

Open Advertised Bidding

Supply of CNC Machines & Other Electronic Equipment

Procurement Reference No: OAB/CMOEE/13112001

Letter of Invitation

13 November 2020

To: Bidders

Dear Sir/Madam,

Invitation for Bids for Supply of CNC Machines & Other Electronic Equipment

Procurement Ref. No: OAB/CMOEE/13112001

The SME Mauritius Ltd invites you to submit your best bid for the items described in details hereunder. Any resulting contract shall be subject to the terms and conditions referred to in the document.

Queries, if any, should be addressed to the undersigned at SME Mauritius Ltd, 3rd Floor, Pope Hennessy Building, 25, Pope Hennessy street, Port Louis.

Please prepare and submit your bid in accordance with the instructions given.

Yours faithfully,



C.H.T. Chung Fa
for Chief Executive Officer
SME Mauritius Ltd

SECTION I: INVITATION FOR BIDS

1. Preparation of Bids

You are requested to quote for the items mentioned in Section III by completing, signing and returning:

- (a) the Bid Letter in Section II with its annex for Bid Securing Declaration, where applicable;
- (b) the Specifications and Performance requirements in Section III;
- (c) the Priced Activity Schedule in Section IV;
- (d) the Specifications and Compliance Sheet in section V; and
- (d) any other attachment(s) deemed appropriate.

2. Validity of Bids

The Bid validity period shall be **180** days from the date of submission of bid's deadline.

3. Delivery Period

Delivery period shall be within **eight (8) weeks** as from letter of award of contract. Deviation in delivery period will not be accepted.

4. Sealing and Marking of Bids

Bids should be sealed in a single envelope, clearly marked with the Procurement Reference Number, addressed to **SME Mauritius Ltd** with the Bidder's name at the back of the envelope.

5. Submission of Bids

Bids should be deposited in the Tender Box located at **SME Mauritius Ltd, 3rd Floor, Pope Hennessy Building, 25, Pope Hennessy street, Port Louis, not later than 27 November, 2020 before 14:00 hrs.** Late bids will be rejected.

Bids received by e-mail, by fax or by post will not be considered.

6. Bid Opening

Bids will be opened by **SME Mauritius Ltd, 3rd Floor, Pope Hennessy Building, 25, Pope Hennessy Street, Port Louis, on 27 November, 2020 at 14:10 hrs.** Bidders or their representatives may attend the Bid Opening, if they choose to do so.

7. Evaluation of Bids

SME Mauritius Ltd shall have the right to request for clarifications during evaluation. Offers that are substantially responsive shall be compared on the basis of price, to determine the lowest evaluated bid.

8. Eligibility Criteria

To be eligible to participate in this Bidding exercise, you should:

- (a) have the legal capacity to enter into a contract to supply the goods and related services;
- (b) not be insolvent, in receivership, bankrupt, subject to legal proceedings for any of these circumstances or in the process of being wound up;
- (c) not have had your business activities suspended;
- (d) not have a conflict of interest in relation to this procurement requirement; and
- (e) have a valid trading licence.

9. **Documents Establishing Conformity of Goods and Related Services**

Bidders shall submit along with their bids the documents marked hereunder:

(a)	Documents to establish conformity of goods with requirements highlighting deviation(s).	<input checked="" type="checkbox"/>
(b)	A list of sources and prices of spare parts, consumables and special tools, etc., to ensure continuous functioning of the Goods.	<input checked="" type="checkbox"/>
(c)	Documentary evidence to prove that any alternative goods offered other than the one specified is equivalent or superior.	<input checked="" type="checkbox"/>
(d)	Evidence of the bidder's technical capacity to be furnished by one or more of the following means: (i) a list of the main deliveries effected in the past three years. (ii) Any Quality Assurance Certificate from a recognised body attesting the conformity of the goods with respect to specifications conformity. (iii) Three clients' references for similar machines/equipment. (iv) Proof of having worked on similar projects. (v) Proof of Industry Experience.	<input checked="" type="checkbox"/>
(e)	Financial Statements for the last three years, if available.	<input checked="" type="checkbox"/>
(f)	(i) Established address of Business (Office/Showroom) from which bidder operates. (ii) Number of years in business (Certificate of Incorporation, Business Registration Card).	<input checked="" type="checkbox"/>

10. **Technical Compliance**

Bidders shall submit along with their bid documents, catalogues and any other literature to substantiate compliance with the required specifications and to qualify deviations, if any, with respect to Purchaser's requirements.

