea Orion plus 45-30, Eaton T800R-10000
Features/Compliance	<ul style="list-style-type: none">• Class I SPD surge protection• Manual Bypass Switch• Overload protection• Automatic reset to default settings after power outage• CCC certificate mandatory for equipment delivered to China

5. WARRANTY (FOR BOTH LOTS)

The Contractor shall provide a two-year warranty support for each UPS unit (excluding Batteries) and digital voltage stabilizer delivered to the IMS stations. Warranty support includes services, such as repair of faulty UPSs, replacement of irreparable UPSs and technical support via telephone, and e-mail.

6. RELIABILITY (FOR BOTH LOTS)

The Contractor shall provide the following reliability matrixes for each proposed UPS or voltage stabilizer:

- a. Mean time between failures
- b. Failure rate
- c. Expected lifetime of UPS electronics

- d. Expected lifetime of UPS batteries

7. CONTRACTOR REQUIREMENTS (FOR BOTH LOTS)

- a) The Contractor shall be established in the business of supplying goods as described in these Technical Specifications for a minimum of five years and have a proven record of related experience.
- b) The Contractor shall have experience in supplying international customers in the last few years including knowledge of proper packing, handling, transportation, and importation requirements.
- c) The Contractor shall have the capacity to deliver the goods to countries and locations listed in Appendix A. In cases where importation would be difficult, expensive or impractical, the Contractor shall seek provision of the goods locally. Therefore, the Contractor shall make use of official subsidiaries or distributors of equipment manufacturers in the regions or countries concerned covering preferably 50% or more locations listed in Appendix 0.

8. DELIVERY (FOR BOTH LOTS)

- a) Ordered equipment, related accessories and replacement batteries shall be delivered directly to the local station operators' premises of the IMS Stations listed in Appendix A0, or, if agreed by the Commission, to the Commission's premises in Vienna or Seibersdorf, Austria.
- b) With the agreement of the Contractor, ordered equipment, related accessories and batteries shall also be delivered to other locations specified by the Commission.
- c) The dispatch time should be no later than two (2) weeks after receipt of an FRD, except for unforeseeable circumstances.

8.1 Delivery Notifications

The Contractor shall send shipping information by email to the Consignee, Forwarding Agent (if applicable) and the End-User (if different from the Consignee) prior to the dispatch of goods. Notification of the shipment shall be given as soon as possible before the shipment.

When communicating with the Consignee, Forwarding Agent or End-User regarding the shipment of the equipment, the Contractor shall copy the Commission's Procurement Section (procurement@ctbto.org) and Logistics Unit (logistics@ctbto.org) and reference the Contract Number and relevant FRD number.

8.2 Customs Clearance

In cases where the Consignee, or a Forwarding Agent nominated by the Commission, is requested by the Commission to assist with customs duties and/or tax exemptions, or with customs clearance services, the following information shall be sent directly to the Consignee

or the Forwarding Agent, well in advance of the shipment date to give the Consignee or forwarding agent sufficient time to prepare the relevant exemption certificates and/or customs declaration papers:

- Pro-forma or Commercial Invoice for customs purposes;
- Detailed packing list
- Airline Number and Airway Bill Number, if applicable;
- Total boxes/cartons in the consignment;
- Gross weight of the consignment;
- Any other information and/or documentation required for tax/duties exemption by the Consignee.

The Contractor shall liaise with the Consignee or Forwarding Agent to determine how far in advance the documentation must be sent prior to dispatch of the goods.

The Contractor shall contact the Logistics Unit (logistics@ctbto.org) for information concerning whether tax/duty exemption certificates are required for an importation exempt of taxes and/or duties, or when other special circumstances apply and shall receive relevant instructions and supporting documents. The Contractor shall dispatch the goods only when authorized by the Consignee or Forwarding Agent, as applicable, unless otherwise indicated in the FRD or authorized by the Commission in writing.

The Contractor shall be responsible to carry out the customs clearance using the information provided by the Commission, and, if necessary, contact the Consignee and/or the Forwarding Agent or Commission, with any questions related to the importation of the goods.

After customs clearance, the Contractor shall deliver the goods to the delivery address specified in the FRD or notified by the Commission.

