

## TENDER NOTICE

**Tender No. SIF/DST/i-TBI/2024-25/01**

**Date: 05.12.2024**

Sona Incubation Foundation hereby invites tenders through a two-bid system (technical and commercial) from qualified and reliable suppliers and vendors for the supply and installation of machinery and equipment for the **Establishment of a NIDHI- Inclusive Technology Business Incubator (i-TBI) – at Sona Incubation Foundation under the Department of Science and Technology (SERB - Science and Engineering Research Board)**

Prospective suppliers and vendors are requested to download the tender documents from our official website at <https://sonaincubations.com/>. Completed tenders, along with the requisite credentials, must be submitted in hard copy format, enclosed in a sealed cover, to the Head, Sona Incubation Foundation, Junction Main Road, Salem 636 005, Tamil Nadu, on or before 5<sup>th</sup> January 2025, by 5:00 pm.

  
**SATHYA MURTHY V.**  
Head/CEO  
SONA INCUBATION FOUNDATION  
SONA COLLEGE OF TECHNOLOGY,  
SALEM-636 005. TAMIL NADU.



**1) OFFLINE SUBMISSION -- The bid should be submitted only in OFFLINE.**

- a. The cover should contain all the prime eligibility documents along with all pages of the tender document with the signature of the tenderer and it should be tightly sealed.
- b. The envelopes should be superscripted at the top of the cover as **“Establishment of a NIDHI- Inclusive Technology Business Incubator (i-TBI) – at SONA INCUBATION FOUNDATION. Under Department of Science and Technology”**.
- c. The financial bid document should be removed from the tender document and covered with a sealed envelope with the name of the tenderer, super scripted the top as **‘Establishment of a NIDHI- Inclusive Technology Business Incubator (i-TBI) – at SONA INCUBATION FOUNDATION. Under Department of Science and Technology’**
- d. The completed tender forms along with the enclosures and the sealed cover containing the financial bid should be submitted in ONE cover and addressed to

**Mr.Sathya Murthy.V**

**Head, Sona Incubation Foundation  
SONA INCUBATION FOUNDATION  
Junction Main Road (Junction), Salem**

**Tamil Nadu – 636005**

**E-Mail Id**

**: head@sonaincubations.com**

e) Technical Bids will be opened as per the schedule given on critical dates in the presence of bidders or their authorized representatives. If the opening date happens to be a closed day/holiday, the tender will be opened on the next working day. Only one authorized representative from the firm shall be allowed to participate in the opening of technical bids/price bids.

## 2) ACCEPTANCE AND REJECTION

SONA INCUBATION FOUNDATION, reserves the right to accept/reject any or all tenders and accept the whole or any part of the tender without assigning any reason. A tender that does not fulfil any of the terms and conditions of the tender or with incomplete documents in any respect will be rejected summarily.

## 3) TECHNICAL BID QUALIFYING CRITERIA

- a) A registered Company/Manufacturer/OEM or their Authorized Dealers should have similar work experience.
- b) The Bidder should have a valid License/Registration, GSTIN No., PAN Number, Bank Account and registered office in India.
- c) The Bidder should not have been blacklisted by any Govt. Dept./Semi-Govt./Dept. or any other organization.
- d) Information regarding experience in the Supply & Installation of the same/similar Machinery & Instruments/machinery in India, Documentary Evidence to be supported by Purchase Orders and Project/installation completion certificates for the same.
- e) Bidders shall have sufficient manufacturing capacity /tie-ups and should have the after-sales support infrastructure.
- f) In case, the Bidder offers to supply Machinery & Instruments, which are not manufactured by them, the Bidder should be duly authorized by the Head/OEM as an authorized dealer to supply the machines/Machinery & Instruments. Relevant documents to be submitted and also as per SONA INCUBATION FOUNDATION, format which should be informed on prior notice of at least 15 days and shall proceed only after the acceptance of the same
- g) Preference will be given to the Manufacturers/ their authorized dealers having more than 3 years of association with the same manufacturers to ensure effective after-sales service support.
- h) If the Bidder has already supplied/received an order to supply any similar Machinery & Instruments/machine to any Government organization, the performance, timeline and quality of supply and services will be considered as qualifying criteria.
- i) If the bidder is not an OEM then the Authorized Dealers should submit the necessary OEM documents/information etc.,

