



**Ministry of Finance
Development Lotteries Board**

**Supplying, Installation and Commissioning of
20 kVA UPS System**

BID No: DLB/PRO/2022/18

Bidders Name :-

Receipt No :-

**Development Lotteries Board,
356. Dr. Colovin R. De Silva Mawatha,
Colombo 2.**



Procurement Notice
Ministry of Finance
DEVELOPMENT LOTTERIES BOARD

Supplying, Installation and Commissioning of 20 kVA UPS System
Bid No : - DLB/PRO/2022/18

Chairman, Minor Procurement Committee, on behalf of the Development Lotteries Board invites sealed bids from Interested eligible bidders for Supplying, Installation and Commissioning of 20 kVA UPS System including UPS room wiring and AC installation of the UPS room for the DLB.

02. Bidding will be conducted according to the National Competitive Bidding (NCB) Procedure.
03. A complete set of Bidding documents in English language could be inspected and purchased upon submission of the written request by the supplier in the Procurement Division of Development Lotteries Board, No.356, Dr. Colvin R De Silva Mw, Union Place, Colombo2, from **15.09.2022** to **29.09.2022** (during working days) between 09.00 am to 03.00 p.m, upon payment of the non - refundable document fees **Rs. 2,240.00** The method of payment will be in cash.
04. The bids should be accompanied by a Bid Security as stated in the bidding document.
05. Bidders should furnish all the detailed information as required in the Bidding Documents.
06. As per the Bid Conditions, Bids shall be delivered in duplicate with marked as top left hand corner of the envelopes **"Supplying Installation Commissioning of 20 kVA UPS System for the DLB (Bid No:- DLB/PRO/2022/18)"**.to reach the Chairman, Minor Procurement Committee, Development Lotteries Board, 356, Dr.Colvin R. De Silva Mawatha, Colombo 02., Sri Lanka, not later than **02.30 p.m** on **30.09.2022** and no bids will be accepted thereafter.
07. Bids should be forwarded by registered post or deposited in the Box provided at Procurement Division of the Development Lotteries Board, at the above address. Bids will be **closed at 02.30 p.m** on **30.09.2022** and bids will be opened soon after closing time in the presence of bidder's representatives.
08. The bidding documents could be referred from the dlb website: www.dlb.lk

Chairman,
Minor Procurement Committee,
Development Lotteries Board,
356. Dr. Colvin R. De Silva Mawatha,
Colombo 02.
Tel: 011 4824824
www.dlb.lk
15.09.2022



Section I. Instructions to Bidder(ITB)

A: General	
1. Scope of Bid	1.1 Chairman, Minor Procurement Committee, on behalf of the Development Lotteries Board invites sealed bids from Interested eligible bidders for Supplying, Installation and Commissioning of 20 kVA UPS System including UPS room wiring and AC installation of the UPS room for the DLB
B: Contents of Documents	
2. Contents of Documents	<p>2.1 The documents consist of the Sections indicated below.</p> <ul style="list-style-type: none"> • Section I. Instructions to Bidder (ITB) • Section II. Data Sheet • Section III. Eligibility Criteria • Section IV. Schedule of Requirements • Section V. Technical Specification • Section VI. Company Profile • Section VII. Bid form • Section VIII. Price Schedule • Section IX. Bid Security • Section X performance Security • Section XI Manufacturing Authorizing • Section XII Agreement
C: Preparation of Bid	
3. Documents Comprising your Bid	<p>3.1 The Bid shall comprise the following:</p> <ol style="list-style-type: none"> a. Bid Submission Form and the Price Schedules b. Bid Security or a copy of refundable deposit slip. c. Original catalogues. d. Customer list with contact numbers who have been Completed for last 03 years e. BR copy f. VAT registration copy g. Other details if necessary h. All documentary evidence for confident ion of information requested in this bid
4. Bid Submission Form and Price schedules	4.1 The bidder shall submit the Bid Submission Form using the form furnished in Section V. This form must be completed without any alterations to its format, and no substitutes shall be accepted. All blank spaces shall be filled in with the information requested.
5. Prices and Discounts	<p>5.1 Unless specifically stated in Data Sheet, all items must be priced separately in the Price Schedules.</p> <p>5.2 The price to be quoted in the Bid Submission Form shall be the total price of the Bid, including any discounts offered.</p>

	<p>5.3 The applicable VAT shall be indicated separately.</p> <p>5.4 Prices quoted by the bidder shall be fixed during the bidder's performance of the Contract and not subject to variation on any account. A Bid submitted with an adjustable price shall be treated as non-responsive and may be rejected.</p>
6. Currency	6.1 The Bidder shall quote only in Sri Lanka Rupees.
7. Documents to Establish the Conformity of the Goods	<p>7.1 The bidder shall furnish as part of its bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section V. Schedule of Requirements.</p> <p>7.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods, demonstrating substantial responsiveness of the Goods to the technical specifications, and if applicable, a statement of deviations and exceptions to the provisions of the Technical Specifications given.</p> <p>7.3 If stated in the Data Sheet the bidder shall submit a certificate from the manufacturer to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in Sri Lanka.</p>
8. Period of Validity of bid	8.1 Bids shall remain valid for the period of Ninety (90) days from the bid submission deadline date.
9. Format and Signing of Bid	9.1 The bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the bidder.
D: Submission and Opening of Bid	
10. Bid Security	<p>10.1 Bidder should be submitted bid security on behalf of the chairman of Development Lotteries Board value for Rs. 60,000.00 obtain from a reputed bank as per the sample format attached here with Validity period is 118 days from the date of closing of the bid</p> <p style="text-align: center;">or</p> <p>Bidders can be deposited Rs. 30,000.00 in cash to the DLB as refundable deposit. Copy of receipt should be attached to the bid. The deposit will be released after the contract award.</p>
11. Submission of Bid	<p>11.1 Bidder may submit their bids by registered post or by hand in sealed envelopes addressed to the Purchaser bear the specific identification of the contract number.</p> <p>11.2 If the bid is not sealed and marked as required, the Purchaser will assume no responsibility for the misplacement or premature opening of the bid.</p>
12. Deadline for Submission of Bid	12.1 Bid must be received by the Purchaser at the address set out in Section II, "Data Sheet", and no later than the date and time as specified in the Data Sheet.
13. Late Bid	13.1 The Purchaser shall reject any bid that arrives after the Bid deadline for submission of bids.
14. Opening of Bids	<p>14.1 The Purchaser shall conduct the opening of bid in public at the address, date and time specified in the Data Sheet.</p> <p>14.2 A representative of the bidders may be present and mark its attendance.</p>