8.3 Delivery Address and Consignee

To be contained in the relevant FRD or notified by the Commission.

8.4 Special Instructions for Customs Clearance

To be contained in the relevant FRD or notified by the Commission.

8.5 Trade and Shipping Terms

The default shipping term shall be “DDP (Delivery Duty Paid; Incoterms 2020) (Destination) including unloading at destination”, unless otherwise stipulated in the respective FRD. When a complete or partial tax exemption is expected, the condition “excluding taxes and/or duties” may be added to the above shipping term as an additional precaution.

APPENDICES

A List of IMS Stations by country

Treaty Number	Station Name	Country	Treaty Number	Station Name	Country
AS001	Coronel Fontana	Argentina	RN17	St. John's N.L.	Canada
AS002	Ushuaia	Argentina	IS11	Cape Verde Islands	Cape Verde
IS01	Villa Traful	Argentina	IS12	Bangui	Central African Republic
IS02	Ushuaia	Argentina	PS11	Bangui	Central African Republic
PS01	Paso Flores	Argentina	AS018	Easter Island	Chile
RN01	Buenos Aires	Argentina	AS019	Limon Verde	Chile
RN02	Salta	Argentina	HA03	Juan Fernandez Island	Chile
RN03	Bariloche	Argentina	IS13	Easter Island	Chile
AS003	Garni	Armenia	IS14	Robinson Crusoe Island	Chile
AS004	Charters Towers, QLD	Australia	RN18	Punta Arenas	Chile
AS005	Fitzroy Crossing, WA	Australia	RN19	Hanga Roa, Easter Island	Chile
AS006	Narrogin, WA	Australia	AS020	Baijiatuan	China
HA01	Cape Leeuwin, WA	Australia	AS021	Kunming	China
IS03	Davis Base, Antarctica	Australia	AS022	Sheshan	China
IS04	Shannon	Australia	AS023	Xi'an	China
IS05	Hobart, TAS	Australia	IS15	Beijing	China
IS06	Cocos Islands	Australia	IS16	Kunming	China
IS07	Warramunga, NT	Australia	PS12	Hailar	China
PS02	Warramunga, NT	Australia	PS13	Lanzhou	China
PS03	Alice Springs	Australia	RN20	Beijing	China
PS04	Stephens Creek, NSW	Australia	RN21	Lanzhou	China
PS05	Mawson, Antarctica	Australia	RN22	Guangzhou	China
RN04	Melbourne, VIC	Australia	PS14	El Rosal	Colombia
RN05	Mawson, Antarctica	Australia	AS024	Rarotonga	Cook Islands
RN06	Townsville	Australia	RN23	Rarotonga	Cook Islands
RN07	Macquarie Island	Australia	AS025	Las Juntas de Abangares	Costa Rica
RN08	Cocos Islands	Australia	IS17	Dimbokro	Côte d'Ivoire
RN09	Darwin, NT	Australia	PS15	Dimbroko	Côte d'Ivoire
RN10	Perth, WA	Australia	AS026	Vranov	Czech Republic
AS007	Bariadhala, Chittagong	Bangladesh	AS027	Sondre Stromfjord, Greenland	Denmark
AS008	San Ignacio	Bolivia	IS18	Qaanaaq, Greenland	Denmark
IS08	La Paz	Bolivia	AS028	Arta Tunnel	Djibouti
PS06	La Paz	Bolivia	IS19	Djibouti	Djibouti
AS009	Lobatse	Botswana	IS20	Isla Santa Cruz, Galapagos Islands	Ecuador
AS010	Pitinga	Brazil	RN24	Isla Santa Cruz, Galapagos Islands	Ecuador
AS011	Riachuelo	Brazil	AS029	Kottamya	Egypt
IS09	Brasilia	Brazil	PS16	Luxor	Egypt
PS07	Brasilia	Brazil	AS030	Furi	Ethiopia
RN11	Rio de Janeiro	Brazil	RN25	Addis Ababa	Ethiopia
RN12	Recife	Brazil	AS031	Monasavu, Viti Levu	Fiji
RN13	Edea	Cameroon	RN26	Nadi	Fiji
AS012	Iqaluit, Nunavut	Canada	PS17	Lahti	Finland
AS013	Dease Lake, B.C.	Canada	AS032	Mont Dzumac	France
AS014	Sadowa, Ont.	Canada	AS033	Kourou, French Guiana	France
AS015	Bella Bella, B.C.	Canada	HA04	Crozet Islands	France
AS016	Resolute, Nunavut	Canada	HA05	Guadeloupe	France
AS017	Inuvik, N.W.T.	Canada	IS21	Marquesas Islands	France
HA02	Queen Charlotte Islands, B.C.	Canada	IS22	Port Laguerre, New Caledonia	France
IS10	Lac du Bonnet, Man.	Canada	IS23	Kerguelen	France
PS08	Lac du Bonnet, Man.	Canada	IS24	Tahiti	France
PS09	Yellowknife, N.W.T.	Canada			
PS10	Schefferville, Quebec	Canada			
RN14	Vancouver, B.C.	Canada			
RN15	Resolute, NU	Canada			
RN16	Yellowknife, N.W.T.	Canada			