**The selection of the Contractor will be made based on various parameters (as fixed by the Committee/Competent Authorities) like past service to Government Offices, after-sales**

**support, Period of Warranty, AMC Support, feedback from the previous clients of the bidder etc.**

#### **4) EVALUATION CRITERIA AND FINAL SELECTION**

- 1) The committee constituted by the Head of SONA INCUBATION FOUNDATION will examine the technical documents and decide the suitability as per the requirements of SONA INCUBATION FOUNDATION and the terms and conditions of the tender. Only the technical bids of the firms, meets the listed criteria, would be taken up for detailed evaluation.
- 2) The technical committee will visit to verify the capacity and capability of the bidders to assess the performance of machinery Instruments/machinery supplied by them
- 3) Selection of the bidders shall be based on a weighted criteria system to be derived from the submitted tender documents, experience etc., In the case of non-fulfilment of minimum pre-qualification criteria of the technical bid, the bid of the respective bidder shall be rejected. The competent authority will decide regarding the selection of Contractors.

#### **5) AGREEMENT:**

- a. The successful tenderer will be required to execute an agreement in a non-judicial stamp paper of appropriate value within the time frame stipulated by SONA INCUBATION FOUNDATION, SALEM-636 005
- b. The SONA INCUBATION FOUNDATION reserves the right to add/delete/modify the clauses in the agreement.

#### **6) PERIOD OF CONTRACT:**

- a) The supply of the Machinery & Instruments should be completed within 10 days from the date of issue of purchase order.
- b) Extension/non-extension will be the sole discretion of the authority and the Contractors cannot assume extension as the right.

#### **7) TERMINATION OF CONTRACT:**

- 1) The competent authority reserves the right to terminate the contract at any time without assigning any reason if it appears to the authority at any point of time that the services based on the quality of the machinery & Instruments
- 2) At any time during the period of the contract, if it comes to the notice of the SONA INCUBATION FOUNDATION, that the contractor has misled this office by way of giving false/incorrect information which has been material in the award of the contract, the contract shall be liable to termination without any notice besides other legal action as per law.

Further, incaseofanybreach,the contract can be terminated without any notice.

#### **1) GENERAL TERMS & CONDITIONS.**

- a) The Bidder can apply for one Machinery & Instrument or more than one Machinery & Instruments as per their expertise and capabilities. However, only one tender has to be submitted.
- b) The Technical specifications of the Machinery & Instruments/machinery should be of recent model & make and its spares should be available in the market for a minimum of 3 years.
- c) Details of the product offered shall be supported with complete specifications duly authorized along with documents i.e., Leaflet, catalogue, literature, test reports etc.
- d) Govt. of India guidelines in Make in India policy, Relaxation of Norms for Startup and Micro & Small Enterprises in Public Procurement will be followed.
- e) SONA INCUBATION FOUNDATION reserves its right to relax the condition of prior turnover and prior experience for start-up enterprises subject to meeting quality & technical

specifications. The decision of the SONA INCUBATION FOUNDATION in this regard shall be final.

- f) **The rates quoted shall be inclusive of charges such as Insurance, transportation, installation, and training for the staff and all other taxes (excluding GST).**

**Nothing extra shall be paid over the quoted rates.**

- g) It is the responsibility of the tenderer to check any correction, or any modifications published subsequently on the website and the same shall be taken into account while submitting the tender.
- h) The Bidder submitting the tender would be deemed to have considered and accepted all the terms and conditions of the contract. No verbal or written enquiries will be entertained in respect of acceptance or rejection of the tender.
- i) The bidder having their close relatives working in SONA INCUBATION FOUNDATION, is not allowed to participate in the Tender, an affidavit confirming the same should be submitted in original to SONA INCUBATION FOUNDATION.
- j) The contractor shall not sublease full or part of the contract. If found subleased, it leads to blacklisting of the vendor and penalization by the Institute. No Subletting of construction work is permissible at any cost.
- k) The selected bidder will have to complete all the required formalities/obtain permits/licenses, if any, including agreement, etc. immediately within Five days after the award of the Purchase order.
- l) Canvassing whether directly or indirectly, in connection with tenders, is strictly prohibited and the tenders, submitted by the contractors, who resort to canvassing, will be liable for rejection.