E: Evaluation and Comparison of Bid	
15. Performance Security	15.1 Within 10 days of the notice of the award from the purchaser. The selected bidder shall furnish the performance security on behalf of the chairman of Development Lotteries Board as per the form attached herewith. Validity period is 120 days from the date of the letter of award. Value of the Performance Security value is 10% of the contract amount.
16. Clarifications	<p>16.1 To assist in the examination, evaluation and comparison of the bids, the Purchaser may, at its discretion, ask any bidder for a clarification of its bid on or before 10 days from the date of the Opening of bid.</p> <p>16.2 The Purchaser's request for clarification and the response shall be in writing.</p>
17. Responsiveness of Bids	<p>17.1 The Purchaser will determine the responsiveness of the bid to the documents based on the contents of the bid received.</p> <p>17.2 . If a bid is evaluated as not substantially responsive to the documents issued, it may be rejected by the Purchaser.</p>
18. Evaluation of Bid	<p>18.1. The Purchaser shall evaluate each bid that has been determined, to be substantially responsive as per the evaluation criteria.</p> <p>18.2. 03 years services level agreement cost will be considered for total bid Price</p> <p>18.3. Total Contract values for Supplying, Installation and Commissioning of UPS System,/ Supplying & Installation of AC System and wiring of UPS room will be considering for financial evaluation. Bidder can be out sourced for facility of AC installations.</p>

19. Purchaser's Right to Accept any Bid, and to Reject any or all Bids	19.1 The Purchaser reserves the right to accept or reject any bid, and to annul the process and reject all bids at any time prior to acceptance, without thereby incurring any liability to bidders.
F: Award of Contract	
20. Acceptance of the Bid	20.1 The Purchaser will accept the bid of the bidder whose offer has been determined to be the lowest evaluated bid and is substantially responsive to the documents issued.
21. Notification of acceptance	21.1 Prior to the expiration of the period of validity of bid, the Purchaser will notify the successful bidder, in writing, that its bid has been accepted.
22. Payments	22.1 Payments will be made after commissioning of the UPS system (including installation of AC system and wiring of UPS room) within 30 days from the receipt the invoice
23. Termination Clause	23.1 The Chairman of Development Lotteries Board has the right to terminate the agreement; in the event of the services do not meet the requirements Specified in the tender document.
24. Contract Period	24.1 The delivery period is 90 days from the letter of award/PO.
25. Governing Law	25.1 The tenders and any contract resulting there from shall be governed by and construed according to the Law of Sri Lanka.
26. Liquidated Damages	26.1 The liquidated damages should be half (0.5) percent per week of contract price or part thereof. Maximum amount of liquidated damages 10% of the contract price.
27. Manufacture's Authorization	27.1 Hardware items should be manufactured by a reputed manufacturer at their factory. The country of origin of the Hardware item should be given clearly with the name of manufacturer. Manufactures Authorization should be provided
28. Warranty period	28.1 Refer 1.15 of the specification
29. Availability Spare parts	29.1 The Bidder shall submit a written undertaking that parts for the Computer offered shall be available and could be supplied for a minimum period of five years from the date of supply.

Chairman,
Minor Procurement Committee
Development Lotteries Board,
No. 356, Dr. Colvin R De Silva Mawatha,
Union Place,
Colombo 02.
15.09.2022

Section II: Data Sheet

ITB Clause Reference	
1.1	The Purchaser is : Chairman, Minor Procurement Committee Development Lotteries Board, Address: No. 356, Dr. Colvin R De Silva mawatha, Union Place, Colombo 02
5.1	Bidders are allowed to quote for all items or selected items specified in the section V (Not Allowed)
7.3	Manufacture's Authorization is required.
11.1	Address for submission of Bids is : Chairman, Minor Procurement Committee Development Lotteries Board, No. 356, Dr. Colvin R De Silva mawatha, Union Place, Colombo 02 Deadline for submission of bids is 2.30 p.m. 30.09.2022
13	The bids shall be opened at the following address: Chairman, Minor Procurement Committee Development Lotteries Board, No. 356, Dr. Colvin R De Silva mawatha, Union Place, Colombo 02 Bids will be opened on 2.30 p.m. 30.09.2022

¹ Insert only if additional factors other than price is considered for evaluation.

Section III. Eligibility Criteria

DEVELOPMENT LOTTERIES BOARD

Supplying of UPS System 20kVA

Eligibility criteria

Eligible bidders should have the following requirements and should prove same with documentary evidence sent along with their offers.

		Bidder's Response	
No	Description	Yes / No	Remarks
Service provider selection criteria			
1	Bidder should have minimum 05 years experience in providing the same product / services. Certificates of completions of works to be furnished		
2	Bidder should have supplied and installed at least one 20 kVA UPS system in the last 05 years.		
3	The bidder should have an authorized service partnership minimum of 05 years with the principal and should be in active status up to now.		
4	Offered Product should have a manufacture recognized Authorized Service Provider in Sri Lanka.		
5	The original and valid Manufacture Authorization letter should provide for each product category quoted.		
6	Bidder should be a company incorporated under companies Act No 07. Of 2007 in Sri Lanka .		
7	Bidder should provide audited financial statement for the last 2 years.		

Note: All Statement of Conformity should be supported by relevant proof documentation. Without such documentary support, the bid will be considered as non-responsive

I hereby certified above details are true and accurate.

Authorized signature :

With seal

Company Name :

Company Address :

Vat No :

Tel/Fax :

Contact Person :

Date :

Section IV. Schedule of Requirement

	Description	Expected delivery period	Bidder's Response
			"Yes" or "No"
01	Supplying Installation and Commissioning of 20 kVA UPS System (02No's)	Within 90 days from the award	
02	Supplying and Installation of AC System for the UPS Room	Within 45 days from the award	
03	Electrical wiring of UPS room at DLB Office.	Within 30 days from the award	

I hereby certified above details are true and accurate.