Treaty Number	Station Name	Country
IS25	Kourou, French Guiana	France
PS18	Tahiti	France
RN27	Papeete, Tahiti	France
RN28	Pointe-a-Pitre, Guadeloupe	France
RN29	Reunion	France
RN30	Port-aux-Francais, Kerguelen	France
RN31	Kourou, French Guiana	France
RN32	Dumont d'Urville, Antarctica	France
AS034	Masuku	Gabon
IS26	Freyung	Germany
IS27	Georg von Neumayer, Antarctica	Germany
PS19	Freyung	Germany
RN33	Schauinsland/Freiburg	Germany
AS035	SANAE Station, Antarctica	Germany/South Africa
AS036	Anogia, Crete	Greece
AS037	El Apazote	Guatemala
AS038	Borgames	Iceland
RN34	Reykjavik	Iceland
AS040	Lembang, Jawa Barat	Indonesia
AS041	Jayapura, Irian Jaya	Indonesia
AS042	Sorong, Irian Jaya	Indonesia
AS043	Parapat, Sumatera	Indonesia
AS044	Kappang, Sulawesi Selatan	Indonesia
AS045	Baumata, Timur	Indonesia
AS046	Kerman	Iran (Islamic Republic of)
AS047	Shsuhtar	Iran (Islamic Republic of)
IS29	Tehran	Iran (Islamic Republic of)
PS21	Tehran	Iran (Islamic Republic of)
RN36	Tehran	Iran (Islamic Republic of)
AS048	Eilath	Israel
AS049	Mount Meron	Israel
AS050	Valguarnera, Sicily	Italy
AS051	Ohita, Kyushu	Japan
AS052	Kunigami, Okinawa	Japan
AS053	Hachijojima, Izu Islands	Japan
AS054	Kamikawa-asahi, Hokkaido	Japan
AS055	Chichijima, Ogasawara	Japan
IS30	Tsukuba	Japan
PS22	Matsushiro	Japan
RN37	Okinawa	Japan
RN38	Takasaki, Gunma	Japan
AS056	Ashqof	Jordan
AS057	Borovoye	Kazakhstan
AS058	Kurchatov	Kazakhstan
AS059	Aktyubinsk	Kazakhstan
IS31	Aktyubinsk	Kazakhstan
PS23	Makanchi	Kazakhstan
IS32	Nairobi	Kenya
PS24	Kilimambogo	Kenya
RN39	Kiritimati	Kiribati
RN40	Kuwait City	Kuwait
AS060	Ala-Archa	Kyrgyzstan
RN41	Misratah	Libyan Arab Jamahiriya
AS061	Ambohidratompo	Madagascar
IS33	Antananarivo	Madagascar
RN42	Tanah Rata	Malaysia

