



Request for Quotation (RFQ)

Issued on: **21 June 2019**

**Millennium Challenge Account Nepal**  
on behalf of

**The Government of Nepal**  
funded by

**The United States of America**  
Through  
**The Millennium Challenge Corporation**

For

**Supply and Installation of Power  
backup system for server supply**

**\*\*\*\*\***

Ref No: **MCA-N/PM/SH/016**



## MILLENNIUM CHALLENGE ACCOUNT NEPAL (MCA-NEPAL)

Requesting for Quotation for Supply and Installation of Power backup system for server supply.

Kathmandu, Nepal

21 June 2019

**Ref: MCA-N/PM/SH/016**

1. The Millennium Challenge Corporation (“MCC”) and the Government of Nepal (“Government” or “GoN”) have entered into a Millennium Challenge Compact for Millennium Challenge Account assistance to help facilitate poverty reduction through economic growth in Nepal on 14 September 2017 (“The Compact”) in the amount of approximately **USD 500 million** (“MCC Funding”). The Government intends to apply parts of the proceeds of the funds to payments for contracts for goods, works and services. MCC is a U.S. government agency focused on assisting countries dedicated to good governance, economic freedom, and investments in people.
2. The Compact includes additional investment from the Government of approximately US\$130 million for a total of US\$630 million. It includes two projects: (i) construction of about 300 kilometers of 400kV electricity transmission lines, three substations, and technical assistance for the power sector; and (ii) technical assistance to improve the road maintenance regime and road maintenance works on about 300 kilometers of the strategic road network. The program would include the procurement of contractors and consultants for design, construction and supervision of electricity lines and substations, road maintenance works, including a variety of technical services, equipment and construction works in different geographic locations within Nepal. These contracts will be competed through open international procurement procedures.
3. Millennium Challenge Account Nepal (MCA-Nepal), an organization of the Government of the Nepal that manages the Compact Agreement with funding from the Millennium Challenge Corporation, intends to procure the service of “Supply and Installation of Power backup system for server supply” described in the attached Terms of Reference.
4. You are required to submit a quotation for the goods and services as stipulated in the annexes to this RFQ. **Prices shall be quoted all-inclusive in Nepalese Rupees (NPR)**. The offered price should include all costs needed to provide the goods and

services in accordance with the Terms of Reference and Conditions of Contract. **No additional cost shall be paid apart from the quoted price for goods and services stated under this RFQ.** Please note that the address of MCA-Nepal Office is Yak & Yeti Hotel Convention Center (second and third floor), Durbar Marg, Kathmandu.

5. There will be no price negotiations. The quotation shall be valid for sixty (60) days from deadline for submission of quotations stated under clause 21.
6. **Delivery of the Goods and services: Within 45 calendar days** after dual signature of contract (Purchase Order). The supplier must sign the proposal within 2 days of signature of the Contract (Purchase Order) by MCA-Nepal.
7. **Liquidated Damages:** The Supplier agrees that failing to deliver any or all of the Goods or to perform the installations within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Purchase Order, deduct from the Contract Price, as liquidated damages, a sum equivalent to half of percent (0.5%) of the purchase order price for each day of delay in provision of Goods and Services or unperformed Services, until actual delivery or performance, up to a maximum deduction of ten percent (10%) of the purchase order amount. Once the maximum is reached, the Purchaser may consider canceling the Purchase Order. The supplier is bound to provide the amount of liquidated damage, which will be recovered from the suppliers in case of their non-performance.
8. **Payments for the goods:** will be made within thirty (30) days after delivery and acceptance of the goods and receipt of a valid supplier's invoice.
9. You are required to submit quotations **for complete goods and services**, otherwise your quotation shall not be considered.
10. **Clarifications:** Any clarifications needed shall be submitted in written not later than **27 June 2019 by 17:00 hours Nepal Time**. MCA-Nepal will consolidate all submitted requests for clarifications and will issue a Q&A document not later than **03 July 2019 by 17:00 hours Nepal time**.
11. **Warranty Period:** All goods to be provided shall have a minimum warranty period of twenty-four (24) months.
12. You shall submit only one quotation. Your quotation must be typed or written in indelible ink and shall be signed by your authorized representative.
13. Quotations will be evaluated under shopping method in accordance with the procedures set out in the MCC Program Procurement Guidelines which are provided on the MCC website (<https://www.mcc.gov/resources/doc/program-procurement-guidelines>). The selection process, as described, will also include

eligibility checks at the beginning of evaluation to be considered for further evaluation.

