

# **SANGAM RISE FOUNDATION**

Sangam University, Panchayat Atun, Pur Road, Bhilwara- 311001, Rajasthan

E-mail: [sangamrise@sangamuniversity.ac.in](mailto:sangamrise@sangamuniversity.ac.in)

(Section 8 Company registered under the Companies Act, 2013 (18 of 2013))

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## **NOTICE INVITING OPEN TENDER**

# **Bidding Document**

(For Procurement of Fabrication Lab / D&D Equipment's & Tools)

## **Open Tender under Two Cover System**

Last Date for Bid Submission is 16 -12-2025

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## **NOTICE INVITING TENDER**

**Tender No.: Sangam/SRF/FAB LAB ITEMS/2025/08 Date: 25-11-2025**

### **"Tender for Procurement of Fabrication Lab / D&D Equipment's & Tools"**

Sangam University Bhilwara, Rajasthan is one of the reputed Private Universities in the Rajasthan.

**Sangam i-TBI (NIDHI Inclusive Technology Business Incubator)** is a Project under the Department to promote Technology based Entrepreneurship and Innovation. Sealed quotations are invited under two bids, Technical & financial bids in two separate sealed envelopes and EMD & Tender fess in another envelope contained in one bigger envelope) for the Supply of Fabrication Lab items. Detailed Specifications are in Technical Bid of this tender.

#### **CONTENTS OF TENDER DOCUMENT**

| S. No. | Requirement                             | Procurement of Fabrication Lab / D&D Equipment's & Tools.   |
|--------|---|---|
| 1      | Tender issue no. and Date               | Sangam/SRF/FAB LAB ITEMS/2024/08 Date: 25-11-2025   |
| 2      | Technical Bid                           | Technical Bid to contain details of requirement and technical parameters The details of the requirements, together with the applicable technical parameters, shall be submitted within the Technical Bid of this tender   |
| 3      | Financial Bid                           | Financial Bid to contain item-wise prices as per Financial Bid format. The information is available in the Financial Bid section of this tender   |
| 4      | Tender Fees                             | Rs.2000/- (Rupees Two thousand only), including taxes   |
| 5      | Earnest Money Deposit along with Tender | Rs. 2% of the Tender Cost.  |
| 6      | Tender Publish Date                     | 26-11-2025  |
| 7      | Last date of Submission of tender       | 16-12-2025 at 05:00 P.M.  |
| 8      | Date of Opening of Technical Bid        | 17-12-2025 at 01:00 P.M   |
| 9      | Bid Validity days                       | 90 Days from the date of opening of Technical Bid   |
| 10     |   |   |
| 11     | Performance Security                    | 5% of tender value  |
| 12     | Warranty                                | 1 Years or more from the date of supply / commissioning   |
| 13     | Address for Communication               | <b>Chairman Finance and Purchase Committee, Sangam Rise Foundation, Sangam University, Panchayat Atun, Pur Road, Bhilwara- 311001, Rajasthan</b><br>E-mail: <a href="mailto:sangamrise@sangamuniversity.ac.in">sangamrise@sangamuniversity.ac.in</a>  |
| 14     | Exempted from EMD                       | The MSE bidders, who are registered with District Industries Centers (DICs)/ Khadi & Village Industries Commission (KVIC)/ Khadi & Village Industries Board (KVIB)/ Coir Board/ NSIC/ Directorate of Handicrafts and Handloom or any other body specified by Ministry of Micro, Small, & Medium |

|  |  |   |
|--|--|---|
|  |  | Enterprises (MoMSME) are eligible for exemption from payment of EMD. MSEs registered under Udyog Aadhaar Memorandum (UAM) are also eligible for exemption from payment of EMD. However, they shall furnish a proof regarding registration with bodies under the Ministry of Micro, Small & Medium Enterprises or UAM. |
|--|--|---|

**Chairman Finance and Purchase Committee  
Sangam Rise Foundation  
Sangam University, Bhilwara, Rajasthan**

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**Sangam i-TBI (NIDHI Inclusive Technology Business Incubator) Project Funded under Government of India Ministry of Science & Technology Department of Science & Technology-Technology Translation and Innovation {Procurement of Fabrication Lab/ D&D Equipment's & Tools}**

| <b>S. No.</b> | <b><u>Technical Details of "Fabrication Lab /D&amp;D Equipment's &amp; Tools" Specification: -</u></b>  | <b>Quantity</b>   | <b>Estimated Cost in Rs.</b>   |
|---------------|---|---|--|
| 1.            | <b>CNC ROUTER</b><br>Specifications-<br>48" x 96" bed (accommodates standard-size plywood sheets)<br>1/4" and 1/8" spiral router bits<br><ul style="list-style-type: none"><li>• 4 heads, the head can work at the same time</li><li>• Constant Power water cooling spindle, Higher working strength.</li></ul> | 1 Nos   | Rs.<br>28,00,000/-<br>(Rs. Twenty Eight lakhs only) Tender Fees Rs. 2000/- |
|               | X-Y Axis Working Area   | 1300 x 2500 mm  | EMD 2% of tender cost/-  |
|               | Z Axis Working Area   | 300 mm  | By DD In favor   |
|               | Spindle Power   | 4.5 kW  | "Sangam Rise Foundation payable at Bhilwara <u>For NEFT/RTGS</u>           |
|               | Machine Type  | 4 Axis  | <u>Sangam Rise Foundation</u>  |
|               | Brand   | Success   |  |
|               | Job Material  | Wood, MDF, HDF, Plywood, PVC, Foam Board, Sign Board, Acrylic |  |
|               | Spindle Head Type   | Multi-Spindle   |  |
|               | Spindle Speed   | 18000 RPM   |  |
|               | X-Y Movement  | Rack & Pinion   |  |
|               | Z movement  | Ball Screw  |  |
|               | Command Code  | G-Code  | Bank Name:<br>AU Small Finance   |
|               | Driven Motor  | Servo Motor   | Branch Name & address:<br>Hira Panna Market, Pur Road, Bhilwara.           |
|               | Control System  | Digital Signal Processor (DSP)                                | Bank Account   |