## **2) SPECIAL TERMS & CONDITIONS**

- a) The contractor shall take all precautionary measures to avoid any damage to adjoining property while installing the Machinery & Instruments. All necessary arrangements shall be made at his own cost.
- b) SONA INCUBATION FOUNDATION reserves the right to make any change, omission, additions (or) alterations to the original specifications of the Machinery & Instruments. Such changes, omissions, and substitutions shall be deemed to have been formed as work included in the original tender and the contractor shall be bound to carry out the work/adhere to the supply order.
- c) **The Period of warranty for the Machinery & Instruments will be for two Years.**
- d) The Contractor should extend Post Supply Support to the Institute in maintaining the Machinery Instruments.

## **3) PENALTY CLAUSES**

Failure to construct in terms of quality, quantity, and as per the requirements will attract penalty. For not adhering to contractual conditions, SONA INCUBATION FOUNDATION shall be free to impose a monetary fine as deemed fit on the Contractor. Fines imposed shall be remitted by the contractor to the Institute account or else the same shall be adjusted from the Security Deposit.

- f) If any consequential damages occur while carrying out the installation work, the damage incurred so should be borne by the tenderer. Quantum of liquidity damages assessed by the Sona Incubation Foundation Y shall be final and non-challengeable by the contractor.
- g) **PENALTY FOR DELAY IN supply of Goods:-** Supply of the Machinery & Instruments has to be completed within the schedule. For any delay in completing the work, a delay of every week or part thereof, an amount equivalent to 0.5 % subject to maximum of 12% of the contractor's claim made for the execution will be deducted from the amount payable in the settlement of the claim at the discretion of the Director.
- h) The Head, SONA INCUBATION FOUNDATION shall be the Competent Authority regarding the imposition of penalty and quantum of the penalty and her decision shall be final.

Details of technical specification to be followed	
3 Year	Warranty
YES	3rd Party Filament Compatible
< 2min	Heat up Time
YES	Swappable Nozzle
YES	Flow Sensor
UPGRADABLE	Dual Extrusion
YES	Network Connectivity
COLOR 3.2inch	Touch Screen
YES	Touch Screen
YES	Heated Build Plate
YES	General Feeder
0-260C	Nozzle Temperature
0-110C	Bed Temperature
20-800 micron	Layer Thickness
200mm/s	Printing Speed
Linear Guide	Linear Guide
10 micron	Position Accuracy
Full Automatic	Bed Levelling
0.2,0.4,0.6,0.8,1.0	Nozzle Diameter
1.75mm	Filament Diameter
	Printer Type

## 1. Technical Specifications

### 1. Rapid Prototyping Machine – FDM 3D Printer – Single Extruder

Technical Specification	
Build Volume (in mm)	260*260*330 mm
Print Technology	FDM
Printer Type	Delta
Filament Diameter	1.75mm
Nozzle Diameter	0.2,0.4,0.6,0.8,1.0
Bed Levelling	Full Automatic
Position Accuracy	10 micron
Linear Guide	Hiwin LM GUIDE
Printing Speed	200mm/s
Layer Thickness	20-800 micron
Bed Temperature	0-110C
Nozzle Temperature	0-260C
Geared Feeder	YES
Heated Build Plate	YES
Touch Screen	YES
Touch Screen	COLOR 3.2inch
Network Connectivity	YES
Dual Extrusion	UPGRADABLE
Flow Sensor	YES
Swappable Nozzle	YES
Heat up Time	<2min
3rd Party Filament Compatible	YES
Warranty	3 Year