14. MCA-Nepal will award the contract to the bidder whose quotation has been determined to be substantially responsive to this Request for Quotation, fulfill the requirements stated in this Request for Quotation and who has offered the lowest evaluated price quotation. A quotation is not substantially responsive if it contains material deviations or reservations to the terms, conditions, requirement of Request for Quotation (RFQ), and specifications in this Request for Quotation, A non-responsive quote shall not be considered for recommendation of award. The Employer will evaluate and compare only the quotations determined to be substantially responsive.
15. Bidders shall submit with their Quotations copies of the following documents:
  - a. Firm/ Company Registration (which shall indicate the country of company/firm registration). It is required to have at least five (05) years' experience in executing similar assignments that is Supply and Installation of Power backup system for server supply;
  - b. PAN/VAT/TAX Registration; (applicable to Nepalese Firm/Company only)
  - c. Tax Clearance Certificate up to the last FY 2074/2075 (applicable to Nepalese Firm/Company only)
  - d. Certifications of two (2) similar projects successfully completed during last 5 years. This evidence may be provided in the form of copies of past contracts, invoices, reference letter etc.
  - e. Authorization in Support of Person signing the Quote such as Power of Attorney or a letter stating that the signatory has authority to sign the Quotation and commit the Contract on behalf of the Bidder.
16. In evaluating the quotations, the Purchaser/MCA-Nepal will adjust for any arithmetical errors as follows:
  - a. where there is a discrepancy between amounts in figures and in words, the amount in words will govern;
  - b. where is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern; and
  - c. If you refuse to accept the correction, your quotation will be rejected

17. Bidders may challenge the results of a procurement only according to the rules established in the Bid Challenge System developed by the MCA-Nepal and approved by MCC. The rules and provisions of the Bid Challenge System are as published on the MCA-NEPAL's website at <https://mcanp.org/procurement/bid-challenge-system/>.
18. Please submit your price quotation signed by an authorized representative via the Dropbox link provided below, with the name of the uploaded file as follows: "**Your Company Name -Supply and Installation of Power backup system for server supply**".
19. The File request link (Dropbox link) for **submission of quotations**:  
<https://www.dropbox.com/request/PY2AqHduMXwHmXTLuKIQ>

Instruction for uploading your submission:

- Click of this link/type this link correctly in a browser.
- Click on **Choose file** (your quotation and all related documents and click upload)
- Click on **+Add another file** (Optional, only if you have more than one file and so on for other files)
- Enter your: **First name, Last name and Email address**
- Click **Upload**

Done

20. Please note that the provided **Dropbox link** will expire on the **deadline for submission** indicated in clause 21 below, consequently no late quotations will be received.
21. Deadline for submission of quotations is **09 July 2019, at 15:00 hours local time in Kathmandu, Nepal (GMT+5:45)**.
22. Quotations will be opened publicly in the presence of supplier and/or their representatives who choose to attend on **09 July 2019, at 15:30 hours local time in Kathmandu, Nepal (GMT+5:45)** at the address **Yak and Yeti Hotel Complex (Second Floor) , Convention Center, Durbar Marg, Kathmandu .**
23. **Site Visit:** The bidders are strongly advised to visit to learn the detailed requirement, electrical/battery accessories, wires; fittings and standard of work to be delivered to accomplish the backup system setup. For this purpose, an organized visit is scheduled to take place on **26 and 27 June 2019 between 1:00 PM-4:00PM**. For logistic purposes, please confirm your attendance to the Site Visit to the email [MCANepalPA@Cardno.com](mailto:MCANepalPA@Cardno.com).
24. MCA-Nepal reserves the right to reject any or all applications or offers without incurring any liability and may waive any defect or informality therein and accept the offer which it deems most advantageous to the institution.