Treaty Number	Station Name	Country
AS062	Kowa	Mali
RN43	Nouakchott	Mauritania
AS063	Tepich, Yucatan	Mexico
AS064	Tuzandepeti, Veracruz	Mexico
AS065	La Paz, Baja California Sur	Mexico
HA06	Socorro Island	Mexico
RN44	Guerrero Negro, Baja California	Mexico
IS34	Songino	Mongolia
PS25	Songino	Mongolia
RN45	Ulaanbaatar	Mongolia
AS066	Midelt	Morocco
AS067	Tsumeb	Namibia
IS35	Tsumeb	Namibia
AS068	Everest	Nepal
AS069	Rata Peaks, South Island	New Zealand
AS070	Raoul Island	New Zealand
AS071	Urewera, North Island	New Zealand
IS36	Chatham Island	New Zealand
RN46	Chatham Island	New Zealand
RN47	Kaitaia	New Zealand
PS26	Torodi	Niger
RN48	Agadez	Niger
AS072	Spitsbergen	Norway
AS073	Jan Mayen	Norway
IS37	Karasjok	Norway
PS27	Hamar	Norway
PS28	Karasjok	Norway
RN49	Spitsbergen	Norway
AS074	Wadi Sarin	Oman
IS38	Rahimyar Khan	Pakistan
PS29	Pari	Pakistan
IS39	Palau	Palau
RN50	Panama City	Panama
AS075	Port Moresby	Papua New Guinea
AS076	Keravat	Papua New Guinea
IS40	Keravat	Papua New Guinea
RN51	Kavieng, New Ireland	Papua New Guinea
IS41	Villa Florida	Paraguay
PS30	Villa Florida	Paraguay
AS077	Atahualpa	Peru
AS078	Nana	Peru
AS079	Davao, Mindanao	Philippines
AS080	Tagaytay, Luzon	Philippines
RN52	Tanay	Philippines
HA07	Flores	Portugal
IS42	Azores, Graziosa Islands	Portugal
RN53	Ponta Delgada, Sao Miguel, Azores	Portugal
PS31	Wonju	Republic of Korea
AS081	Muntele Rosu	Romania
AS082	Kirov	Russian Federation
AS083	Kislovodsk	Russian Federation
AS084	Obninsk	Russian Federation
AS085	Arti	Russian Federation
AS086	Seymchan	Russian Federation
AS087	Talaya	Russian Federation
AS088	Yakutsk	Russian Federation
AS089	Urgal	Russian Federation
AS090	Bilibino	Russian Federation

Supply and Delivery of Uninterruptable Power Supplies, Surge Protection Devices, Digital Voltage Stabilizers and Accessories to International Monitoring System Stations and Other Locations on a Call-off Basis

Treaty Number	Station Name	Country
AS091	Tiksi	Russian Federation
AS092	Yuzhno-Sakhalinsk	Russian Federation
AS093	Magadan	Russian Federation
AS094	Zilim	Russian Federation
IS43	Dubna	Russian Federation
IS44	Petropavlovsk-Kamchatskiy	Russian Federation
IS45	Ussuriysk	Russian Federation
IS46	Zalesovo	Russian Federation
PS32	Khabaz	Russian Federation
PS33	Zalesovo	Russian Federation
PS34	Norilsk	Russian Federation
PS35	Peleduy	Russian Federation
PS36	Petropavlovsk-Kamchatskiy	Russian Federation
PS37	Ussuriysk	Russian Federation
RN54	Kirov	Russian Federation
RN55	Norilsk	Russian Federation
RN56	Peleduy	Russian Federation
RN57	Bilibino	Russian Federation
RN58	Ussuriysk	Russian Federation
RN59	Zalesovo	Russian Federation
RN60	Petropavlovsk-Kamchatskiy	Russian Federation
RN61	Dubna	Russian Federation
AS095	Afiamalulu	Samoa
AS096	Dhahan Al-Janub	Saudi Arabia
PS38	Haleban	Saudi Arabia
AS097	Babate	Senegal
AS098	Honiara, Guadalcanal	Solomon Islands
AS099	Sutherland	South Africa
IS47	Boshof	South Africa
PS39	Boshof	South Africa
RN62	Marion Island	South Africa
PS40	Sonseca	Spain
AS100	Pallekele	Sri Lanka
AS101	Hagfors	Sweden
RN63	Stockholm	Sweden
AS102	Davos	Switzerland
PS41	Chiang Mai	Thailand
RN65	Bangkok	Thailand
IS48	Thala	Tunisia
PS42	Thala	Tunisia
PS43	Keskin	Turkey
PS44	Alibeck	Turkmenistan
AS103	Mbarara	Uganda
PS45	Malin	Ukraine
AS104	Eskdalemuir	United Kingdom
HA08	BIOT/Chagos Archipelago	United Kingdom
HA09	Tristan da Cunha	United Kingdom
IS49	Tristan da Cunha	United Kingdom
IS50	Ascension	United Kingdom
IS51	Bermuda	United Kingdom
IS52	BIOT/Chagos Archipelago	United Kingdom
RN66	BIOT/Chagos Archipelago	United Kingdom
RN67	St. Helena	United Kingdom
RN68	Tristan da Cunha	United Kingdom
RN69	Halley, Antarctica	United Kingdom
RN64	Dar es Salaam	United Republic of Tanzania