## 2 Rapid Prototyping Machine – DLP 3D Printer with Post Processing Station

Technical Specification	
Print Technology	DLP
Resolution	8K
Light Source	10.1-inch 8K Mono LCD
Build Volume	219 x 123 x 235 mm
Z Axis Accuracy	0.005mm
XY Resolution	0.0285mm
Slicer Software	CHITUBOX
Printer OS	TBD
Bed Levelling	Automatic
Resin VAT Film	FEP
Linear Guide	Hiwin LM GUIDE
Printing Speed	70mm/hr
Layer Thickness	10-300 micron
Touch Screen	YES
Touch Screen Size	COLOR 5 inch
Network Connectivity	YES
Camera	YES
App Support	YES
3rd Party Resin Compatible	YES
Standalone Washer	YES
Standalone Curing Chamber	YES
Warranty	1 Year



### 3 CNC 3-Axis Milling Machine – Full Setup

Technical Specification	
XY Work Area	350mm x 350mm
Z Work Area	100mm
Maximum Table Width	450mm
Maximum Table Length	450mm
Drive System	Stepper Motors with Linear Guide
Travel Speed	8000mm/min
No. of Spindle	1
Spindle Power	2.5kW
Cutting Speed	3000-24000 rpm
Spindle Cooling	Liquid
Resolution of Machine	0.01mm
Position Accuracy	0.05mm
Repeat Accuracy	0.015mm
Interface / UI	On-Board Controller / HMI Interface / Desktop
Open-Source Compatible	YES
Customizable	YES
Upgradable	YES
Enclosure	YES
Material - Hard Metal	YES
Material - Soft Metal	YES
Material – Non-Metal	YES
Dust Collector	YES
Warranty	3 Year(s)

#### 4 CNC 3-Axis Router Machine – Full Setup

Technical Specification	
XY Work Area	1200mm x 1200mm
Z Work Area	250mm
Maximum Table Width	1500mm
Maximum Table Length	1500mm
Drive System	Stepper Motors with Linear Guide
Travel Speed	8000mm/min
No. of Spindle	1
Spindle Power	3kW
Cutting Speed	3000-24000 rpm
Spindle Cooling	Liquid
Resolution of Machine	0.01mm
Position Accuracy	0.05mm
Repeat Accuracy	0.015mm
Interface / UI	On-Board Controller / HMI Interface / Desktop
Open-Source Compatible	YES
Customizable	YES
Upgradable	YES
Dust Collector	YES
Warranty	3 Year(s)

## 5 CO2 Laser Cutting / Engraving Machine – Full Setup

Technical Specification	
XY Work Area	1200mm x 900mm
Laser Type	CO2
Maximum Table Width	1300mm
Maximum Table Length	Expandable
Drive System	Stepper Motors with Linear Guide
No. of Cutting Head	1
Laser Power	130W
Marking Speed	500mm/s
Cooling	Liquid
Resolution of Machine	0.01mm
Position Accuracy	0.05mm
Repeat Accuracy	0.015mm
Interface / UI	On-Board Controller / HMI Interface / Desktop
Open-Source Compatible	YES
Customizable	YES
Upgradable	YES
Exhaust System	YES
Air Compressor	YES
Warranty	3 Year(s)

## 2. Technical Specifications

S.No.	DESCRIPTION	UoM	SUGGESTED QUANTITY
<b>1. ELECTRONICS WORKBENCH AND PROTOTYPING WORKBENCH</b>			
1	Digital Soldering SMD Rework Station	Nos	2
2	Dual/Multi Tracking DC Power Supply DC: 0.5 to 30 V	Nos	2
3	Signal Generator Frequency: 30 Mhz; Amplitude: 0-5 V	Nos	2
4	Digital Storage Oscilloscope – 5050 100MHz, Dual CH	Nos	2
5	ESD/SMD Workstation Setup	Nos	2
<b>2. ELECTRONICS DEVELOPMENT/ROBOTICS/IOT AND SENSOR KIT</b>			
6	ARDUINO UNO R3 SMD	Nos	30
7	ARDUINO UNO CASE ACRYLIC	Nos	30
8	USB CABLE A TO B BLUE	Nos	40
9	ARDUINO NANO CH 340	Nos	10
10	ARDUINO MEGA 2560 CLONE	Nos	10
11	ARDUINO MEGA CASE 2560	Nos	10
12	RASPBERRY PI-3 B	Nos	5
13	SANDISK MICRO SD CARD 32GB	Nos	5
14	CORD HDMI TO VGA+AUX CABLE	Nos	5
15	5V 2.4A USB ADAPTER -HYCOT+	Nos	5
16	RASPBERRY PI CASE - ACRYLIC CLEAR	Nos	5
17	BREAD BOARD 400 POINTS	Nos	30
18	BREAD BOARD MB-102	Nos	20
19	PROTOTYPING SHIELD FOR UNO	Nos	20
20	PCB KS-64 DOT 6X4	Nos	30
21	PCB KS 312T 2X3 LINE	Nos	30
22	BURG STRIP 40X1 STRAIGHT (M)	Nos	30
23	BURG STRIP 40X1 FEMALE STRAIGHT	Nos	30
24	16X2 BLUE DISPLAY WITH I2C	Nos	20
25	A TO B USB CABLE 1.5 MTR	Nos	10
26	USB CABLE MINI FOR ARDUINO NANO	Nos	10
27	BATTERY 9V RECHARGEABLE 325MHZ OZEL TECH-28%	Nos	10
28	AA,AAA, 9V CHARGER KENSONIC POWER ADAPTOR	Nos	2