Yours sincerely,  
**For MCA-Nepal:**

**Khadga Bahadur Bisht**  
Executive Director

**Annexes:**

1. Technical Specifications
2. Quotation Submission Form
3. Submission form of Supplier's Proposed technical Speciation
4. Purchase Order Sample

# Annex 1

## Technical Specifications

### Supply and Installation of Power backup system for server supply

All specifications are minimum, except where ranges, maximum levels and exactitudes are stated. Bidders should indicate brand, make, model and series of equipment below the title

### Power Backup for Server Systems Supply

#### Technical Specification

- UPS Type – 20 kVA Smart, Double Conversion Online
- Modular design - provides fast serviceability and reduced maintenance requirements via self-diagnosing, field-replaceable modules.
- Audible alarms (with auto reset feature), provides notification of changing utility power and UPS power conditions, programmable with different frequency support.
- LCD display - Alpha-numeric displays for system parameters and alarms.
- Dual mains Input preferred that increases availability by allowing the UPS to be connected to two separate power sources (municipal/generator).
- Supplies utility power to the connected loads in the event of a UPS power overload or fault. Hot-swappable batteries.
- No internal battery required but should be featured to customize scalable runtime with external battery backup with appropriate charging system for a size of battery array as mentioned below.
- Periodic battery self-test ensures early detection of a defective/inefficient battery that needs to be replaced.

#### Power Ratings

##### (i) Input (Municipal Feed)

- 3- Phase Input with Nominal Inputs Voltage – 190 ~ 240 Voltage single phase (400V ~ 660 V 3PH)
- Input connections - Hard Wire 3-wire (3PH + G)/Hard Wire 5-wire (3PH + N + G) or compatible good quality input connection setup.
- Input Frequency - 47 ~ 70 Hz (auto sensing)
- Input Connections - Hard Wire 5-wire (3PH + N + G)
- Efficiency at full load – 95% or higher
- Input Power Factor at Full Load - 0.98

##### (ii) Output (Pure Sine Wave)

- Max Configurable Power (Watts) - 16.0kWatts / 20.0kVA

- Nominal Output Voltage – 220 V Single Phase/3 Phase (Configurable for 380: 400 or 415 V 3 Phase nominal output voltage)
- Efficiency at Full Load - 95.0 %
- Output Voltage Distortion - Less than 5% at full load
- Output Frequency (sync to mains) - 47 ~ 53 Hz for 50 Hz nominal
- Output Frequency (not synced) - 50Hz +/- 0.1% for 50Hz nominal
- Output connection – Customized /modified for 4 x 20 Amp and 2 x 30 Amp outlet Hard Wire 3-wire (H N + G)// IEC 320 C13, C19 (single phase) or appropriate, safe and efficient as per the vendors' recommendation.
- Built-in Static Bypass, Internal Bypass (Automatic and Manual)

### **(iii) Communication and Management**

- Pre-Installed Smart-Slot Card for Network Management, Interface Ports(s), RJ-45 10/100/1000 Base-T Smart Slot, Multi-function LCD status and control console, audible and visible alarm. EMP/Temperature Sensor, Web/SNMP Management Card for remote access/management,
- Installation - all power backup automation to be done by vendor as per MCA-Nepal's requirement. We use VMware/hypervisor that handles several virtual machines and guest O/S that need to be managed by the graceful system.
- Includes: CD with software/firmware, User Manual for graceful power programming.