11. **Prices and Currency of Bids.**

Bids shall be priced in Mauritian Rupees.

12. **Bid Securing Declaration**

Bidders are required to submit a Bid Securing Declaration for this procurement process

13. **Award of Contract**

The Bidder having submitted the lowest evaluated responsive bid and qualified to supply the goods items and related services shall be selected for award of contract. Award of contract shall be by issue of a Purchase Order/Letter of Acceptance.

14. **Performance Security**

The successful bidder shall upon acceptance of its offer submit a Performance Security as per the format contained in the Schedule for an amount of **10 %** of the contract price.

15. Notification of Award and Debriefing

SME Mauritius Ltd shall after award of contract, exceeding Rs 1 million, promptly inform all unsuccessful bidders in writing of the name and address of the successful bidder and the contract amount.

Furthermore, SME Mauritius Ltd shall attend to all requests for debriefing for contract exceeding Rs 1 million, made in writing within 30 days the unsuccessful bidders are informed of the award.

16. Integrity Clause

SME Mauritius Ltd commits itself to take all measures necessary to prevent corruption and ensures that none of its staff, personally or through his/her close relatives or through a third party, will in connection with the bid for, or the execution of a contract, demand, take a promise for or accept, for him/herself or third person, any material or immaterial benefit which he/she is not legally entitled to.

17. Rights of SME Mauritius Ltd

SME Mauritius Ltd reserves the right:

- (a) to **split the contract**;
- (b) to accept or reject any bid; and
- © to cancel the bidding exercise prior to award of contract without incurring any liability whatsoever.

SECTION II: BID LETTER

(to be completed by Bidders)

[Complete this form with all the requested details and submit it as the first page of your bid with the Price list and documents requested above. A signature and authorisation on this form will confirm that the terms and conditions of the OAB prevail over any attachments. If your bid is not authorised, it will be rejected.]

Bid addressed to:	SME Mauritius Ltd
Procurement Reference Number:	OAB/CMOEE/13112001
Subject Matter of Procurement:	Supply of CNC Machines & Other Electronic Equipment

- (a) We offer to supply the items listed in Sections III and IV as per the defined specification, and, in accordance with the terms and conditions stated in your Invitation for Bids referenced above.
- (b) We confirm that we are eligible to participate in this Quotation exercise and meet the eligibility criteria specified in Section 1: Invitation for Bids.
- (c) We undertake to abide by the Conduct of Bidders and Suppliers as provided under section 52 of Public Procurement Act during the procurement process and the execution of any resulting contract.
- (d) We have read and understood the content of the Bid Securing Declaration (BSD) attached hereto and subscribe fully to the terms and conditions contained therein. We further understand that this subscription shall be construed as a Bid Securing Declaration which could lead to disqualification on the grounds mentioned in the BSD.
- (e) The validity period of our Quotation is **180 days** from the date of the bid submission deadline.
- (f) We confirm that our quoted prices in the Priced Activity Schedule are fixed and firm and will not be subject to revision or variation, if we are awarded the contract **prior to the expiry** date of the Bid validity.
- (g) The delivery period offered, from the date of issue of Purchase Order/ Letter of Acceptance, is as shown in Section III.
- (h) We have taken steps to ensure that no person acting for us or on our behalf will engage in any type of fraud and corruption during our participation in the bidding process and we commit ourselves to observe the same principles if awarded the contract and during its execution.

We understand that transgression of the above is a serious offence and appropriate actions will be taken against such bidders/suppliers.

Bid Authorised by:

Name of Bidder		Company's Address and seal	
Contact Person			
Name of Person Authorising the Bid:		Position:	Signature:
Date		Phone No./E-mail	

Appendix to Bid Letter

BID SECURING DECLARATION

By subscribing to the undertaking in the Bid letter:

I/We* accept that I/we* may be disqualified from bidding for any contract with any Public Body for the period of time that may be determined by the Procurement Policy Office under section 35 of the Public Procurement Act, if I am/we are* in breach of any obligation under the bidding conditions, because I/we*:

- (a) have modified or withdrawn my/our* bid after the deadline for submission of bids during the period of bid validity specified by the me/us in the Bid letter; or
- (b) have refused to accept a correction of an error appearing on the face of the bid; or
- (c) having been notified of the acceptance of our bid during the period of bid validity, (i) have failed or refused to execute the Contract, if required, or (ii) have failed or refused to furnish the Performance Security, in accordance with the Instructions to Quote.