29	BATTERY SNAP WITH DC PIN (9V)	Nos	40
30	0.25W RESISTOR BOX	Nos	20
31	CAPACITOR KIT ASSORTED	Nos	1
32	L 7805 REG IC ST	Nos	30
33	REG IC 7809 ST	Nos	30
34	REG IC L 7812 ST	Nos	30
35	WATER PUMP SMALL 6V	Nos	4
36	BUZZER ELEMENT 27MM	Nos	30
37	MAX 7219 DOT MATRIX MODULE	Nos	10
38	BLUETOOTH MODULE W/PIN HC 05	Nos	15
39	4 DIGIT 7SEGMENT DISPLAY MODULE TM1637	Nos	20
40	GSM MODULE SIM 800L TTL BOARD	Nos	4
41	UBLOX NEO 6M -0- 001	Nos	4
42	LASER DIODE 6.5MM WITH PCB	Nos	10
43	LDR SENSOR MODULE	Nos	30
44	KEYPAD 4X4 MEMBRANE	Nos	10
45	JOYSTIC MODULE + KNOB	Nos	10
46	BUZZER MINI 5V IMP	Nos	40
47	BUZZER CC27 CEDICOM	Nos	40
48	MOTOR DRIVER L 293D	Nos	10
49	VOICE RECORDER MODULE ISD 1820	Nos	10
50	MOTOR BO1 150RPM	Nos	40
51	BO1 AND BO2 WHEEL NO.63	Nos	40
52	NODEMCU ESP8266 WIFI ESP-12E LUA CH340	Nos	6
53	WEMOS D1 WIFI SHIELD FOR ARDUINO	Nos	6
54	VIBRATION MOTOR SMALL	Nos	20
55	ALLIGATOR CLIPS WITH WIRE	Nos	200
56	HOOK UP WIRE 1/27 FOR ATL	Nos	4
57	JUMPER WIRE STRIP M/M (SET OF 40)	Nos	25
58	JUMPER WIRE STRIP M/F (SET OF 40)	Nos	15
59	JUMPER WIRE STRIP F/F (SET OF 40)	Nos	10
60	LED 5MM RGB 4 PIN	Nos	400
61	LED 5MM R/RED E.LIGHT	Nos	1000
62	LED 5MM G/GREEN E.LITE	Nos	1000
63	LED 5MM B/BLUE E.LIGHT	Nos	1000
64	LED 5MM Y/YELLOW E.LITE	Nos	1000
65	LED 5MM W/WHITE E.LITE	Nos	1000
66	IC NE 555 TEX	Nos	30

67	IC AT MEGA 328P U	Nos	10
68	DIODE AND TRANSISTOR KIT	Nos	3
69	SWITCH KIT	Nos	3
70	TOUCH SENSOR MODULE MPR121	Nos	20
71	TOUCH SENSOR TTP 223 (RED PCB)	Nos	10
72	IR PROXIMITY SENSOR BOARD	Nos	20
73	HMC 5883 COMPASS SENSOR	Nos	10
74	SMOKE SENSOR MQ-2 MODULE	Nos	3
75	ALCOHOL SENSOR MODULE MQ-3	Nos	3
76	GAS SENSOR MODULE MQ-4	Nos	3
77	GAS SENSOR MODULE MQ-5	Nos	3
78	GAS SENSOR MODULE MQ-6	Nos	3
79	MQ-7 SENSOR MODULE	Nos	3
80	GAS SENSOR MODULE MQ-8	Nos	3
81	MQ-135 GAS SENSOR MODULE	Nos	3
82	BLACK SENSOR TSOP 1738	Nos	10
83	ULTRASONIC MODULE SR 04	Nos	40
84	3AXIS ACCELEROMETER ADXL335 SOLDERED	Nos	10
85	PIR SENSOR MODULE HC SR 501	Nos	20
86	PULSE SENSOR MODULE	Nos	4
87	5V 1 CHANNEL RELAY BOARD WITHOUT OPTO	Nos	20
88	5V 2 CHANNEL RELAY BOARD	Nos	20
89	SOIL MOISTURE SENSOR/HYGROMETER	Nos	6
90	TTP224 4 WAY TOUCH SENSOR MODULE	Nos	6
91	METAL SENSOR MODULE	Nos	6
92	RAIN DROP SENSOR	Nos	6
93	FLEX SENSOR 2.2 INCH	Nos	6
94	LM 35 D	Nos	6
95	HUMIDITY SENSOR DHT-11 MODULE	Nos	40
96	FORCE SENSOR 38.1MM SQUARE	Nos	4
97	COLOUR SENSOR RGB TCS34725	Nos	4
98	WATER FLOW SENSOR HZ21WA 1/2 INCH	Nos	4
99	SOUND SENSOR MODULE	Nos	10
100	IR SENSOR ARRAY 5 WAY	Nos	10
101	MOB POWER BANK 10000MAH	Nos	5
102	RF MODULE 315MHZ	Nos	10
103	ULN2003 STEPPER MOTOR DRIVER WITH MOTOR	Nos	10
104	GEAR MOTOR 12V 150RPM NEW	Nos	20

105	SERVO MOTOR MG995 (180 DEGREE)	Nos	10
106	SERVO MOTOR MG90	Nos	10
107	SERVO MOTOR MG996 (360 DEGREE)	Nos	10
108	SERVO MOTOR SG90 1.8KG	Nos	40
109	SERVO MOTOR TESTER	Nos	4
110	MOTOR DRIVER L 298	Nos	10
111	SOUND SENSOR MODULE SMALL	Nos	10
112	BO2 MOTOR 150RPM	Nos	10
113	HUMIDITY SENSOR DHT-11	Nos	10
114	MDB 500 (ALKON MULTY DISPLAY BOARD)	Nos	3
115	ANSIO-A4 5LAYERS CUTTING MAT- GREEN/GREEN	Nos	1
116	SOLDRING IRON 25W VARTECH	Nos	4
117	SOLDRING IRON STAND SOLDRON	Nos	4
118	DESOLDRING PUMB MX-128	Nos	4
119	LEAD/TIN WIRE 50GM HYFLOW	Nos	4
120	5V 2AMP SMPS ADAPTOR	Nos	10
121	12V 2A SMPS ADAPTOR	Nos	10
122	STANLEY MULTI TESTER 66-137	Nos	1
123	DIG M.METER V MAS 830L VARTECH	Nos	5
124	FOLDSCOPE	Nos	5
125	SPIKA GUARD 5WAY AX-683A	Nos	5
126	GEMINI PENDENT HOLDER	Nos	10
127	WIRE 40/60 PLASTIC WIRE	Nos	20
128	USB TO DC PIN W/W	Nos	10
129	FIRST AID BOX SMALL	Nos	2
130	FIRE EXTINGUISHER -IS1 5683 ABC 2Kg	Nos	2
131	GOGGLES ZOOM WHITE	Nos	30
132	GLOVES COTTON SINGL DT	Nos	10
133	MASK 3M-9000	Nos	20

**Mechanical / Power Tools Workbench and Prototyping Setup**

Sno	Item Description	Qty
1	Stanley RUBBERGRIP HACKSAW ADJST FRM, BLD254MM-10" 15-265- 23 HSN: 82021010	1
2	Taparia Hacksaw Blade HBHC1224 HSN: 82029990	20
3	Stanley MINI HACKSAW 0-20-807 HSN: 82021010	1
4	Stanley PLIERS MINI NEEDLE NOSE 5" 84- 096-23 HSN: 82032000	1
5	Pumpkin Internal Straight Snap Ring Pliers 33563 5inch HSN: 82057000	1
6	Nose Plier ( Stanley 84-101-23 152mm ) HSN: 82032000	1
7	Stanley WIRE CUTTER, 130MM 5 1/4" 84- 214-22 HSN: 82032000	1
8	Stanley 8" COMBINATION PLIER 70- 461 HSN: 82032000	1
9	Tweezer ( 6 Pcs Set With Bag ) HSN: 82032000	2
10	Pumpkin Ball Pein Hammer 29637 24oz 680g HSN: 82052000	1
11	Pumpkin Anti Slip Claw Hammer 29165 PTT-H27NS 27mm HSN: 82052000	1
12	Stanley MAXSTEEL "G" CLAMP 50MM/2" 0-83-032	4
13	STANLEY 600W 13mm Percussion Drill SDH600-IN	1
14	Stanley 12PC DOUBLE O/E SPANNERS SET , 6X7 TO 30X32MM 70-380E HSN: 82041110	1
15	ZAC Bench Vice DRL5 Double Rib 5Inch HSN: 82057000	1
16	Stanley SCREWDRIVER SET PRECISION BI- MATERIAL 66-052 HSN: 82054000	1
17	Stanley ADJUSTABLE SPANNER, PHOSPHATE FINISH, 150MM-6" STMT74893-8 HSN: 82041220	1



18	Stanley WIRE STRIPPER(CUTTER)- AWG12- 22, 150MM-6 84-475-22 HSN: 82032000	5
41	Stanley PLIER CIRCLIP, BENT INTERNAL, 180MM-7" 84-447-23 HSN: 82032000	1
42	Pumpkin Internal Straight Snap Ring Pliers 33561 7inch HSN: 82057000	1
43	Pumpkin Frankew Screw Driver Set 17205 6FK-Set HSN: 82054000	1
44	Stanley 8PCS SHALLOW OFFSET BIHEX SPANNER SET ,6X7- 20X22MM 70-394E HSN: 82041110	1
45	Stanley 23PC (6-25,27,30,32MM) 70- 965E HSN: 82041110	1
46	Stanley TIN SNIPS STRAIGHT BI- MAT 250MM 2-14-556 HSN: 82033000	1
47	Pitch Guage ( Bullwark Screw Pitch Guage ) HSN: 90319000	1
48	Buffalo 26 Blades Feeler Gauge Set 29- A HSN: 90173029	1
49	Pumpkin Utility Knife 12124 BA211-BL Heavy Cutz 25mm HSN: 82081000	1
50	Steel Scriber ( Laser ) HSN: 84679900	1
51	Spares ( Stainless Steel Protector ) HSN: 84679900	1
52	Osaki Stainless Steel Scale OI-SC24 24inch ( 30Cm ) HSN: 90172010	5
53	Hacksaw Blade ( 6" ) HSN: 84679900	1
54	Pumpkin Mini Hacksaw Frame 32111 PTT- JH6 6 inch HSN: 82021000	1
55	Pumpkin Hacksaw Frame 33320 PTT- 3DH 12inch HSN: 82021000	1
56	Try Square ( Laser 8" Angle Cut ) HSN: 90171000	1
57	DEWALT 850W, 100mm Angle Grinder (Made in India) DW801-IN01 HSN: 84672100	1
58	Btali Air Compressor BT24 MAC 24L Monoblock HSN: 84148090	1