Treaty Number	Station Name	Country
AS105	Guam, Marianas Islands	United States of America
AS106	Palmer Station, Antarctica	United States of America
AS107	Tuckaleechee Caverns	United States of America
AS108	Piñon Flat, CA	United States of America
AS109	Yreka, CA	United States of America
AS110	Kodiak Island, AK	United States of America
AS111	Albuquerque, NM	United States of America
AS112	Attu Island, AK	United States of America
AS113	Elko, NV	United States of America
AS114	South Pole, Antarctica	United States of America
AS115	Newport, WA	United States of America
AS116	San Juan, PR	United States of America
HA10	Ascension	United States of America
HA11	Wake Island	United States of America
IS53	Fairbanks, AK	United States of America
IS54	Palmer Station, Antarctica	United States of America
IS55	Windless Bight, Antarctica	United States of America
IS56	Newport, WA	United States of America
IS57	Piñon Flat, CA	United States of America
IS58	Midway Islands	United States of America
IS59	Hawaii, HI	United States of America
IS60	Wake Island	United States of America
PS46	Lajitas, TX	United States of America
PS47	Mina, NV	United States of America
PS48	Pinedale, WY	United States of America
PS49	Eielson, AK	United States of America
PS50	Vanda, Antarctica	United States of America
RN70	Sacramento, CA	United States of America
RN71	Sand Point, AK	United States of America
RN72	Melbourne, FL	United States of America
RN73	Palmer Station	United States of America
RN74	Ashland	United States of America
RN75	Charlottesville, VA	United States of America
RN76	Salchaket, AK	United States of America
RN77	Wake Island	United States of America
RN78	Midway Islands	United States of America
RN79	Oahu, HI	United States of America
RN80	Upi, Guam	United States of America
AS117	Santo Domingo	Venezuela (Bolivarian Republic of)
AS118	Puerto la Cruz	Venezuela (Bolivarian Republic of)
AS119	Lusaka	Zambia
AS120	Matopos	Zimbabwe

Supply and Delivery of Uninterruptable Power Supplies, Surge Protection Devices, Digital Voltage Stabilizers and Accessories to International Monitoring System Stations and Other Locations on a Call-off Basis

B. List of Batteries and other Spare Parts Required for Existing UPS Installed at IMS Stations (for LOT 1 only)

The following list is not exhaustive. Additional spare parts may be requested based on needs.

Spare parts for existing installed UPS: Batteries

1. APCRBC115 APC Replacement Battery Cartridge #115 for APC Smart-UPS
2. RBC55 APC Replacement Battery Cartridge #55 for APC Smart-UPS
3. SYBT2 for APC Symmetra RM 2-6kVA
4. APC RBC140
5. APC RBC141
6. APC RBC152
7. Battery replacement for Socomec NRT3-U7000K UPS (NRT3-B7000)
8. Battery replacement for Socomec NRT2-U3300 UPS
9. Battery replacement for Socomec NRT2-U1700 UPS

Spare Parts for existing installed UPS: Other

10. APC Symmetra RM6000 (rack only)
11. APC Power module SUPM2KU
12. APC Main Intel. Module SYMM3
13. APC Redundant Intel. Module SYRIM3

Network communication cards:

14. Socomec NetVision 7
15. APC AP9631