### **Battery Details**

- Battery Type - Shield Maintenance Free (SMF) - VLIR
- Battery Capacity - 200 AH
- Nominal Voltage - 12V system
- Warranty – 3 Years
- Battery Make – Exide or Equivalent

### **Battery Cabinet/Rack**

A good quality battery cabinet with metallic (steel or galvanized Iron) frames with appropriate strong base that can accommodate 32 nos of above batteries (16 in each Single cabinet with 2 rows @ 8 batteries) or as recommended by the vendor. Battery cabinet should be of industry standard (appropriate local make acceptable), spacious to organize power cables, connectors and accessories so that all batteries will be safe, risk free and appropriately setup.

### **Backup System Installation**

Installation includes setup of UPS and battery backup system. Extending the power from UPS to Server systems (approx. 20-meter distance) with good quality 4 core copper wire (7/16 or appropriate) using good quality connectors, insulators, jumpers and IP socketing to connect to PDUs of respective server racks. A changeover switching may be required to keep at appropriate point (generator and municipal supply) which gives extra option to bypass or cut-over for maintenance.



All safety and precautionary measures should be applied to avoid/mitigate any possible electrical-shocks and other hazards to human and server equipment.

## Annex 2 Quotation Submission Form

Supply and Installation of Power backup system for server supply

Vendor: \_\_\_\_\_

Date: \_\_\_\_\_

S. N.	Description of Goods/Services	Unit	Qty	Rate - Nepalese Rupees (NPR)	Amount - Nepalese Rupees (NPR)
1	Supply and Delivery of 20 kVA Smart, Double Conversion Online UPS System As per the Specification Annex 1 and Conditions of the Contract/Purchase Order	Set	1		
2	Supply and Delivery of 200 AH SMF Battery As per the Specification Annex 1 and Conditions of the Contract/Purchase Order	Nos	32		
3	Supply and Delivery of Battery Cabinet As per the Specification Annex 1 and Conditions of the Contract/Purchase Order (Vendors are required to visit the site to see the space and design the battery rack accordingly)	Nos	2		
4	Installation of UPS and Battery Backup System As per the Specification Annex 1 and Conditions of the Contract/Purchase Order	LS	1		
TOTAL					
VAT @ 13%					
GRAND TOTAL					

Our grand total includes all cost needed to provide the goods and services as per the requirement in the Request for Quotation, including delivery of the goods within **45 calendar days** after signing the contract.

We confirm that we have no conflict of Interest as per Millennium Challenge Corporation Program Procurement Guidelines (<https://www.mcc.gov/resources/doc/program-procurement-guidelines>).

Our Quotation is valid for 60 days from the date of Submission.

We are attaching herewith the documentary proof in support as authorization for the person signing the quotation (Attach Letter of Authorization Accordingly).

Name of the Firm: \_\_\_\_\_

Name of the Person Authorized to Sign the Quotation: \_\_\_\_\_

Position of the signatory in Organization: \_\_\_\_\_

Signature of the Authorized Person: \_\_\_\_\_

Date: \_\_\_\_\_

Physical Address: \_\_\_\_\_

Email id: \_\_\_\_\_

### Annex 3

## Submission Form of Supplier's Proposed Technical Specifications

Supply and Installation of Power backup system for server supply (To be Completed by the Supplier Accordingly)

S.N.	Description of Goods/Services	Proposed Technical Specification
1	Supply and Delivery of 20 kVA Smart, Double Conversion Online UPS System	<b>Brand Name:</b> _____ <b>Model:</b> _____ Other Description:
2	Supply and Delivery of 200 AH SMF Battery	<b>Brand Name:</b> _____ <b>Model:</b> _____ Other Description
3	Supply and Delivery of Closed Battery Cabinet	<b>Brand Name:</b> _____ <b>Model:</b> _____ Other Description:
4	Installation of UPS and Battery Backup System	

## Annex 4 Sample Purchase Order

### *PURCHASE ORDER*

Procurement Reference		
Project	RFQ No	Contract/PO No
<b>Program Administration</b>	<b>MCA-N/PM/SH/016</b>	<b>MCA-N/PM/SH/016</b>

To: *[Supplier Name], [Address]*

Your quotation reference quotation dated *[Submission date]* is accepted and you are required to supply the goods as detailed below:

#### **SPECIFIC TERMS OF THIS PURCHASE ORDER:**

1) You are required to supply the goods as detailed below:

<b>PURCHASE ORDER N°:</b>		<b>Date: XX/July 2019</b>			
Purchaser: Millennium Challenge Account Nepal (MCA-Nepal)		<b>Supply and Installation of Power backup system for server supply</b>			
<b>Supplier/Service Provider: <i>[Supplier Name and Address]</i></b>					
Address: <i>[Supplier Name and Address]</i>		Tel:		Fax:	VAT No:
Email Address:		Cell No:			
Contact Name:					
<b>ORDER</b>					
Item Number	Description	Unit	Quantity	Unit Rate	Total price (NPR)
1	Supply and Delivery of 20 kVA Smart, Double Conversion Online UPS System As per the Specification Annex 1 and Conditions of the Contract/Purchase Order	Set	1		
2	Supply and Delivery of 200 AH SMF Battery As per the Specification Annex 1 and Conditions of the Contract/Purchase Order	Nos	32		
3	Supply and Delivery of Closed Battery Cabinet As per the Specification Annex 1 and Conditions of the Contract/Purchase Order	Nos	2		
4	Installation of UPS and Battery Backup System As per the Terms of reference - Annex 1 and Conditions of the Contract/Purchase Order	LS	1		
<b>TOTAL AMOUNT WITHOUT VAT</b>					
<b>VAT @ 13%</b>					

<b>TOTAL AMOUNT WITH VAT</b>	
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- 2) **Contract Sum:** *[Insert Amount in words and numbers.]* including VAT
- 3) Except as may be exempt pursuant to the Compact, MCA-Nepal and all Providers, Covered Providers, Project Partners, contractors (prime contractors and subcontractors), consultants, and other entities and individuals that receive MCC funding directly or indirectly in furtherance of the Compact are exempt from Taxes or will be refunded equal amount of Taxes paid in respect of the MCC funding in accordance with Section 2.8 of the Compact available at: <https://assets.mcc.gov/content/uploads/compact-nepal.pdf>
- 4) **Warranty:** All goods to be provided shall have a minimum warranty period of **twenty-four (24) months.**
- 5) **Delivery point and Delivery time:** The goods are to be delivered to MCA-Nepal Office premises in Kathmandu and within **45 calendar days** after dual signature of contract (Purchase Order). The Cost of delivery is deemed to have been included in the Price in Annex 2 and there shall be no separate reimbursements of delivery costs.
- 6) **Liquidated Damages:** The Supplier agrees that failing to deliver any or all of the Goods or to perform the installations within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Purchase Order, deduct from the Contract Price, as liquidated damages, a sum equivalent to half of percent (0.5%) of the purchase order price for each week of delay in provision of Goods or unperformed Services, until actual delivery or performance, up to a maximum deduction of ten percent (10%) of the purchase order value. Once the maximum is reached, the Purchaser may consider canceling the Purchase Order. The supplier is bound to provide the amount of liquidated damages, which will be recovered from the supplier in case of their non-performance.
- 7) **Contract Manager:** For the purpose of management of the contract/purchase order from the purchaser's side, the Contract Manager is National Coordinator:

Mahendra Lamsal  
 IT Specialist  
 Millennium Challenge Account Nepal (MCA-Nepal)  
 Yak and Yeti Hotel Convention Center,  
 Durbar Marg,  
 Kathmandu, Nepal.  
 Email: [Mahendra.lamsal@mcanp.org](mailto:Mahendra.lamsal@mcanp.org)

- 8) **Payment Conditions:**  
 Prices mentioned in this purchase order are all-inclusive in Nepalese Rupees (NPR). The offered price should include all costs needed to provide the goods in accordance with the Terms of