59	Impact Wrench ( Hulk Impact Wrench With Socket Set ) HSN: 84678990	1
60	Drill Vice ( BullWark 100mm ) HSN: 82057000	1
61	Tap Wrench ( 1/2" ) HSN: 82041220	1
62	Caliper Laser - Inside HSN: 90171000	1
63	Caliper Laser - Outside HSN: 90171000	1
64	STANLEY 2200W 355mm Chopsaw SSC22- IN HSN: 84672100	1
65	MiG 250A Welding Machine Toshweld/Aken/Clif	1
66	TiG 300A Welding Machine Toshweld/Aken/Clif	1
67	Clif Mini Bench Drill BD13A 13mm 250W 1420rpm HSN: 84672100	1
68	Caliper 12" Digital Vernier Caliper HSN: 90171000	1
69	Micrometer Outside Micrometer 0-25 HSN: 84671100	1
70	Micrometer Outside Micrometer 5-30 HSN: 84671100	1
71	Pumpkin Xtreme Sockets Set 40264 PTT- SKS25P6 HSN: 82042000	1
72	STANLEY 1320W 5" Tile Cutter STSP125-IN HSN: 84615019	1
73	STANLEY 4V Screwdriver SCS4K-B1 HSN: 84672100	1
74	DEWALT 10.8V, 1.3Ah, 10mm, Drill Driver (with 109 PCs Accessory Kit) DCD700C2A- IN HSN: 84672100	1
75	Bosch Drill Kit GSB 600 RE KIT HSN: 84672100	1
76	STANLEY 1/2 HP Bench Grinder STGB3715-IN HSN: 84672100	1
77	STANLEY 1300W 180mm Polisher SP137- IN HSN: 84672900	1
78	STANLEY 750W 2mm Planer STPP7502-IN HSN: 84659990	1
79	STANLEY 1800W 10 inch Table Saw SST1801-B1 HSN: 84615019	1

80	Stanley HEAVY DUTY BI-MATERIAL HANDSAW 15(380MM) STHT20373-LA HSN: 84679900	1
81	Stanley SHEARS-PRUNING BYPASS 8INCH 14-302-23 HSN: 82033000	1
82	DEWALT 500W Jigsaw, 800-3100spm, 20mm stroke length, 2.7Kgs DWE349-IN HSN: 84615019	1
83	Ingco HT Spray Gun ASG4041 400cc HSN: 84242000	1
84	Osaki Air Hose 8mm PVC Nylon Braided HSN: 39173100	3
85	CABLE TIE 100MM SURELOCK	1000
86	CABLE TIE 150MM SURELOCK	500
87	CABLE TIE 200MM SURELOCK	100
88	WATER PAPER BULLET	50
89	SPIRIT LEVEL B&D 16" BDHT43188	1
90	GLUE STICK	100

### Customized Workbench and Storage Solutions

S.No.	DESCRIPTION	UoM	SUGGESTED QUANTITY
<b>CUSTOMIZED WORKBENCH AND STORAGE SOLUTIONS</b>			
1	Mechanical Workbench	Nos	2
2	Multi-Purpose Tools/Component Organizers	Nos	2
3	Heavy-Duty Worktable	Nos	2
4	Electronic/SMD/ESD Workstation	Nos	2
5	Rapid Prototyping Workstation	Nos	2

### Customized AR/VR/CAD Workbench – 2 Nos

S.No.	DESCRIPTION	UoM	SUGGESTED QUANTITY
<b>CUSTOMIZED AR/VR/CAD WORKBENCH</b>			
1	INTEL I7-13700K 1 Nos	Nos	1
2	GIGABYTE Z690 UD AX DDR4 INTEL MOTHERBOARD	Nos	1
3	CORSAIR VENGEANCE 16GB DDR4 3200MHZ 2Nos	Nos	1
4	RTX3060 TWIN 12GB GPU 1 Nos	Nos	1
5	COOLERMASTER 240L ARGB LIQUID COOLER	Nos	1
6	WD BLUE SSD M.2 1TB 1 Nos	Nos	1
7	MSI A750GF 750W 80+G SMPS 1 Nos	Nos	1
8	SEAGATE 1TB SATA 1 Nos	Nos	1
9	SAMSUNG 28" 4K IPS MONITOR 1 Nos	Nos	1
10	DELL MULTIMEDIA 1 Nos	Nos	1
11	KEYBOARD WIRED KB216	Nos	1
12	DELL OPTICAL MOUSE 1 Nos	Nos	1
13	COOLER MASTER MB520 ARGB CABINET 1 Nos	Nos	1