Authorized signature :

With seal

Company Name :

Company Address :

Vat No :

Tel/Fax :

Contact Person :

Date :

Section V. Technical Specification

1.1 Hardware Specification for UPS System

Description		Bidders Response	
		Yes/No	Remarks
Make			
Model			
Country of origin	Shall Be USA or European Country only		
Country Of Manufactured	Shall Be USA or European Country only		
Technology	Online double conversion		
Capacity (kVA/kW)	20kVA / 20kW		
Input			
Input Voltage	400VAC 3 Phase +N		
Input Voltage Range	320V-480V		
Input Frequency	50Hz/60Hz		
Frequency Tolerance	40-72 Hz		
Current Distortion	≤3%		
By Pass			
Rated Voltage	400Vac		
Number of Phase	3+N		
Bypass over load	110% Infinity, 125 for 60 min, 150% for 10 min		
Output			
Output Voltage	400Vac +N		
Rated Frequency	50Hz/60Hz		
Frequency stability of battery operation	0.01%		
Voltage stability	±1%		
Dynamic Stability	EN62040-3 class performance 1 nonlinear load		
Voltage Distortion	<1% with linear load, ≤1,5% with nonlinear load		
Output Power Factor	1 (Unity)		
Wave Form	Sine wave		
Efficiency	96.6%		
Battery bank	Internal battery bank (Manufactured by UPS manufacture)		
Battery Type	Sealed type maintenance free lead acid battery		
Backup time	30 minutes at 0.8 P/F loads		
Display & Alarm	Graphic touch screen Display		
Bypass	Automatic & manual		
Features	* Ability to add additional battery packs * SNMP Optional		

Section V. Technical Specification

General Information			
Temperature	0-40°C		
Relative Humidity	90° non-condensing		
Noise Level at 1m	<40dBA		
IP Rating	IP 20		
Warranty	Three years Comprehensive		

I hereby certified above details are true and accurate.

Authorized signature :

With seal

Company Name :

Company Address :

Vat No :

Tel/Fax :

Contact Person :

Date :

DLB intends to procure the UPS Systems as per the technical specification and invites sealed quotations for the same.

We would also like bidders to take note of the following,

We intend to use 20kVA UPS systems for building1 & building2 power supply and this need to be deployed in the ups rooms at each premises with **each should have 30 Minutes of backup time.**

1.3 SCOPE OF WORK

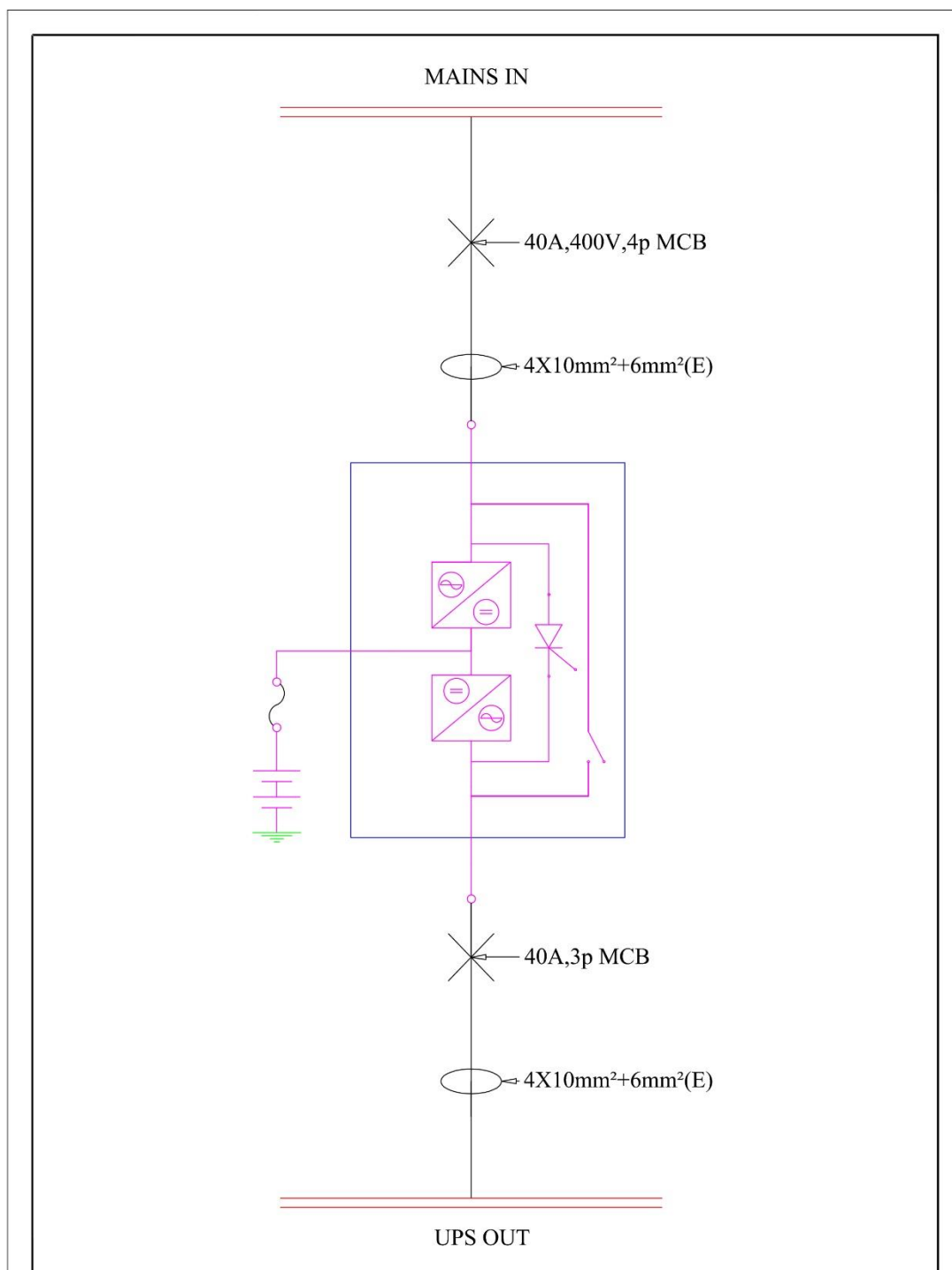
The selected bidder/UPS providers should ensure supply of all equipment's as per the timelines and SLA levels prescribed in the RFP. The bidder should have a 24x7x365 days support contact center (Colombo Sri Lanka) in order to log the calls. The contact center numbers should be provided to the DLB along with the escalation matrix mentioning the contact person's name, number and designation in the company.

1.4 INSTALLATION OF UPS SYSTEMS

1. The successful bidder shall supply and install the UPS systems at DLB premises
2. Terminate the cables properly at Input section, Output section and earthing.
3. Check the Single/Three phase power supply and earthing.
4. Identify/Tagged single/Three phase, Neutral and Earth properly. (R,Y,B,N,E)
5. Check the Input, Output, Earth-Neutral voltage, DC Bus and Individual battery voltage and mention the same in the Installation Report.
6. Asset Tagging — during installation, Engineer will share details of UPS asset creation.

Section V. Technical Specification

1.5 UPS Power Diagram



1.6 PREVENTIVE MAINTENANCE

The Bidder shall carry out preventive maintenance at **each quarterly** basis for the UPS covered under AMC and bidder should submit relevant report.

1.7 DOCUMENTATION AND MANUALS

One set of manuals on the operation of the UPS System to be provided.

1.8 Product Technical Specifications

The production line/unit/factory of the brand of UPS System being quoted should be ISO 9001:2008 and 14001 certified and the CE Certificate of the product offered with Model number mentioned on it has to be submitted.

- A. Microprocessor controlled, double conversion, true on-line with inbuilt transformer.
- B. Compact design.
- C. Floor mounted.
- D. SNMP interface & web enabled monitoring.
- E. Operating ambient temperature: 40 degrees Centigrade.
- F. Only copper wire and cables to be used.
- G. Input and output cables of up to 10 meter each to be provided by the vendor with the UPS system as per site requirement.

1.9 INPUT SPECIFICATION:

Controls:

1. Charger input MCCB
2. Battery circuit breaker (mounted separately in its own enclosure)
3. Inverter output MCCB
4. Bypass line Isolator
5. Maintenance by-pass isolator with line fuse
6. Alarm acknowledges/reset button
7. Inverter On-Off push button for manually switching off the inverter
8. Emergency off pushbutton

Section V. Technical Specification

Display: Digital Display Only

1. AC input /Bypass/ Inverter indications
2. Battery operation/ shut down indication
3. Load/over load indication
4. Fault indications
5. Mains Failure/low battery audible alarms
6. Output Voltage, current and frequency indication
7. Battery voltage, Charging /Discharging Current
8. Maintenance bypass ON
9. Low battery
10. DC overvoltage

Protections:

1. Input Overvoltage/under voltage
2. Surge protection.
3. Input Frequency variation protection
4. Output short circuit protection& Over-temperature protection
5. Low battery shutdown
6. Battery current limit
7. Manual as well as static bypass(both)
8. DC overvoltage
9. Phase loss on input side
10. Negative sequence on input side
11. HRC fuses in the control circuit
12. Charger input current limit

1.10 Installation

Installation will be deemed complete when all the UPS System as per technical specifications along with the accessories/software necessary to make the hardware functional are duly installed and commissioned.

1.11 Documentation and Manuals

One set of manuals for hardware supplied with each UPS System.

The Bidder must along with the equipment, supply all relevant manuals for the systems delivered / installed. The manuals shall be in English.

Unless and otherwise agreed, the equipment(s) shall not be considered to be completely Delivered for the

Purpose of taking over; until such manuals as may be necessary are provided to Purchaser
System manuals should include the specifications of the various equipment be supplied.

Section V. Technical Specification

1.12 Acceptance Test

DLB and/or an outside agency nominated by DLB will conduct an acceptance test on the hardware within a period of four weeks from the date of completion of installation and commissioning of hardware by the vendor. Acceptance test shall comprise of tests to verify conformity of technical requirements/specifications and performance. In case DLB is not satisfied with the above then, the vendor will upgrade /replace them with appropriate model. The exact details of acceptance test will be mutually decided after the installation of hardware.

1.13 Acceptance Certificate

On successful completion of acceptability test, receipt of deliverables, etc., and after the Purchaser (which shall not be deemed to be an obligation on the Purchaser) is satisfied with the working of the System, the Acceptance Certificate/ Installation Certificate. The date on which such certificate is signed shall be deemed to be the date of successful commissioning of the Systems.

1.14 Incidental Services

The incidental services to be provided pursuant to and in accordance with the Contract are as under:
Performance of on-site commissioning of the System;
Furnishing of services required for maintenance of the rendered Systems.
Furnishing manuals for each appropriate unit of the rendered Systems.
Maintenance / Support of the rendered equipment / services for the “Contract Period”, Provided that this shall not relieve the Bidder of any warranty period obligations under and in accordance with this Contract; and any other related services as the Purchaser may require and deem fit.

1.15 Warranty

The vendor will warrant the equipment's /components against defects arising out of faulty design, materials and workmanship for a period of 36 months support on 24 X 7 basis from the date of acceptance of entire hardware. Defective equipment shall be replaced by the vendor at his / her own cost, including the cost of transport, if any.

3 year's comprehensive onsite warranty from the date of installation.

The Bidder further represents and warrants that all equipment delivered rendered under and in accordance with this Contract shall have no defect, arising from design or from any act, error/defect or Omission of the Bidder.

Upon receipt of notice of such defect / error or deficiency, the Bidder shall, with all reasonable speed, Repair or replace the defective equipment or parts thereof, without cost to Purchaser.

1.16 Post warranty support

After the expiry of warranty, the UPS systems [excluding batteries] should be supported through comprehensive Annual Maintenance Contract (AMC).

1.17. Penalty during warranty period

- i. Any component in the UPS System that are reported to be down on a given date should be replaced (RMA) by substitute (of equivalent or higher configuration) within 72 hours , the reporting will be through a telephonic message or any other mode as DLB may decide.

Section V. Technical Specification

- ii. DLB reserves the right to levy/waive off penalty considering various circumstances at that point in time.
- iii. The Bidder shall execute and furnish to DLB, a deed of indemnity in favor of DLB in a form and manner as specified by DLB, indemnifying DLB, its directors, employees, agents and representatives from and against any costs, loss, damages, expense, claims, litigations, suits, actions, judgments, and or otherwise including but not limited to those from third parties or liabilities of any kind howsoever suffered, arising out of or incurred inter alia during and after the contract period including but not limited to third-party claims due to infringement of patent, trademark, Intellectual Property Rights, copy-rights or industrial drawings and designs arising from use of the services or any part thereof and/or otherwise. The Bidder shall provide an Undertaking as stipulated in Annexure III

1.18 Service Level Expectations (SLA)

During the warranty and AMC period the following service levels are expected to be maintained by the Vendor/Bidder.

- i. Consistent breach of Service levels by the Vendor/Bidder may lead to invocation of Clause for
“Termination for Default” iii. 99.99% uptime is expected for all devices and would be calculated on a quarterly basis.
- ii. Any problems/Issues / defects in UPS solution, enhancement requests reported to the vendor/bidder
should be categorized based on severity as follows:
 - Defective equipment shall be repaired / replaced and standby equipment provided thereto, by the bidder at his own cost, including the cost of transport if any.
 - In case of Dead on Arrival (DOA) case, Bidder should provide standby UPS until replacement is provided.
 - The Bidder shall provide to the engineer all normal toolkit and test equipment needed for the maintenance of the hardware.
 - To complete the work at the site within the stipulated timeframe, Vendor’s engineers may have to visit the site multiple times at no extra cost to the DLB.
 - The bidders should keep spare units at appropriate locations to meet the service level agreement (SLA) requirements. The address & number of units reserved should be indicated in the offer. This stock will be subject to periodic inspection by DLB. Noncompliance will invite penal action or disqualifications.
 - The successful Bidder must co-ordinate with all back-end vendors for proper delivery and installation of the equipment at installation location.
 - Necessary road permits and way bills required for transportation and delivery of all the equipment should be arranged by the Bidder / Vendor.
 - The successful Bidder shall appoint one engineer as a single point of contact for coordination purposes.
 - Shifting Support: In case DLB wishes to shift any of the UPS system from one place to another, in the same premises, bidder’s engineer shall be made available on the site for the purpose of dismantling, pre-shifting inspection, post-shifting inspection, installation etc. DLB shall not be responsible and shall not be liable to pay for any losses, costs, expenses, damages and/or

Section V. Technical Specification

otherwise incurred on account of any damage to the items of equipment's, tools and machinery while such shifting is being carried out.

- Report: Reports of availability, performance, incident management, for all Systems shall be submitted on monthly basis to DLB. Quarterly review shall be conducted for all Service Level Agreements.

System Maintenance & Support services will include the following activities.

- a. 24 x 7 online support

For RMA (Return Material Authorization) the turnaround expected is as below, RMA Support should be valid for

24x7 with a response time of 4 hours.

Draft

UPS Room Electrical Wiring

Technical Specification		
Goods & related Services offered within Sri Lanka (in Sri Lankan Rupees)		
Line Item No.	Description of Goods or related Services	Qty
A.1	Supply and installation of "MDB - SERVER ROOM" As per SLD	1.00
A.2	Supply and laying of feeder cables from Basement MSB - Server Room MDB Using GI Conduit. 4C 16mm Cu/XLPE/PVC CABLE + 16mm E	1.00
A.3	Supply and laying of feeder cables from Server Room MDB - Building UPS Using PVC Conduit/ PVC Covering materials. 4x10mm Cu/PVC/PVC CABLE + 10mm E	1.00
A.4	Supply and laying of UPS IN & OUT cables using PVC Conduit/ PVC Covering materials. 4x10mm Cu/PVC/PVC CABLE + 10mm E	1.00
A.5	Allow for Testing and Commissioning of complete electrical system and entire satisfaction of the Engineer including submission of technical literature and maintenance manual.	1.00
A.6	Allow for submission of three sets of Shop Drawings including conduit layouts, cable plan, panel details prior to commencement of construction work. for approval. of the Consultant.	1.00
A.7	Allow for submission of three sets of As Built Drawings, Technical Information's, Design Details, Maintenance Manuals and other technical literature at commissioning of the system, for approval of the Consultant.	1.00
A.8	Allow for builder's work in connection with including following items making openings in floor slab and walls, masonry work, making good to chasings & all other builder's work not stated above.	1.00
A.9	Allow for (Specify) any other item not specified herein, but required to complete the project and to operate the proposed solution (UPS,UPS Room) to satisfactory level/order. (The Tenderer shall submit all details quoted for if this item is priced.)	1.00
A.10	Testing & Commissioning, Shop Drawings & As Built Drawings	1.00
A.11	Testing and Commissioning	1.00
A.12	Builder's work	1.00

Section V. Technical Specification

	Special Notes
1.0	The scope herein shall cover Data Centre.
2.0	The Tenderer is requested to visit the site prior to provide pricing of all items
3.0	The Tenderer is requested to refer the Bill of Quantities, General Note, Pricing Preambles, Drawing, Specification, Conditions of contract, Special Conditions of contract and other relevant documents prior to pricing of items in this trade.
4.0	Rates shall include for supply, installation, commissioning and maintaining during the defect liability period of the following items. F
5.0	Rates for all components and equipment shall include for: Importation, clearing, transportation to site and installation at given position.
6.0	The Tenderer shall provide a schedule of all builder's work in connection with and detail of the same as necessary along with the Tender.
7.0	All Electrical works carried out shall comply with the latest local authority standard code of practice.
8.0	The Tenderer shall submit the detail of make quoted for and relevant model no., for each type of fittings with the Tender.
9.0	Testing installation as required by the Engineer and submission of certification of conformation of electrical installations to BS and IEE/IET regulation by chartered electrical Engineer registered with the utility.
10.0	All materials, equipment wiring and workshop shall confirm to local codes, specifications, BS standards / latest IEE regulations specifications.
11.0	The Tenderer shall submit the following information on the items/equipment/ fittings quoted for together with the Tender. a. Make b. Model No. c. Technical data d. Country of manufacture e. Delivery period f. Lead time for manufacturing g. Optional items and their additional cost. (Additional cost to be submitted separately) i. Schedule of rates for after sales service j. Format of after sales agreement
12.0	Note: Length of Cables followed are tentative, which may subject to change based on the revisions on panels / equipment locations. All the cable lengths should be confirmed as per the site condition.
13.0	Rate for all electrical panels shall include for supply and installation of all necessary MCCB's, MCB's, DPA indicator lamps, hardware accessories, bus bars, inter connecting copper bus bars, internal wiring with standard colour code and identification, switch gear supporting accessories steel channels and necessary fixing accessories, aligning and grounding the panel interconnections, earth bars and panel board door earthing with fully enclose metal clad panels complete as shown in drawing, labeling and comply with the specifications, interfacing with if any building automation system, IEE regulations and all complete to working order to the approval of the engineer and relevant local authorities.
14.0	Earth bars of all panel boards shall be properly bonded to the earthing ring system.
16.0	Exposed conduits used for outdoor wiring in any area which are vulnerable to mechanical damage shall be done using GI conduits.
17.0	Internal Wiring to be done in PVC conduits or PVC Covering materials.

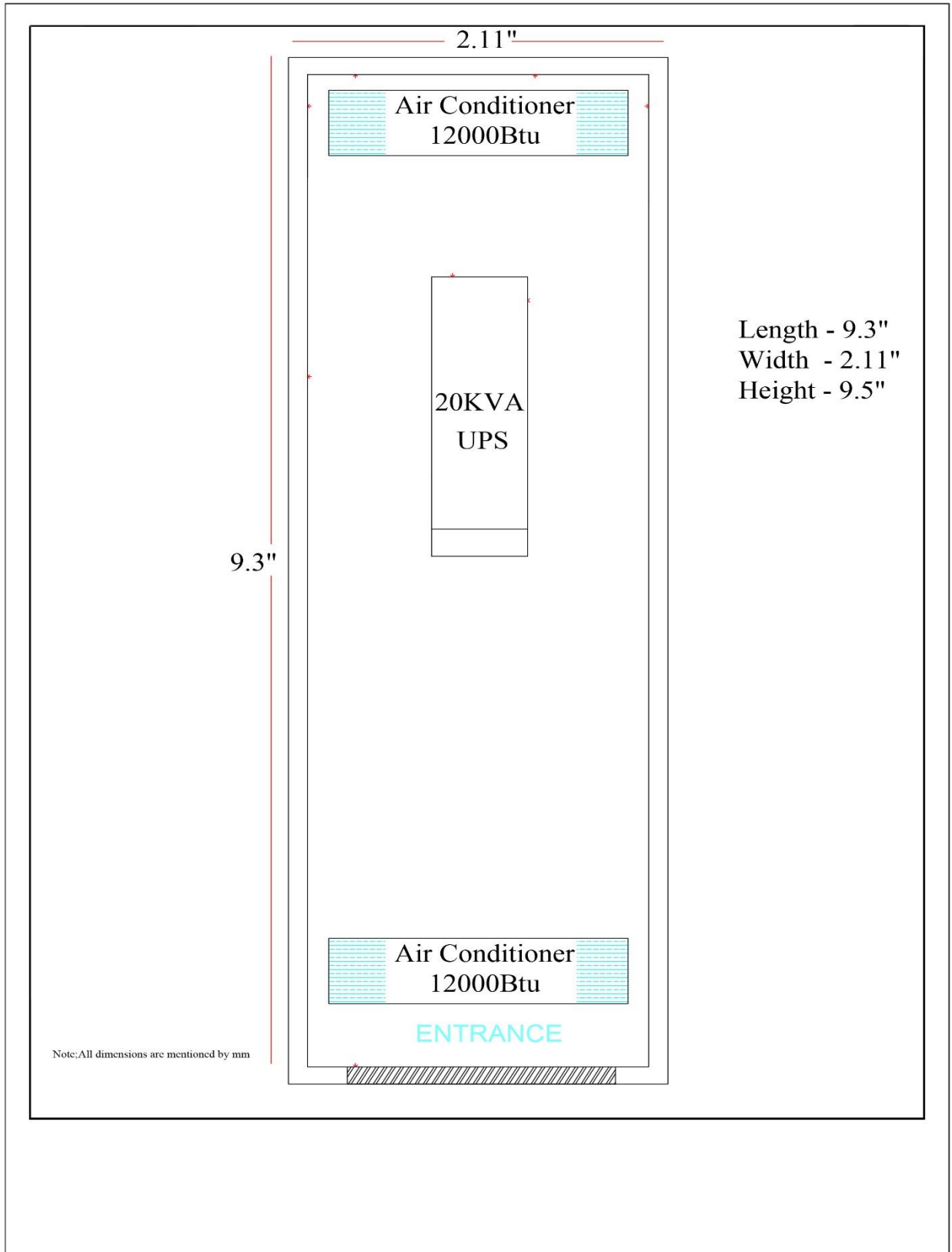
Section V. Technical Specification

	Panel Boards
18.0	Rate for all electrical panels shall include for supply and installation of all necessary hardware for the proper operation, MCCBs, MCB's, RCCB's, indicator lamps, KWh meters, bus bars, inter connecting copper bus bars, internal wiring with standard color code and identification system, switch gear, displaying unit, selectors, supporting accessories steel channels and necessary fixing accessories, supporting brackets and accessories, earthing bus bars, panel board earthing system, enclosed with metal clad enclosures and as per specifications, drawings, I.E.E. regulations, manufacture's recommendation and complete with all working order to the approval of the engineer and relevant local authorities.
19.0	Rate shall include enclosed with metal clad enclosures as per specifications and manufacturer's recommendation.
20.0	All panel boards shall be constructed in such a way that no live parts or thermals are exposed when the panel doors are opened.
21.0	Earth bars of all panel boards shall be properly bonded to the underground earthing ring system.
22.0	All the spare ways in DBs shall be equipped.
	Feeder cables
23.0	Rate shall include for all necessary works/ accessories such as galvanized brackets, supporting materials, fittings, nails, cable ties, earthing, etc., trays shall be of required sizes, to the satisfaction of Engineer.
24.0	All outdoor cable to be done through GI Conduits.

3.0 Hardware Specification for A/C Units

Description		Bidders Response	
		Yes/No	Remarks
Type	Wall Mounted - Standard		
Refrigerant	Bidder should be specified		
Rated Power Supply (Volts/Hz/Phase)	230 / 50 / 1 Phase		
Rated Cooling Capacity (BTU/Hr)	12000 BTU		
Display	LED Display		
On/Off Timer	Yes		
Auto Restart	Yes		
Sleep Mode	Yes		
Turbo	Yes		
Swing	Yes		
Remote Control	LCD Remote		
Dimension (IDU) (W X H X D)	Bidder should specified		
Dimension (ODU) (W X H X D)	Bidder should specified		
Net Weight (IDU)	Bidder should specified		
Net Weight (ODU)	Bidder should specified		
Country Of Origin/Manufacturer	Bidder should specified		

3.1 Scope of work



3.2 Scope of Work:

- 1.1 Supply, installation, commissioning and testing of split ACs using proper tools and procedures
- 1.2 Refinishing/closing of all holes/penetrations, done for the installation of the ACs, by the supplier using his material, manpower and tools
- 1.3 Supply of O&M manual

- 1.4 AC units should be automatically transferred between in regular time

3.3 Special Requirements:

- 1.5 Installation site distance between Indoor Unit and Outdoor Unit is about **15 meters**, therefore normal supply of copper tubing, insulation pipe and water drain pipe shall be accordingly.
- 1.6 Electrical connection for ACs shall be done with suitable rating of Electronic Shock Guard - ELCB + MCB + RCCB
- 1.7 Cost of tubing shall be included in the Installation charges shall be quoted separately.

Section VI. Company Profile

Company Details

1. Name : -
2. Address :-
3. Telephone / Fax :-
4. Email : -
5. Contract person : -
6. Company registered Year:-
7. Vat No :-
8. Customer List (only for UPS System) :- (To be attached)

Customer Name with Contract No	Item	Brand	Model	Qty Sold	Value	Date

(Details can be attached with the bid)

Staff details after sale services

.....
.....
.....

All details are true and accurate

.....
Authorized Signature
(with seal)

.....
Date

Section VII. Bid form

Development lotteries Board

Bid Form

The Chairman,
Minor Procurement Committee,
Development Lotteries Board,
No. 356, Colvin R. De Silva Mw,
Colombo 02, Sri Lanka

Supplying Installation Commissioning of 20 kVA UPS System

I / We, the undersigned, having read and fully acquainted myself/ourselves with the contents of the "Information and Instructions to bidder and Terms and Conditions of Bid" pertaining to the above bid, along with annexure/Schedule, thereto, hereby undertake to Supplying of referred to therein, in accordance with the aforesaid Instructions, Terms and Conditions for a total Bid Price of The makeup of the aforesaid total Bid Price is given in the accompanying Price Schedule annex 2.

I / We confirm that this offer shall be opened for acceptance until and that it will not be withdrawn or revoked prior to that date.

I / We attach hereto the following documents as part of my / our Bid:

1. Price Schedule
2. Documentary evidence to establish eligibility to bid.
3. Any other documents – (Experience certificate, etc.)
4. Bid security guarantee

I / We understand that you are not bound to accept the lowest tender and that you reserve the right to reject any or all tenders or to accept any part of a bid without assigning any reasons thereof .

We undertake to adhere to the Delivery terms.

My / Our Bank Reference is as follows :

Signature of bidder :

Name of Bidder :

Address :

Fax :

Date :

Section VIII: Price Schedules

Summery Sheet

	Item Description	Total value of BOQ (Without Vat)
a)	Supplying, Installation and Commissioning of 20 kVA UPS System	
b)	Supplying, Installation and Commissioning of AC System	
c)	Electric wiring of UPS room	
	Total	
	+ VAT 15%	
	Grand Total with Vat	

I hereby certified above details are true and accurate.

Authorized signature :

With seal

Company Name :

Company Address :

Vat No :

Tel/Fax :

Contact Person :

Date :

Section VIII. Price Schedules

a).Price Schedule – UPS systems

Line Item No.	Description of Goods or related services	Qty	Unit	Brand	Model	Country of Origin	Country of manufacture	Unit price (Excluding VAT)	Total Price Excluding VAT
1	Supplying of 20kVA UPS	02	Nos						
2	Installation & Commissioning								
3	SLA for 3 years								
Total									
+ Vat 15%									
Grand Total with Vat									

b).Price Schedule – UPS Room Electrical Wiring

Price schedule					
Goods & related Services offered within Sri Lanka (in Sri Lankan Rupees)					
Ln	Description of Goods or related Services	Qty	Unit	Unit Price	Total Price Excluding VAT
A.1	Supply and installation of "MDB - SERVER ROOM" As per SLD	1.00	Item		
A.2	Supply and laying of feeder cables from Basement MSB - Server Room MDB Using GI Conduit. 4C 16mm Cu/XLPE/PVC CABLE + 16mm E	1.00	Item		
A.3	Supply and laying of feeder cables from Server Room MDB - Building UPS Using PVC Conduit/ PVC Covering materials. 4x10mm Cu/PVC/PVC CABLE + 10mm E	1.00	Item		
A.4	Supply and laying of UPS IN & OUT cables using PVC Conduit/ PVC Covering materials. 4x10mm Cu/PVC/PVC CABLE + 10mm E	1.00	Item		
A.5	Allow for Testing and Commissioning of complete electrical system and entire satisfaction of the Engineer including submission of technical literature and maintenance manual.	1.00	Item		
A.6	Allow for submission of three sets of Shop Drawings including conduit layouts, cable plan, panel details prior to commencement of construction work. for approval. of the Consultant.	1.00	Item		
A.7	Allow for submission of three sets of As Built Drawings, Technical Information's, Design Details, Maintenance Manuals and other technical literature at	1.00	Item		

	commissioning of the system, for approval of the Consultant.				
A.8	Allow for builder's work in connection with including following items making openings in floor slab and walls, masonry work, making good to chasings & all other builder's work not stated above.	1.00	Item		
A.9	Allow for (Specify) any other item not specified herein, but required to complete the project and to operate the proposed solution (UPS, UPS Room) to satisfactory level/order. (The Tenderer shall submit all details quoted for if this item is priced.)	1.00	Item		
A.10	Testing & Commissioning, Shop Drawings & As Built Drawings	1.00	Item		
A.11	Testing and Commissioning	1.00	Item		
A.12	Builder's work	1.00	Item		
Total					
+ Vat 15%					
Grand Total with Vat					

c).Price Schedule – UPS Room AC Units

Line Item No.	Description of Goods or related services	Qty	Unit	Brand	Model	Country of Origin	Country of manufacture	Unit price (Excluding VAT)	Total Price Excluding VAT
1	Supplying of 12 000 BTU A/C	02	Nos						
2	Installation & Commissioning								
Total									
+ Vat 15%									
Grand Total with Vat									

I hereby certified above details are true and accurate.

Authorized signature :

With seal

Company Name :

Company Address :

Vat No :

Tel/Fax :

Contact Person :

Date :

Section IX. Bid Security

SPECIMEN FORM OF BID SECURITY

----- [insert issuing agency's name, and address of issuing branch or office] ---

Beneficiary: ----- [insert (by PE) name and address of Employer/Purchaser]

Date: ----- [insert (by issuing agency) date]

BID GUARANTEE No.: ----- [insert (by issuing agency) number]

We have been informed that ----- [insert (by issuing agency) name of the Bidder; if a joint venture, list complete legal names of partners] (hereinafter called "the Bidder") has submitted to you its bid dated ----- [insert (by issuing agency) date] (hereinafter called "the Bid") for the execution/supply [select appropriately] of [insert name of Contract] under Invitation for Bids No.

----- [insert IFB number] ("the IFB").

Furthermore, we understand that, according to your conditions, Bids must be supported by a Bid Guarantee.

At the request of the Bidder, we ----- [insert name of issuing agency] hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of ----- [insert amount in figures] ----- [insert amount in words] upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation(s) under the bid conditions, because the Bidder:

(a) has withdrawn its Bid during the period of bid validity specified; or

(b) does not accept the correction of errors in accordance with the Instructions to

Bidders (hereinafter "the ITB") of the IFB; or.

(c) having been notified of the acceptance of its Bid by the Employer/Purchaser during the period of bid validity, (i) fails or refuses to execute the Contract Form, if required, or (ii) fails or refuses to furnish the Performance Security, in accordance with the ITB.

This Guarantee shall expire: (a) if the Bidder is the successful bidder, upon our receipt of copies of the Contract signed by the Bidder and of the Performance Security issued to you by the Bidder; or (b) if the Bidder is not the successful bidder, upon the earlier of (i) our receipt of a copy of your notification to the Bidder that the Bidder was unsuccessful, otherwise it will remain in force up to --- (insert date)

Consequently, any demand for payment under this Guarantee must be received by us at the office on or before that date. _____

.....

[Signature of authorized representative(s)]

Section X: performance Security

SPECIMEN FORM OF PERFORMANCE BANK GUARANTEE

----- [Issuing Agency's Name, and Address of Issuing Branch or Office] -----

Beneficiary: ----- [Name and Address of Employer] -----

Date: -----

PERFORMANCE GUARANTEE No.: -----

We have been informed that ----- [name of Contractor/Supplier] (hereinafter called "the Contractor") has entered into Contract No. ----- [reference number of the contract] dated ----- with you, for the ----- [insert "construction"/ "Supply"] of ----- [name of contract and brief description of Works] (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the Contractor, we ----- [name of Agency] hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of ----- [amount in figures] (-----) [amount in words], such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of your first demand in writing accompanied by a written statement stating that the Contractor is in breach of its obligation(s) under the Contract, without your needing to prove or to show grounds for your demand or the sum specified therein.

This guarantee shall expire, no later than the Day of, 20... [insert date, 28 days beyond the scheduled contract completion date] and any demand for payment under it must be received by us at this office on or before that date.

[signature(s)]

Manufacturer's Authorization

[If requested under ITB clause 7.3, the Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated.]

Date:

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and supply the goods.

We hereby extend our full guarantee and warranty, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on ____ day of __, ____/in

Section XII: Agreement

Agreement

THIS AGREEMENT made the 00th Day of XX XXX 2022 Between the Development Lotteries Board duly incorporated under Parliament Act No 20 of 1997 of Sri Lanka and having its registered office at No 356, Dr. Colvin R De Silva Mawatha, Colombo 02, Sri Lanka (hereinafter "The Purchaser") of the one part and having its registered office at (Hereinafter "The Supplier") of the other part.

WHEREAS the Purchaser invited bids for the supply of..... and Related Services, viz., has accepted a Bid by the supplier for the supply of those Vehicles and Related Services in the sum of (without tax).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

01. In this Agreement words and expressions shall have the same meaning as are respectively assigned to them in the Conditions of bid referred to.

02. The following documents shall be deemed to form and be read and Construed as part of this Agreement, viz.

1. Award of Contract
2. Bid submission Sheet and Price Schedule
3. Special Conditions of the Contract
4. General Conditions of the Contract
5. The schedule of supply
6. Workshop Facilities
7. Documentary evidence to establish eligibility to bid.
8. Any other documents – (Experience certificate, etc.)

This shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

03. In consideration of the payments to be made by the Purchaser to the Supplier as indicated in this agreement, the Supplier hereby covenants with the supplier to provide the and Related Services to remedy defects therein in conformity in all respects with the provisions of the Contract.

04. The Purchaser hereby covenants to pay the supplier in consideration of the provision of the and Related Services and the remedying of defects

therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with laws of Sri Lanka on the day, month and year indicated below.

.....
Chairman / CEO
Development Lotteries Board

.....
Working Director
Development Lotteries Board

Witness: 1.....

Manager
..... Limited

Witness: 1.....

Draft