Reference and Conditions of Contract. No additional cost shall be paid apart from the quoted price for goods stated under this Purchase order. Please note that the address of MCA-Nepal Office is Yak & Yeti Hotel Convention Center (second floor), Durbar Marg, Kathmandu. Upon acceptance of the goods and service by MCA-Nepal, Purchaser will then be obligated to pay 100% of the amount of the Purchase Order **within thirty (30) calendar days** of completion or satisfactory performance of the contract. The following documentation must be supplied for payments to be made:

- i). Original Invoice;
- ii). A delivery and acceptance note evidencing received of the goods & service; and verified by the contract manager to confirm that that the goods and services delivered are as per the signed purchase order and;
- iii). The Supplier shall produce a written document committing itself to the warranty/guaranty period of **twenty-four (24) months and indicate a fourteen (14) days'** period to rectify defects as and when they are made known by the Purchaser. This written document shall be signed and stamped by the Authorized Representative of the Supplier and shall remain in force for the full period of warranty/guaranty.

- 9) The invoice should include the VAT registration number and the name of the account holder, the account number (IBAN), bank name, bank branch and SWIFT code. The Invoice (s) must be submitted to the following address:

Millennium Challenge Account Nepal (MCA-Nepal)  
Yak and Yeti Hotel Complex, Durbar Marg  
Kathmandu, Nepal.  
Attn: Executive Director  
Email: [Khadga.Bisht@mcanp.org](mailto:Khadga.Bisht@mcanp.org)

- 10) Bank Details of Supplier:

Name of the Bank:

Branch Address:

Name of the Account:

Account No:

SWIFT Code:

IBAN:

- 11) **Failure to Perform:** The Purchaser may cancel, at any time, this Purchase Order if the Supplier fails to deliver the Goods in strict accordance with the above terms and conditions. The Supplier undertakes that during the Guaranty/warranty period replacement/repair of any defective parts and equipment will be completed within fourteen days of the date of notification of the defect. Failure to perform in this contract may be the reason for rejection of the quotation/bids in future bidding process.

- 12) **Inspection:** The Goods will be inspected at the delivery point by the Contract Manager or his representative. After inspection, if the Contract Manager deems any delivery of the Goods to not be in strict accordance with the above terms and conditions, that non-conformity shall serve as a justifiable ground to cancel this Purchase Order.

13) **Start Date:** Date of the last signature on the Purchase Order will be the Start Date.

**For Millennium Challenge Account Nepal/  
MCA-Nepal:  
Name: Khadga Bahadur Bisht**

**For the Supplier: [Supplier name and  
address]  
Name:**

Signature:  
Executive Director  
Date:

Signature:  
.....  
Date:

Witness:

Witness

Name:

Name:

Signature:

Signature:

Date:

Date:



## Annex 5

### Check List for Submission of the Quotation

1. Completely filled and signed Quotation Submission Form
2. Firm/ Company Registration (which shall indicate the country of company/firm registration). It is required to have at least five (05) years' experience in executing similar assignments that is Supply and Installation of Power backup system for server supply;
3. PAN/VAT/TAX Registration;
4. Certifications of two (2) similar projects successfully completed during last 5 years. This evidence may be provided in the form of copies of past contracts, invoices, reference letter etc.
5. Authorization in Support of Person signing the Quote such as Power of Attorney or a letter stating that the signatory has authority to sign the Quotation and commit the Contract on behalf of the Bidder.
6. Statement on warranty: The Bidder shall produce a written document committing itself to the warranty/guaranty period of twenty-four (24) months and indicate a fourteen (14) days' period to rectify defects as and when they are made known by the Purchaser. This written document shall be signed and stamped by the Authorized Representative of the Bidder and shall remain in force for the full period of warranty/guaranty, in case the Contract is awarded to the Bidder.
7. Statement that you abide by the provision of the Request for Quotation
8. Filled Submission form of Supplier's Proposed technical Speciation identifying clearly the specification of the proposed Goods
9. Bank Details of Bidder (Will be used only for bidder to whom contract will be awarded):
  - Name of the Bank:
  - Branch Address:
  - Name of the Account:
  - Account No:
  - SWIFT Code:
  - IBAN: