

**Reference: (IUL)/TMCL-SER/2020/04**

**Supplying and Installation of UPS and Server Rack Solution**

Information Issued Date	10 <sup>th</sup> December 2020
Tender Submission Date	17 <sup>th</sup> December 2020

## SECTION A TECHNICAL DETAILS

### **1 – TradeNet Maldives Data Centre UPS and server rack Bundle Solution x 1 Bundle**

**Bundle solution includes:**

<b>1.1- Supply &amp; Installation of UPS</b>		<b>01 NOS</b>
<b>Specifications</b>		
UPS Type	6KVA Rack-mount UPS	
Output power capacity	4.2kWatts / 6.0kVA	
Nominal Output Voltage	230V	
Output Voltage Note	Configurable for 220 : 230 or 240 nominal output voltage	
Output Frequency	50 - 60 Hz	
Load Crest Factor	Up to 3 : 1	
Topology	Double Conversion Online	
Waveform type	Sine wave	
Output Connections	(8) IEC 320 C13 (Battery Backup) (2) IEC 320 C19 (Battery Backup)	
Input Connections	Hard Wire 3 wire (1PH+N+G)	
Battery type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof	
Network Management Card	UPS Network Management Card 2 with Environmental Monitoring	
Interface Port(s)	DB-9 RS-232 , RJ-45 10/100 Base-T , Smart-Slot	

Control panel	LED status display with load and battery bar-graphs and on line
Environment	Must be Harsh Environment model
Audible Alarm	Audible and visible alarms prioritized by severity
Emergency Power Off (EPO)	Should include a Emergency Power Off (EPO)
Extended Runtime	1 x Extended Runtime unit
Warranty	Vendor on-site support for 24x7, 2-year Support Service and Part Replacement Service
Installation	<p>Should provide installation and start-up of the storage system.</p> <ul style="list-style-type: none"> <li>• Should be installed by vendor certified engineers.</li> <li>• Engineer certificates should be submitted along with the proposal (minimum 2 certified engineers) to provide support during warranty period.</li> </ul>
<b>1.2- Server Rack</b>	
<b>01 NOS</b>	
<b>Specifications</b>	
42U Rack Enclosure 600mm x 170mm	
Pre-installed full-enclosure height rear accessory channels	
Low-profile castors and adjustable leveling feet from underneath or above	
Split Rear doors	
Adjustable mounting rails with captive hardware and rapid alignment	
Quick release doors	
Perforated front door with curved profile	

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Integrated electrical grounding
Load Capacity- 3750 lb (1700kg) static
5 year repair and service

## **SECTION B** **INSTRUCTION TO BIDDERS**

### **1- Introduction**

The purpose of this Request for Proposal (RFP) is intended for competitive vendors who are interested to bid for Supply, Installation of TradeNet Data Center UPS and server rack Solution. This RFP provides vendors with the bill of materials, technical compliances and architectural requirements for successful responses.

The vendor is requested to give technical and commercial proposals in accordance with the terms and conditions mentioned in this document.

The bidder is expected to examine all instructions, forms, terms and technical specifications in the bidding documents. Failure to furnish all information or documentation required by the bidding documents may result in the rejection of the bid.

TradeNet Maldives reserves the right to refuse entry into any contract, to add to and/or delete, or to change any element of the coverage and participation at any time without prior notification and without any liability or obligation of any kind or amount.

All RFP's must be valid for a period of 90 Days from the date of submission.

### **2- Communication**

Applicable terms and conditions herein shall govern communications and inquiries related to this RFP between TradeNet Maldives and vendors.

Inquiries, questions, and requests for clarification are to be directed via email to: **[info@tradenet.com.mv]**

Any other form of communication shall be considered informal and shall have no weight, bearing, or influence in this RFP process.

### **3- Qualified Bidders**

Any single firm (sole proprietorship, partner, corporation, or other legal entity registered in the Republic of Maldives) is welcome to participate.

#### **4- Vendors understanding of the bid**

In responding to this RFP, the vendor accepts full responsibility to understand the RFP in its entirety, and in detail, including making any inquiries to TradeNet Maldives as necessary to gain such understanding.

TradeNet Maldives reserves the right to disqualify any vendor who demonstrates less than such understanding. Further, TradeNet Maldives reserves the right to determine, at its sole discretion, whether the vendor has demonstrated such understanding. That right extends to cancellation of award, if award has been made. Such disqualification and/or cancellation shall be at no fault, cost, or liability whatsoever to TradeNet Maldives.

#### **5- Proposal Requirements**

##### **5.1 Pre-Qualification Requirements**

The Bidder must have been in the service of this nature/IT Solutions for past five (5) Years in related to supply, configuration and commissioning of IT solutions.

TradeNet Maldives shall confirm that the following legal documents and information have been provided in the Bid. If any of these documents or information is missing, the offer shall be rejected.

Document	
Company Registration Certificate	
GST Registration Certificate	
Trade Permit	
Annual fee paid receipt	

## **5.2 Proposal Format**

The Bid document shall be rejected if it fails to meet the following minimum criteria and submit the required documents.

The complete original proposal must be submitted in a sealed package. Bid shall be marked

**“Supply, Installation of TradeNet Data Center UPS and Server Rack Solution”.**

Bidder shall file all documents necessary to support their proposal and include them with their proposal.

- Proposal shall be submitted in the following format and include the following information:
  - Detailed description of proposed equipment/services including the manufacturer part numbers, scope of work and quotation shall be submitted.

<b>Documents</b>	
Bid Form (ANNEX I)	
Price Schedule Form (ANNEX II)	
Terms & Conditions	
Bill of Quantities	
TAC Support & Warranty details	

- The Bidder should provide approach and reference of successful implementation of similar system and should include descriptions of system implementations they have completed. The mentioned project references **must** include names and contact information of the respective clients.  
**Must provide at least minimum Three (3) reference letters / purchase orders / Contract Copy.**

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- Bidder that does not manufacture or produce the goods it offers to supply **shall** submit the Manufacturer's Authorization Letter, to demonstrate that it has been duly authorized by the manufacturer or producer of the goods to supply these goods in the Republic of Maldives.
  
  - It is **mandatory** that the bidder will maintain the required technical team as deemed as suited based on the requirements and milestones. However, TradeNet Maldives expects that the proposer would have allocated the following or more team compositions having specific skill sets and professional experience. Importantly it is expected that the proposer will maintain necessary resources on-site during crucial stages of the project that requires closer interaction with TradeNet Maldives during installation, configuration, integration, On-the-Job training, etc. The Bidder **MUST** have at least One (1) full time trained service personnel under its payroll for UPS Installation, maintenance and support. The bidder shall attach the professional certificate of the engineer for reference. The bidder shall submit the following documents:
    - Certification copy of the relevant training
    - NID / Passport copy of the engineer
    - Contact of the engineer or a focal point from the company
  
  - Unless otherwise specified, the Bidder shall quote entirely in Maldivian Rufiyaa.

## **6- Delivery & Installation**

The successful bidder shall deliver the goods within **7-10** Day(s) upon signing of the contract.

## **7- Warranty**

- Minimum 2 years warranty for the supplied equipment.

The Successful Bidder shall provide a warranty that the solution (software, hardware, etc) provided under the contract will comply strictly with the contract, Shall be genuine(Factory integrated) in every particular case and shall be free from defects.



The Successful Bidder further warrants to TradeNet Maldives that all materials, equipment and supplies furnished by the vendor will be new, merchantable of the most suitable grade and fit for their intended purposes.

The warranty period, shall be as given in the bid proposal and/or otherwise agreed in conditions of contract between TradeNet Maldives and the Successful Bidder. Additionally, the Successful Bidder further warrants that all materials and equipment furnished are supplied from authorized channels.

**TradeNet Maldives reserves the right to reject the goods if it is identified as grey market products or counterfeit equipment.**

## **8- Evaluation and comparison of bids**

- a) **Clarification of Bids:** To assist in the examination, evaluation, comparison and post-qualification of the bids, TradeNet Maldives may, at its discretion, ask any bidder for a clarification of its bid. Any clarification submitted by a bidder in respect to its bid and that is not in response to a request by TradeNet Maldives will not be considered. No change in the prices or substance of the bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by TradeNet Maldives in the evaluation of the bids.
- b) **Responsiveness of Bids:** If a bid is not substantially responsive to the Bidding Documents, it shall be rejected by TradeNet Maldives and may not subsequently be made responsive by the bidder by correction of the material deviation, reservation, or omission.
- c) **Technical evaluation of Bids:** TradeNet Maldives shall evaluate the technical aspects of the Bid submitted in accordance with the RFP, to confirm that all requirements specified in the RFP have been met without any material deviation or reservation.

### **Evaluation Criteria**

Criteria	Marks
Price	60%
Experience	15%
Resources	05%
Delivery & Installation	20%

**Price:**

Each bidder's price is used to identify their relative position on a 0 - 60 price scale. This is done by allocating the lowest priced bid 60 points and calculating the remaining bidder's score in relation to this scale. Price percentage =  $60 \times (\text{lowest price} / \text{bid price})$ .

**Experience:**

Proof of supply and installation of similar system to other organizations within last five (5) Years. (Bidder should submit purchase orders or letter from user organization mentioning successful implementation.)

Experience (Ref Letters)	Marks
More than or equal to 3 reference Purchase Order/Contract copy	15
Minimum 1 reference letters or PO	5

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**Resources:**

05 points will be given for the amount of trained staffs within the bidder organization. (Certification copy and ID card / Passport copy) The Bidder MUST have at least One (1) full time trained service personnel under its payroll for UPS installation, maintenance and support and server management.

**Delivery and Installation:**

Each bidder's number of days for delivery is used to identify their relative position on a 1 - 20 scale.

Days	Marks
Less than or equal to 10 days	20
More than 10 days	10

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**ANNEX I**  
**Bid Form**

To: .....

Dear Sirs:

We, the undersigned, offer to “**Supply, Installation of TradeNet Data Center UPS and Server Rack Solution**” in accordance with your Term of Reference dated ..... and our Proposal. We are hereby submitting our Proposal; our financial offer is for the sum of ..... which is inclusive of the local taxes.

We hereby declare that all the information and statements made in this Proposal are true and accept that any misinterpretation contained in it may lead to our disqualification.

We undertake, if our Proposal is accepted, to initiate the services and fulfill the requirements of the terms of reference.

We understand you are not bound to accept any Proposal you receive.

We remain,

Yours sincerely,

<b>Authorized Signature</b>	
<b>Name and Title of Signatory</b>	
<b>Name of Firm</b>	
<b>Address</b>	

**ANNEX II**  
**Price Schedule Form**

#	Description	Qty	Unit Price (MVR)	GST 6%	Total (MVR)
1	<b><u>Supply, Installation of TradeNet Data Center UPS and Server Rack Solution</u></b>	1 Bundle			
<b>Bundle Solution Total including 6% GST</b>					
<b>Delivery Period</b> Maximum xx-Days upon confirmation					
<b>Installation Period</b> Maximum xx-Days					
<b>Warranty Period</b> Hardware, Software, Subscription					

**Note:** Bidder shall provide cost information by completing the table above indicating the estimated amount of time and cost of completing the project.