I/We* understand this Bid Securing Declaration shall cease to be valid (a) in case I/we am/are the successful bidder, upon our receipt of copies of the contract signed by you and the Performance Security issued to you by me/us ; or (b) if I am/we are* not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our* bid.

In case of a Joint Venture, all the partners of the Joint Venture shall be jointly and severally liable:

Name of Bidder		Company's Address and seal	
Contact Person			
Name of Person Authorising the Bid:		Position:	Signature:
Date		Phone No./E-mail	

SECTION III: SPECIFICATIONS AND PERFORMANCE REQUIREMENTS

1. Scope of Supply

SME Mauritius Ltd proposes to acquire CNC Machines and Other Electronic Equipment. The successful bidder will have to cater in its costs the delivery of all the items to SME Mauritius Ltd, Coromandel, Mauritius. The bill of quantities includes a section for installation and commissioning of all the items. The machines/equipment's details are as per the following table.

S/N	Machines/Equipment
1	<p>CNC - 5 Axis Machining Center (Metal)</p> <p>Travels X Axis 400 mm <= Minimum Y Axis 300 mm <= Minimum Z Axis 300 mm <= Minimum</p> <p>SPINDLE Max Speed: 2,000 rpm (15K HSK-63A opt.) <= Minimum</p> <p>B AXIS - TILT Travel: 120 ° to 35- ° <= Minimum</p> <p>C AXIS - ROTATION Travel: 360 ° <= Minimum</p> <p>PLATTER Platter Diameter: 300 mm <= Minimum Max Weight on Platter: 200 kg <= Minimum</p> <p>TOOL CHANGER <= Mandatory Capacity: 24 <= Minimum</p> <p>GENERALS Coolant Capacity: Must be enough</p> <p>ELECTRICAL SPECIFICATION Input AC Voltage & Full Load Amps (3 Phase)</p>
2	<p>CNC - 4 Axis Machining Center (Metal)</p> <p>Travels X Axis 400 mm <= Minimum Y Axis 300 mm <= Minimum Z Axis 300 mm <= Minimum</p> <p>SPINDLE Max Speed: 2,000 rpm (15K HSK-63A opt.) <= Minimum</p> <p>PLATTER Platter Diameter: 300 mm <= Minimum Max Weight on Platter: 200 kg <= Minimum</p> <p>TOOL CHANGER <= Mandatory Capacity: 24 <= Minimum</p> <p>GENERALS Coolant Capacity: Must be enough</p> <p>ELECTRICAL SPECIFICATION Input AC Voltage & Full Load Amps (3 Phase)</p>

3	<p>CNC Working Station</p> <p>DESCRIPTION</p> <p>Working Table Dimension: 1220*2440mm <= Mandatory Vacuum Area: Four vacuum areas <= Vacuum is Mandatory Spindle Speed: 0-20000RPM <= Minimum</p> <p>Accessories</p> <p>Tool Changers: 5 <= Minimum</p> <p>Material Thickness:</p> <p>Wood: 10cm Light Metal: 4cm ABS: 10cm</p>
4	<p>Sandblaster Cabinet</p> <p>Blasting cabinet size: 930x600x600/350mm <= Minimum</p> <p>Min. Pressure: 6bar <= Minimum</p> <p>Voltage: 230V, 50Hz or 3-Phase</p>
5	<p>3D Printer</p> <p>Technical parameters</p> <p>Nozzle diameter kit: 0.2 -> 0.8 mm <= Mandatory Print range: 280 mm diameter, height 600 mm <= Minimum Power input: 220V DC 400W 24V (With heat bed) <= Minimum with power supply Equipped with LCD screen <= Important for Control Printing filament: PLA, Flexible PLA, Wood, Nylon, HIPS and ABS (With Heat bed) <= Mandatory</p> <p>Performance parameter: Print thickness of 0.05 mm to 4 mm <= Mandatory</p>
6	<p>Soldering Machine Station</p> <p>SPECIFICATIONS</p> <p>Power: 75 Watt <= Required Control: Digital Control Display of Temp. <= Required Accessories: Solder Roll Holder, Brass Tip Cleaner with Supply of Cleaning Flux & Wet Sponge. Helping Hands <= Required Temperature: 90Deg C -> 480Deg C <= Required</p>
7	<p>Oscilloscope</p> <p>SPECIFICATIONS</p> <p>Bandwidth: 100 MHz - 1 GHz <= Minimum Analog Channels: 4 <= Minimum Digital Channels: 10 <= Minimum Sample Rate: 2.5 GS/s <= Minimum</p>
8	<p>Power Supply *</p> <p>SPECIFICATIONS</p> <p>Output voltage: 1-18V AC/DC in 1V steps Current output: 6A maximum (combined AC/DC) <= Minimum Resettable short circuit protection <= Important</p> <p>*: Needs Two</p>

9	<p>Waterjet Cutter</p> <p>Application: Metal, Rubber, Ceramic, Glass, Stone, Plastic, Leather, Other <= Mandatory</p> <p>Type: Three-Axis <= Mandatory</p> <p>Cut Dimension: 1200x2400mm <= Mandatory</p> <p>Cutting accuracy: ±0.1mm <= Mandatory</p> <p>Cutting Thickness: 100 mm for Rubber, Plastic, Leather 50mm for metal/glass/stone/ceramic</p>
10	<p>Vacuum Former Machine</p> <p>Plastic Type: PE, PP, PVC, PET, PS, Hips, PMMA, PET, PVC, PP, PS, PC, ABS, PETG, CPET, HIPS</p> <p>Max.Forming Height(mm): 150 mm <= Minimum</p> <p>Forming Width (mm): 500 mm <= Minimum</p> <p>Forming Length (mm): 600 mm <= Minimum</p> <p>Power Supply: 220v--420v</p> <p>Max.forming size: 500*600mm <= Minimum</p> <p>Material thickness: 0.1-2.0MM <= Maximum</p>
11	<p>Arduino Starter Kit Multi-Language *</p> <p>*: Needs four</p>
12	<p>Elegoo UNO Project Super Starter Kit *</p> <p>*: Needs four</p>
13	<p>Computers for CAD Softwares *</p> <p>Specifications</p> <p>Processor: i7</p> <p>Memory: 32Gb</p> <p>Storage: SSD 1Tb</p> <p>Operating System: Windows 10 Pro</p> <p>Backup HDD: Yes</p> <p>Monitors: 2 of 21"</p> <p>Video Card: 256Mb VRAM</p> <p>Antivirus License for one year</p> <p>One License of Autocad (to be installed on one of the three computers)</p> <p>*: Needs three</p>
14	<p>Precision Lathe Machine</p> <p>Working Size: 1m long and 20cm diameter</p> <p>With Water Coolant System</p> <p>Mono or 3-Phase</p>

All machines/equipment shall comply with the **latest European standards** and the same shall be **indicated in the offer**. **Warranty period** for each machine/equipment is to be mentioned by the bidder. The bidder may price for additional tools they deem necessary for the project provided they give the price breakdown of each of them separately as Annex.

2. Electrical Power Supply

The bidder should indicate each machine/equipment's corresponding power (Voltage and Wattage) requirement in the bidding document. Power supply is available on site. All electrical cables forming part of the machines/equipment shall be supplied by the successful bidder. The feeder cables from the main distribution board to the machines/equipment shall be the client's scope.

3. Technical Data

The dimensions, layout and power rating of each equipment shall be submitted at bid submission stage.

The routine tests/maintenance to be carried out on each equipment must be detailed in the bid so that the client can know the cost of running such machine/equipment. All machines/equipment shall be delivered with technical manuals (operation and maintenance) / catalogues and electrical schematics as appropriate, if any. The brands/models of the machines/equipment and sub-machines/equipment shall be clearly mentioned in the technical data sheets.

4. Training

Training (minimum 3 months) shall be provided to at least 2 SME Mauritius Ltd.'s personnel for inspection, operation and maintenance of the machines/equipment. The training shall also include the basic troubleshooting and methods of problem prevention. **This training part is billed separately** and the client has the right to exclude it from the offer.

5. List of Spares

The bidder shall include a list of spare parts that are deemed to be necessary for the smooth running of all the machines/equipment.

6. Delivery Period

Delivery period is within eight (8) weeks as from letter of award. Any non-conformity with respect to delivery period shall be clearly mentioned in the bid.

SECTION IV: PRICED ACTIVITY SCHEDULE

Procurement Reference Number: OAB/CMOEE/13112001

BILL OF QUANTITIES

Currency of Bid: MRU

S/N	Machines/Equipment	Qty	Unit Price Inc VAT	Total Price Inc VAT
1	CNC- 5 Axis Machine Center	1		
2	CNC- 4 Axis Machine Center	1		
3	CNC Working Station	1		
4	Sandblaster Cabinet	1		
5	3D Printer	1		
6	Soldering Machine Station	1		
7	Oscilloscope	1		
8	Power Supply	2		
9	Waterjet Cutter	1		
10	Vacuum Former Machine	1		
11	Arduino Starter Kit Multi-Language	4		
12	Elegoo UNO Project Super Starter Kit	4		
13 (a)	Computers for CAD Softwares	2		
13 (b)	Computers for CAD Softwares with Autocad	1		
14	Precision Lathe Machine	1		
15	Installation and Commissioning	Sum		
16	Training	Sum		
17	Yearly Maintenance Cost	Sum		
TOTAL PRICE (MRU - VAT INCLUSIVE - CIF - COROMANDEL MAURITIUS)				

Priced Activity Schedule Authorised By:

Name:		Signature:	
Position:		Date:	
Authorised for and on behalf of:	Company		

SECTION V: SPECIFICATIONS AND COMPLIANCE SHEET

Procurement Reference Number: OAB/CMOEE/13112001

Specifications and Compliance Sheet for Supply of CNC Machines & Other Electronic Equipment

Item No.	Machines/Equipment (Specifications as per section III)	Compliance with Specifications Required (Yes/No)	Details of Non-Compliance / Deviation
01	CNC- 5 Axis Machine Center		
02	CNC- 4 Axis Machine Center		
03	CNC Working Station		
04	Sandblaster Cabinet		
05	3D Printer		
06	Soldering Machine Station		
07	Oscilloscope		
08	Power Supply		
09	Waterjet Cutter		
10	Vacuum Former Machine		
11	Arduino Starter Kit Multi-Language		
12	Elegoo UNO Project Super Starter Kit		
13 (a) 13 (b)	Computers for CAD Softwares Computers for CAD Softwares with Autocad		
14	Precision Lathe Machine		

Name:		Signature:	
Position:		Date:	
Authorised for and on behalf of:		Company	

SCHEDULE 2: PERFORMANCE SECURITY (BANK GUARANTEE)

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

Date: *[insert date (as day, month, and year) of Bid Submission]*

Procurement Reference No. and title: **OAB/CMOEE/13112001 "Supply of CNC Machines and Other Electronic Equipment"**

Bank's Branch or Office: *[insert complete name of Guarantor]*

Beneficiary: **SME Mauritius Ltd**

PERFORMANCE GUARANTEE No.: *[insert Performance Guarantee number]*

We have been informed that *[insert complete name of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[insert number]* dated *[insert day and month]*, *[insert year]* with you, for the supply of *[description of goods and related services]* (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 Supplier, we hereby irrevocably undertake to pay you any sum(s) not exceeding *[insert amount(s)¹ in figures and words]* upon receipt by us of your first demand in writing declaring the Supplier to be in default under the Contract, without cavil or argument, or your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This Guarantee shall expire no later than the *[insert number]* day of *[insert month]* *[insert year]*,² and any demand for payment under it must be received by us at this office on or before that date.

[signatures of authorized representatives of the bank and the Supplier]

¹ The Bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency(ies) of the Contract or a freely convertible currency acceptable to the Purchaser.

² Dates established in accordance with Clause 18.4 of the General Conditions of Contract ("GCC"), taking into account any warranty obligations of the Supplier under Clause 16.2 of the GCC intended to be secured by a partial Performance Guarantee. The Purchaser should note that in the event of an extension of the time to perform the Contract, the Purchaser would need to request an extension of this Guarantee from the Bank. Such request must be in writing and must be made prior to the expiration date established in the Guarantee. In preparing this Guarantee, the Purchaser might consider adding the following text to the Form, at the end of the penultimate paragraph: "We agree to a one-time extension of this Guarantee for a period not to exceed [six months] [one year], in response to the Purchaser's written request for such extension, such request to be presented to us before the expiry of the Guarantee."

BID CHECKLIST

Procurement Reference No.: OAB/CMOEE/13112001

Description	Attached (please tick if submitted and cross if not)
Bid Letter	
Bid Securing Declaration	
Priced Activity Schedule	
Specifications and Compliance Sheet	
Evidences for conformity of Goods	
Catalogue/s	