No:240222315  
5987891  
IFSC CODE:  
AUBL0002231  
Account Type:  
Current  
Account  
MICR Code:  
311765002

|    |  |        |  |
|----|--|--------|--|
| 2. | <b>FLOOR TOOLS:-</b>   | 1 each |  |
|    | 1. Saw stop 10" table saw  |        |  |
|    | SKU : POW.SAW.36619456   |        |  |
|    | No Load Speed : 4300 RPM   |        |  |
|    | Weight : 24.4 kg   |        |  |
|    | Power : 1800 W   |        |  |
|    | Rated Input Power : 1,800 W  |        |  |
|    | Incline Settings : 45 ° L / 0 ° R  |        |  |
|    | Table Size : 555 x 555 mm  |        |  |
|    | Saw blade bore diameter : 30 mm  |        |  |
|    | Part No : 0601B450F0   |        |  |
|    | Dimension (LWXH) cm : 39.4L x 27.2W x 24.4H                                    |        |  |
|    | 2. Jet 14" Band Saw:-  |        |  |
|    | Warranty : 1 year  |        |  |
|    | Type Of Saw : Vertical   |        |  |
|    | No Load Speed : 2 Speed  |        |  |
|    | Capacity : 12"   |        |  |
|    | Usage/Application : Wood Cutting   |        |  |
|    | Material : Steel Body  |        |  |
|    | Saw Band Width : 1"  |        |  |
|    | Wheel Diameter : 12"   |        |  |
|    | Automation Grade : Semi-Automatic  |        |  |
|    | Table Size : 12 x 12"  |        |  |
|    | Blade Tension : Manual   |        |  |
|    | Motor HP : 3HP   |        |  |
|    | Blade Speed : 100 Mtr/Min  |        |  |
|    | 3. Jet 16" Surface Planer  |        |  |
|    | Power Source : AC  |        |  |
|    | No Load Speed : 8500 RPM   |        |  |
|    | Type of Product : Electric Wood Planer   |        |  |
|    | Wattage : 1250 W   |        |  |
|    | Color : Orange, Actual Color May Vary  |        |  |
|    | Cutting Width : 204 mm   |        |  |
|    | Dimension : 77x37x50 cm  |        |  |
|    | Model No : WPT-200A  |        |  |
|    | Application : Industrial   |        |  |
|    | Base Material : Alloy Steel  |        |  |
|    | Style : DIY  |        |  |
|    | Included Components : Dust collector, Electric Wood planer, Blade, User manual |        |  |
|    | Amperage Rating : 5 Amps   |        |  |
|    | 4. Jet 6" Edge Jointer   |        |  |
|    | Material : Alloy Steel, Cast Iron  |        |  |

|                    |                         |
|--------------------|-------------------------|
| Color              | White                   |
| Product Dimensions | 56" L x 22" W x 37.5" H |
| Item Weight        | 237unds                 |

5. Jet 6" Belt Sander

|                   |                |
|-------------------|----------------|
| Disc Diameter     | 9 Inch         |
| Power Consumption | Electric Motor |
| Sander Type       | Any            |
| Warranty          | 1 year         |
| Material          | MS             |
| Usage/Application | Industrial     |
| Voltage           | 220V           |
| Frequency         | 50Hz           |

6. Hitachi 10" Compound Miter Saw

|                     |                              |
|---------------------|------------------------------|
| Colour              | Green                        |
| Surface             | Nylon, Wood, Stainless Steel |
| Recommendation      |                              |
| Power Source        | Corded Electric              |
| Included Components | nil                          |
| Product Dimensions  | 5L x 20W x 20H Centimeters   |
| Voltage             | 120 Volts                    |
| Speed               | 4500 RPM                     |
| Blade Length        | 255 Millimetres              |
| Number of Teeth     | 80                           |
| Colour              | Green                        |

7. Fox Oscillating Spindle Sander

|                        |                                |
|------------------------|--------------------------------|
| No Load Speed          | 2000/min1                      |
| Brand                  | Triton                         |
| Weight                 | 12.9 Kg                        |
| Dimensions             | 450 x 390 x 330 mm (H x L x W) |
| Power                  | 450 W                          |
| Sound Pressure LP      | 76dB                           |
| Sound Power LW         | 89dB                           |
| Motor Power            | 450 W                          |
| Minimum Order Quantity | 1 Piece                        |

8. Bosch Adjustable Router Table

|                    |                 |
|--------------------|-----------------|
| Material           | Aluminum        |
| Power Source       | Corded Electric |
| Product Dimensions | 27" W x 14.5" H |
| Voltage            | 120 Volts       |

9. Ryobi 16" Variable Speed Scroll Saw

|               |          |
|---------------|----------|
| Stroke Length | 3/4 inch |
|---------------|----------|

|              |          |
|--------------|----------|
| Model Number | DW788    |
| Current      | 1.3 Amps |
| Stroke/Min   | 1750 spm |
| Depth of Cut | 2 inch   |
| Tool Weight  | 56 lbs   |

10.. Porter Cable 6" Bench Grinder

|                   |   |
|-------------------|---|
| Disc Diameter     | 6 inch  |
| Warranty          | 1 year  |
| Usage/Application | MACHINE TOOLS, WORKSHOP, TOOL GRINDING, TOOL ROOM |
| Material          | CAST IRON, 100% COPPER WINDING                    |

11. DEWALT 15-Amp 14-in Chop Saw

|                        |                         |
|------------------------|-------------------------|
| Cutting Blade Size     | 14 Inch                 |
| Type Of Saw            | chop saw                |
| No Load Speed          | 4000RPM                 |
| Wheel Dia              | 185MM                   |
| Phase                  | SINGAL                  |
| Minimum Order Quantity | 1                       |
| Brand                  | Dewalt                  |
| Blade Length           | 14 Inches               |
| Item Dimensions LxWxH  | 28 x 7 x 15 Centimeters |
| Power Source           | Corded Electric         |
| Speed                  | 3800 RPM                |
| Cutting Angle          | 90 Degrees              |
| Item Weight            | 400GRMS                 |

12. Kobalt 7.25" Compound Miter Saw

|                |        |                 |      |
|----------------|--------|-----------------|------|
| Arbor Diameter | 5/8-in | Height (Inches) | 18.5 |
|----------------|--------|-----------------|------|

|  |     |                    |          |  |
|--|-----|--------------------|----------|--|
| Bevel Capacity (Degrees)   | 45  | Length (Inches)    | 23.5     |  |
| Cord Length (Feet)   | 6   | Saw Blade Diameter | 7-1/4-in |  |
| Depth of Cut at 45 Degrees (Inches)  | 1.5 | Tool Weight (lbs.) | 22.46    |  |
| Depth of Cut at 90 Degrees (Inches)  | 2   | Width (Inches)     | 22       |  |
| <b>13. Porter Cable 15" 12-Speed Drill Press</b>   |     |                    |          |  |
| <ul style="list-style-type: none"> <li>• Motor: 8.0 Amps</li> <li>• Motor Control: On/Off Toggle</li> <li>• Speeds: 12 (300; 390; 450; 560; 640; 700; 990; 1550; 1620; 1900; 2620; 3100 RPM)</li> <li>• Table Size: 13-15/64 x 13-15/64 "</li> <li>• Table Tilt: L and R: 45 °</li> <li>• Table Insert: No</li> <li>• Column Diameter: 2-7/8 "</li> <li>• Spindle Taper: MT2</li> <li>• Chuck Taper: JT3</li> <li>• Quill Diameter: 1.85 "</li> <li>• Quill Stroke: 4 "</li> <li>• Key Chuck Capacity: 5/8 "</li> <li>• Chuck to Table Capacity: 24-3/4 "</li> <li>• Chuck to Base Capacity: 44-3/8 "</li> <li>• Height: 64 "</li> <li>• Width: 16 "</li> <li>• Depth: 26 "</li> <li>• Weight: 151.10 lbs</li> </ul> |     |                    |          |  |

|  |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
|--|---|----------------------|----------------------|------------------------------|----------------------------------|--------------------------|-------------------------------------|--------------------------|-----------------------|--|----------------------|----------------------------|------------------------------|-------------------|----------------------|----------------------|----------------------|-------------------------|--|------------------------------|--------------------------------|-------------------------|------------------------------|-----------------------------------|--------|----------------------|-----|------------------------|--------|------------------------|-----|--------|--|
| 3.   | <p><b><u>SEWING MACHINE:-</u></b></p> <p>14 stitches</p> <p>5 mm maximum stitch width built in needle threader</p> <table border="1"> <tr><td>Bobbin System</td><td>Auto tripping</td></tr> <tr><td>Button Hole Sewing</td><td>One Step</td></tr> <tr><td>Dimension of Box (LxWxH)</td><td>407 mm x 175 mm x 305 mm</td></tr> <tr><td>Drop Feed for Embroidery</td><td>Yes</td></tr> <tr><td>Needle Threading</td><td>Automatic</td></tr> <tr><td>Number of Stitch Functions</td><td>57</td></tr> <tr><td>Pressure Adjustor</td><td>Dial Type</td></tr> <tr><td>Sewing Light</td><td>Yes</td></tr> <tr><td>Sewing Speed</td><td>860 spm (Stitches Per Minute)</td></tr> <tr><td>Stitch Length Control</td><td>Yes</td></tr> <tr><td>Stitch Pattern Selector</td><td>Dial Type</td></tr> <tr><td>Stitch Width</td><td>5 mm</td></tr> <tr><td>Stitch Width Control</td><td>Yes</td></tr> <tr><td>Thread Tension Control</td><td>Manual</td></tr> <tr><td>Triple Strength Stitch</td><td>Yes</td></tr> </table>  | Bobbin System        | Auto tripping        | Button Hole Sewing           | One Step                         | Dimension of Box (LxWxH) | 407 mm x 175 mm x 305 mm            | Drop Feed for Embroidery | Yes                   | Needle Threading   | Automatic            | Number of Stitch Functions | 57                           | Pressure Adjustor | Dial Type            | Sewing Light         | Yes                  | Sewing Speed            | 860 spm (Stitches Per Minute)          | Stitch Length Control        | Yes                            | Stitch Pattern Selector | Dial Type                    | Stitch Width                      | 5 mm   | Stitch Width Control | Yes | Thread Tension Control | Manual | Triple Strength Stitch | Yes | 1 each |  |
| Bobbin System  | Auto tripping   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Button Hole Sewing   | One Step  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Dimension of Box (LxWxH)                                       | 407 mm x 175 mm x 305 mm  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Drop Feed for Embroidery                                       | Yes   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Needle Threading   | Automatic   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Number of Stitch Functions                                     | 57  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Pressure Adjustor  | Dial Type   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Sewing Light   | Yes   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Sewing Speed   | 860 spm (Stitches Per Minute)   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Stitch Length Control  | Yes   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Stitch Pattern Selector  | Dial Type   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Stitch Width   | 5 mm  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Stitch Width Control   | Yes   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Thread Tension Control   | Manual  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Triple Strength Stitch   | Yes   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| 4  | <p><b><u>POWER TOOLS:-</u></b></p> <p>1. Cordless 18V Drills and Drivers</p> <table border="1"> <tr><td>Battery Voltage-18 V</td></tr> <tr><td>Head Length - 162 mm</td></tr> <tr><td>No-load Speed-0-500/1900 RPM</td></tr> <tr><td>Max. Torque (Hard/Soft)-50/21 Nm</td></tr> <tr><td>Chuck Size-13 mm</td></tr> <tr><td>Max. Drilling (Wood/Metal)-35/10 mm</td></tr> <tr><td>Weight (w/2.0 Ah)-1.3 Kg</td></tr> <tr><td>Chuck Material- Metal</td></tr> <tr><td>Scope of Supply-2*2.0 Ah Li-on Battries, 1 Charger, Carry Case</td></tr> </table> <p>2. 5" Random Orbit Sander</p> <table border="1"> <tr><td>Battery Voltage-18 V</td></tr> <tr><td>No Load Speed-6000-10000</td></tr> <tr><td>Sanding Sheet Diameter-125mm</td></tr> <tr><td>Height-135mm</td></tr> <tr><td>Sanding Stroke-2.5mm</td></tr> <tr><td>Vibration-2.2 m/sec2</td></tr> </table> <p>3. 4-1/2" Angle Grinder</p> <table border="1"> <tr><td>Battery Voltage-18 V</td></tr> <tr><td>No-load Speed-11000 RPM</td></tr> <tr><td>Grinding/Cutting Disc, Diameter-125 mm</td></tr> <tr><td>Grinding Spindle Thread- M14</td></tr> <tr><td>Weight Excluding Battery- 2 Kg</td></tr> <tr><td>Battery Voltage-18 V</td></tr> </table> <p>4. 4.2 Amp Corded Hammer Drill</p> <table border="1"> <tr><td>Power Source-Corded Electric</td></tr> <tr><td>Maximum Rotational Speed -1.3 RPM</td></tr> </table> | Battery Voltage-18 V | Head Length - 162 mm | No-load Speed-0-500/1900 RPM | Max. Torque (Hard/Soft)-50/21 Nm | Chuck Size-13 mm         | Max. Drilling (Wood/Metal)-35/10 mm | Weight (w/2.0 Ah)-1.3 Kg | Chuck Material- Metal | Scope of Supply-2*2.0 Ah Li-on Battries, 1 Charger, Carry Case | Battery Voltage-18 V | No Load Speed-6000-10000   | Sanding Sheet Diameter-125mm | Height-135mm      | Sanding Stroke-2.5mm | Vibration-2.2 m/sec2 | Battery Voltage-18 V | No-load Speed-11000 RPM | Grinding/Cutting Disc, Diameter-125 mm | Grinding Spindle Thread- M14 | Weight Excluding Battery- 2 Kg | Battery Voltage-18 V    | Power Source-Corded Electric | Maximum Rotational Speed -1.3 RPM | 1 each |                      |     |                        |        |                        |     |        |  |
| Battery Voltage-18 V   |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Head Length - 162 mm   |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| No-load Speed-0-500/1900 RPM                                   |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Max. Torque (Hard/Soft)-50/21 Nm                               |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Chuck Size-13 mm   |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Max. Drilling (Wood/Metal)-35/10 mm                            |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Weight (w/2.0 Ah)-1.3 Kg                                       |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Chuck Material- Metal  |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Scope of Supply-2*2.0 Ah Li-on Battries, 1 Charger, Carry Case |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Battery Voltage-18 V   |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| No Load Speed-6000-10000                                       |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Sanding Sheet Diameter-125mm                                   |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Height-135mm   |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Sanding Stroke-2.5mm   |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Vibration-2.2 m/sec2   |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Battery Voltage-18 V   |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| No-load Speed-11000 RPM  |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Grinding/Cutting Disc, Diameter-125 mm                         |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Grinding Spindle Thread- M14                                   |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Weight Excluding Battery- 2 Kg                                 |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Battery Voltage-18 V   |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Power Source-Corded Electric                                   |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Maximum Rotational Speed -1.3 RPM                              |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |

Amperage-6 Amps

Maximum Chuck Size-24 Millimeters

Colour -Black/Blue

Included Components-Rotary Hammer

Special Feature-Reverse Rotation

Product Dimensions-18L x 28W x 8H Centimeters

Material-Plastic

Number of Speeds-3

Speed-1300 RPM

Item Weight-0.3 Kilograms

Maximum Power-790 Watts

Number of Memory Sticks-1

Wattage-790 Watts

#### 5. 6.5 Amp 1- Blade Planer

Amperage-6.5 Amp

Case Type-No Case Included

Height in-6.5"

Length in-11.4"

No Load RPM-1650

Planing Depth-0"-.0625"

Planing Width-0"-3.25"

Rabbet Depth-5/16"

Rabbet Width-3-1/4"

Rating-120V AC

Variable Speed-No

Voltage-120V

Weight-6.7 lb

Width in-6"

#### 6. Variable Speed Reciprocating Saw

Blade Material- Metal

Surface Recommendation-Wood

Power Source-Corded Electric

Special Feature-Ergonomic Handle

Included Components-1- Recip Saw, 1-Hex Key, 1-Wood Cutting Blade

Voltage-120 Volts

Item Weight-3.2 kg

Blade Shape-Round

Product Dimensions- 45.72 x 13.97 x 8.59 cm; 3.2 kg

#### 7. 6.5 Amp Biscuit Joiner

Product Type: Plate Joiner

Amps: 6.5 Amp

Brand Name: DEWALT

Case Included: Yes

Cord length: 8 foot

Corded or Cordless: Corded

Depth Adjustment: Yes

Dust Collection: 1

Maximum Speed: 1000 Revolutions Per Minute

Tool Weight: 6.6 Pound

|   |  |
|---|--|
| Brushed or Brushless: Brushed   |  |
| 8. 18-volt 6-1/2-in cordless circular saw   |  |
| Voltage-18 V  |  |
| Blade Size/Bore Size- 165/20 mm   |  |
| No load Speed- 5000 rpm   |  |
| Cutting Depth 90 Degree/45 Degree-57/41 mm  |  |
| Weight w/o Battery-2.8 Kg   |  |
| Bore Capacity Max-50 Degree   |  |
| Scope of Supply-1x Circular Saw Blade<br>165x1.5/1.0x20 mm  |  |
| 9. 7 Amp Variable Speed Corded Jigsaw   |  |
| Blade Length-8 Inches   |  |
| Item Dimensions L x W x H-14" L x 4" W x 8.43" H  |  |
| Current Rating-7 Amps   |  |
| Number of Teeth-10  |  |
| Power Source-Corded Electric  |  |
| Special Features-Ergonomic Handle   |  |
| 10. 2-1/2" 16- Gauge Finish Nailer  |  |
| Gauge-16  |  |
| Item Nail Gun   |  |
| Fastener Range-1- 2 1/2"  |  |
| Gun Type-Finish   |  |
| Nail type-Brad  |  |
| Item Weight- 5.1 lbs  |  |
| 11. 1-1/2" 18 Gauge Narrow Crown Stapler  |  |
| Assembled Depth (in inches) -14.43  |  |
| Assembled Height (in inches)-13.65  |  |
| Assembled Weight (in lbs)-5.24  |  |
| Assembled Width (in inches)-3.71  |  |
| Packaged Depth (in inches)-14.43  |  |
| Packaged Height (in inches)-13.65   |  |
| Packaged Weight (In lbs)-5.236  |  |
| Packaged Width (in inches)-3.705  |  |
| Cordless/Corded-Cordless  |  |
| Max. Fastener Size (In.)-1-1/2  |  |
| Min. Fastener Size (In.)-1/2  |  |
| Min. Recommended Operating Pressure (Psi.)-70   |  |
| Nail Gauge (Ga.)-18   |  |
| Power Source-Air  |  |
| 12. MIG 100 Flux Wire Welder  |  |
| Welding Current-35 ~ 88   |  |
| Duty CycleInput- 30% at 70 amps; 45% at 55 amps   |  |
| Input Power- 120 V AC, 20 amps (max) at 60 Hz   |  |
| Open Circuit Voltage- (max) 34 V DC   |  |
| Thermal Overload Protection with Light Automatic shutdown and restart after cool down                 |  |
| Wire Size- 0.025 to 0.030 in. steel and stainless steel;<br>0.030 to 0.035 in. flux core and aluminum |  |

|    |  |        |  |
|----|--|--------|--|
|    | <p>Cable Sizes- Power: 16 AWG x 3C x 6 ft.<br/>     Ground: 8 AWG, 6 ft. (10mm<sup>2</sup>)<br/>     Gun: 8 AWG, 6 ft. (10mm<sup>2</sup>)</p> <p>Welding Capacity- 1 mm to 1/4 in. steel</p> <p>Wire Spool Size- 2 lb. Spool</p>   |        |  |
| 5. | <p><b><u>ELECTRONICS WORKBENCH:-</u></b></p> <p>soldering irons power supplies wire and electronics components screwdriver sets and other small tools heat guns Dremel tools and accessories</p> <ul style="list-style-type: none"> <li>• The basic structure should be made of 38 X 38 X 1.5 mm CRC powder coated pipes for sturdiness.</li> <li>• The overall dimensions of Workbench should be not less than Width = 1200 mm; Depth = 750 mm; Height = 1150 mm</li> <li>• MS drawers 03 numbers: Width = 275 mm; Depth = 375 mm; Height = 100 mm and Thickness = 1.2mm with handle &amp; separate lock on each drawer should be provided</li> <li>• For the panel section, raised back height of 1200mm from floor with matching height support from the side at a depth 500mm for instrument housing with a MS Panel strip below it for housing Electrical Sockets and Switches for external use.</li> <li>• Two Pole MCB (32A – Havells / Siemens) to be provided for safety of Workbench</li> <li>• There should be provision to mount main / mother training and development platform on front panel along with the instruments for easy performing the experiments which should provide visibility for the students working in a group.</li> <li>• Workbench should work on Mains Supply - 240 V AC, 50 Hz</li> <li>• Technical specifications of instruments and facility to be installed on the Workbench should be as under:</li> <li>• 50 MHz Four Channel Digital Storage Oscilloscope</li> <li>• 10 MHz Function Generator with Counter (DDS Technology)</li> <li>• 2.2.3 Dual DC Programmable Power Supply, 2 X 30 V, 2 A</li> <li>• Temperature controlled Soldering and De soldering station with soldering iron and de soldering gun</li> <li>• Multimeter cum LCR Meter</li> <li>• Transformer</li> <li>• Induction Coil</li> <li>• Rheostat and Dimmer</li> <li>• Various Meter assembly – Analog voltmeter, ammeter, wattmeter, multifunction meter, energy meter, power factory meter, frequency meter and flux meter</li> </ul> | 1 each |  |

|    |  |        |  |
|----|--|--------|--|
| 6. | <p><b><u>FIBER ARTS ACCESSORIES:-</u></b></p> <p>ironing boards and irons<br/>cutting mats<br/>scissors, shears, rotary cutters<br/>acrylic rulers, fabric markers<br/>knitting needles, crochet hooks<br/>pins and safety pins<br/>materials such as yarn, muslin, threads, velcro, zippers, etc.</p>   | 1 each |  |
| 7. | <p><b><u>HAND TOOLS:-</u></b></p> <p>1. driver socket sets</p> <ul style="list-style-type: none"> <li>• SPEC: Wrenches are designed to meet or exceed ANSI specifications</li> <li>• FINISH: Forged from high quality steel and finished in high polish chrome.</li> <li>• INCLUDES: 7 Pc 3/8 Drive 12 Point Socket:<br/>3/8,7/16,1/2,9/16,5/8,11/16,3/4  12 Pc 3/8 Drive 12 Point Sockets: Metric- 8,9,10,11,12,13,14,15,16,17,18,19mm 9 Pc 1/4 Drive Bit Set: Pozidriv Bit-1,2,3mm and Hex Bit- 3,4,5,6,7,8mm 9 Pc 1/4 Drive Bit Set: Slotted Bits- 4,5,6 and Torx® Bits - T10,T15,T20,T30,T40</li> </ul> <p>2. Wrenches</p> <p>Adjustable Wrenches</p> <p>Combination Wrenches</p> <p>Ratcheting Combination Wrenches</p> <p>3. Screw drivers</p> <p>Number of Items- 58<br/>Head Style- Torx<br/>Colour- Black<br/>Special Feature- Durable<br/>Item dimensions L x W x H- 30.5 x 25.4 x 9.5 Centimeters<br/>Item Weight- 3.07 Pounds</p> <p>4. Pliers</p> <p>Combination Pliers (Length 165mm)<br/>Long Nose Pliers Flat Nose (Length 165mm)<br/>Long Nose Pliers Round Nose (Length 165mm)<br/>Long Nose Pliers Long Nose (Length 165mm)<br/>Bent Nose Pliers (Length 165mm)<br/>Bent Nose Pliers (Length 210mm)<br/>Side Cutting Pliers (Length 165mm)<br/>Side Cutting Pliers (Length 205mm)<br/>Circlip Pliers (Length 195mm)</p> <p>5. Tap and die set</p> <ul style="list-style-type: none"> <li>• 34pc. Tap and Die:<br/>m3x0.5,m3x0.6,m4x0.7,m4x0.75,m5x0.8,<br/>m5x0.9,m6x0.75,m6x1.0,m7x0.75,m7x1.0,</li> </ul> | 1 each |  |

m8x1.0,m8x1.25,m10x1.25,m10x1.5,m12x1.25,  
 m12x1.5,1/8NPT27

- Material: Alloy Steel
- 1pc. Tap Wrench(m3-m12)
- 1pc. "T" Type Tap Wrench
- 1pc.Die Stock 25mm
- 1pc.Screw Driver
- 1pc.Screw Pitch Gauge

#### 6. files, rasps, shaping tools

|                                      |
|--------------------------------------|
| Flat Files (Bastard)                 |
| Flat Files (Smooth)                  |
| Hand Files (Bastard)                 |
| Hand Files (Smooth)                  |
| Round Files (Bastard)                |
| Round Files (Smooth)                 |
| Half Round File (Bastard)            |
| Half Round File (Smooth)             |
| Three Squire Files (Bastard)         |
| Three Squire Files (Smooth)          |
| Square Files (Bastard)               |
| Square Files (Smooth)                |
| Knife Files (100 mm)                 |
| Pillar Narrow Files (150 mm)         |
| Flat Handles File (250 mm)           |
| Flat Handles File (250 mm)           |
| Feather Edge Files (125 mm)          |
| Warding Files (100 mm)               |
| Pit Saw                              |
| Flat Wood RASP Files (Bastard)       |
| Flat Wood RASP Files (Smooth)        |
| Half Round Wood RASP Files (Bastard) |
| Half Round Wood RASP Files (Smooth)  |
| Mill Files                           |
| Slim Taper Saw Files                 |
| Regular Taper Saw Files              |
| Heavy Taper Saw Files                |

#### 7. Clamps

|       | Content | Size (Max. Opening mm) |
|-------|---------|------------------------|
| Clamp | C Clamp | 55                     |
|       |         | 80                     |
|       |         | 105                    |
|       |         | 155                    |
|       | F Clamp | 200                    |
|       |         | 250                    |

#### 8. Hammers and mallets

|   |
|---|
| Hammer with Handle (Ball Pein & Cross Pein) |
|---|

|        |
|--------|
| Weight |
|--------|

|                                      |   |   |  |
|--------------------------------------|---|---|--|
| 110                                  |   |   |  |
| 200                                  |   |   |  |
| 340                                  |   |   |  |
| 500                                  |   |   |  |
| <b>Claw Hammer with Handle</b>       |   |   |  |
| <b>Weight</b>                        |   |   |  |
| 340                                  |   |   |  |
| 450                                  |   |   |  |
| <b>Machinist Hammer with Handle</b>  |   |   |  |
| <b>Weight</b>                        |   |   |  |
| 100                                  |   |   |  |
| 200                                  |   |   |  |
| 300                                  |   |   |  |
| 400                                  |   |   |  |
| 500                                  |   |   |  |
| <b>Club Hammer with Handle</b>       |   |   |  |
| <b>Weight</b>                        |   |   |  |
| 800                                  |   |   |  |
| 1000                                 |   |   |  |
| <b>Soft Faced Hammer with Handle</b> |   |   |  |
| <b>Mallet Size (mm)</b>              |   |   |  |
| 20                                   |   |   |  |
| 30                                   |   |   |  |
| 40                                   |   |   |  |
| 50                                   |   |   |  |
| <b>Electrician Hammer</b>            |   |   |  |
| <b>No</b>                            |   |   |  |
| 5                                    |   |   |  |
| 9.                                   | Hex key set   |   |  |
|                                      | DL233108 T-Type Flat End Hex Key Set  | 2x75mm, 2.5x75mm, 3x100mm, 4x100mm, 5x150mm, 6x150mm, 8x200mm, and 10x200mm |  |
| 8.                                   | <b>ETCHING/PRINTING PRESS</b><br>Motorised The Speedball Etching Press can be used for printing etchings, monotype, and dry point plates, woodcuts, and linocuts. The bed is 24" x 36"  | 1 each  |  |
| 9.                                   | <b>LEATHER WORKING TOOLS</b><br>Set A :for Beginner can make vegetable tanner leather such as leather wristband, belt, envelop bag<br>1* Since Awl ( Round)<br>1* Since Pricking Iron Tool ( Japanese Style 3.0mm 2+6)<br>1* Since America Edger (Size 0)<br>1* Since America Edger (Size 2)<br>1* Thread ( 1 roll 0.55mm Cream, if you want other size or color please tell me)<br>1* Cutting mat<br>5* Polishing Strip<br>1* Erase glue tool<br>1* Scribble glue tool | 1 each  |  |

|  |  |  |
|--|--|--|
| <p>1* Stitching pony<br/>1* Rubber hammer<br/>5* Round punch (size 1-5)<br/>1* Stainless steel ruler<br/>1* High-density sponge<br/>10* Sand paper (400/800/1500/2000/2500 mesh)<br/>1* Scissor<br/>1* Oxford pad (148mm X 210mm)<br/>4* Needles (size 4)<br/>3* Snap setter<br/>1* Wallpaper knife<br/>1* box</p> |  |  |
|--|--|--|

Set B :for Advanced can make Japanese Style leather

1\* Since leather cutter  
1\* Since Awl Japanese style  
1\* Since Screw Creaser  
1\* Since wooden folder  
1\* Sharpener paste  
25\* Cotton swabs

Set C :for professional

1\* Pricking Iron Tool Japanese style (4.5mm 2+6)  
1\* Since adjustable groove creaser  
1\* Since wide edger  
1\* Since Groove creaser (size 0)  
1\* Since groover (blade 1.2 and 2.0)  
1\* Alcohol lamp  
1\* Compass  
1\* Sharpener plate  
1\* A leather hammer instead of rubber hammer  
7\* Round punch (size 6-12)  
25\* Cotton swabs

# **SANGAM RISE FOUNDATION**

Sangam University, Panchayat Atun, Pur Road, Bhilwara- 311001, Rajasthan

E-mail: [sangamrise@sangamuniversity.ac.in](mailto:sangamrise@sangamuniversity.ac.in)

(Section 8 Company registered under the Companies Act, 2013 (18 of 2013))

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## **INSTRUCTIONS TO TENDERER**

Tender documents can be downloaded website from **Sangam University Bhilwara, Rajasthan**

**[www.sangamuniversity.ac.in](http://www.sangamuniversity.ac.in)** and **SANGAM RISE FOUNDATION [www.sangamrise.org](http://www.sangamrise.org)** from 25 Nov 2025 onwards. A Demand Draft in favor of "Sangam Rise Foundation" payable at Bhilwara for Tender Fees may be enclosed in a separate Envelope-1.

1. The Earnest Money Deposit of Rs. 56,000/- (Rs. Fifty-Six Thousand only) by way of Demand Draft only drawn in favor of "Sangam Rise Foundation" payable at Bhilwara shall be submitted along with Tender in Envelope-1 as explained bid Documents. The offers without EMD will be rejected. (NEFT/RTGS facility acceptable bank account no. maintain on page no.03)
2. The Quantity of Fabrication Lab Items required maintain in bid. The said quantity is a tentative number and may vary as per requirement.
3. The Tender shall be duly, properly, and comprehensively completed in all fields as required in the Bid Documents. Every page of the Tender shall be signed and stamped with the company's official seal by the Authorized Signatory of the Tenderer..
4. The Tenderer shall submit a list of major clients, along with complete contact details, to whom similar services have been rendered during the preceding three (3) years.
5. Any cutting/overwriting, or alteration etc. in the tender shall be authenticated by the signature of the person signing the Tender. The rates and units shall not be overwritten under any circumstances. All financial figures in financial bid shall always be both in figures and words. In case of any discrepancy in figures and words, the amount written in words shall be prevail.
6. The tenderer shall submit duly filled tender in the prescribed format in a sealed envelope by 16-12-2025 upto 05:00 PM at the office of **Chairman Finance and Purchase Committee, Sangam Rise Foundation, Sangam University, Panchayat Atun, Pur Road, Bhilwara- 311001, Rajasthan**. The sealed envelope shall be superscribed as "Tender for Procurement of Fabrication Lab /D&D Equipment's items" and its due date. The sealed envelope should contain three sealed envelopes inside it as described below-  
Envelope-1 shall contain EMD & tender fees both in the form of Demand Draft in favor of "Sangam Rise Foundation" payable at Bhilwara". In case the tender documents collected by hand, a cash receipt towards cost of tender shall be enclosed. The units Exempted from EMD shall enclose a valid certificate in this envelope. The said envelope shall be sealed and be superscribed as' EMD & Fees of Tender for Procurement of Fabrication Lab Items.  
Envelope-2 shall contain Technical Bid completed in all respects including
  - Annexure-I duly filled up
  - Copies of PAN, TIN/VAT/GST registration etc.
  - Client list in prescribed format as given in Annexure.
  - Duly signed & stamped all pages of this tender, The Envelope shall be sealed and super scripted as 'Technical Bid Procurement of Fabrication Lab / D&D Equipment's & Tools".

- Authorization Letter/ Board resolution in favour of authorized signatory. (not required in case of Proprietary / partnership firm if the proprietor/partnership himself signs the documents)
- Copy of Articles and Memorandum of Association or Partnership deed or proprietorship certificate as the case may be.

**Envelope-3** shall contain Financial Bid with Price Offer filled in prescribed format in Annexure. II. The sealed envelope shall be superscripted as' Financial Bid for Fabrication Lab / D&D Equipment's & Tools".

The tender received within the stipulated date and time will be opened at the office of Chairman Finance and Purchase Committee, Sangam Rise Foundation, Sangam University, Panchayat Atun, Pur Road, Bhilwara- 311001, Rajasthan, in the presence of available tenders, on 17.12.2025 at 01:00 P.M. The Tenderer or their authorized representative (One person only) may be present at the time of opening of the tender. The date for opening second envelope containing financial bid will be intimated to the qualified bidders separately.

7. The Tenderer shall seek clarifications on email - [sangamrise@sangamuniversity.ac.in](mailto:sangamrise@sangamuniversity.ac.in) if any before submitting the tender.
8. Tenderer shall take into account all costs including but not limited to installation, cartage, handling, and any other incidental expenses etc. for Procurement of Fabrication Lab Items at site i.e. Sangam University Bhilwara, Rajasthan before quoting the rates. In this regard no claim for any additional payment on any ground or for any reason shall be entertained.
9. All the communication with respect to the tender shall be addressed to:

To,

**Chairman Finance and Purchase Committee, Sangam Rise  
Foundation, Sangam University, Panchayat Atun, Pur  
Road, Bhilwara- 311001, Rajasthan**  
E-mail: [sangamrise@sangamuniversity.ac.in](mailto:sangamrise@sangamuniversity.ac.in)



**Chairman Finance and Purchase Committee  
Sangam Rise Foundation  
Sangam University, Bhilwara, Rajasthan**

# **SANGAM RISE FOUNDATION**

Sangam University, Panchayat Atun, Pur Road, Bhilwara- 311001, Rajasthan

E-mail: [sangamrise@sangamuniversity.ac.in](mailto:sangamrise@sangamuniversity.ac.in)

(Section 8 Company registered under the Companies Act, 2013 (18 of 2013))

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## **TERMS AND CONDITIONS**

Submission of the duly signed tender implies that these conditions of tender have been read by the Tenderer and is aware of the scope of the supply i.e. supply of "Fabrication Lab /D&D Equipment & Tools". The final acceptance of the tender rests with the Chairman Finance and Purchase Committee, Sangam Rise Foundation, Sangam University, Panchayat Atun, Pur Road, Bhilwara- 311001, Rajasthan, who reserves the right to accept or reject any or all tenders at any stage of this tender process without assigning any reason therefore.

1. The Procurement of Fabrication Fabrication Lab / D&D Equipment's & Tools shall be in compliance to the specifications mentioned in Technical Bid
2. If any of these machines are with preloaded of any license the Tenderer shall provide all supporting documents evidencing the authenticity and validity of such licenses, which shall be submitted along with the machines.
3. The delivery period of the first supplies should be within 30 days from the date of confirmed order from Chairman Finance and Purchase Committee, Sangam Rise Foundation, Sangam University, Panchayat Atun, Pur Road, Bhilwara- 311001, Rajasthan. In Case tenderer fails to supply within the accepted period, EMD shall be forfeited.
4. The successful bidder shall be responsible for ensuring the smooth functioning of all system supplied. Any complaint or defect shall be addressed within three working days of from the date of such reporting. In the event that the Supplier is unable to resolve the complaint within the said period, the Supplier shall, on the **third working day**, provide a replacement unit of equivalent or superior specifications at no additional cost to the Purchaser, until the original item is fully repaired and restored to proper working condition.
5. Validity period of the quotation shall be minimum 03 Months from the date of opening of this tender.
6. All the pages of this tender shall be signed with date by the Authorized Signatory of tenderer with their company stamp/ seal & submit along with Technical Bid.
7. Tender is liable be rejected in case EMD at prescribed rate is not furnished along with the tender.
8. The EMD will be returned to the unsuccessful bidders soon after the orders are placed on the successful bidder. In case of successful bidder, the EMD amount shall be retained and shall be released at the end of contract. Chairman Finance and Purchase Committee, Sangam Rise Foundation, Sangam University, Panchayat Atun, Pur Road, Bhilwara- 311001, Rajasthan shall not be liable for payment of any interest on EMD.
9. The EMD will be forfeited in following cases:

i. If the bidder fails to accept the order based on his offer (bid) and within the prescribed time.

10. In the event the Bidder delays the delivery of supplies beyond a reasonable time, thereby causing disruption to the operations the Chairman, Finance and Purchase Committee, Sangam Rise Foundation, Sangam University, Panchayat Atun, Pur Road, Bhilwara- 311001, Rajasthan works, The price quoted shall be final & firm, however any variation in the taxes, duties, levies etc. during the period of supplies shall be paid as applicable at that time. No representation for the enhancement of the accepted tender or alteration of the terms and conditions will be entertained during the period of contract.
11. Payment Shall be made on an annual basis and shall be released after proper installation subject to satisfactory performance. The supplier shall submit a valid tax invoice on yearly for the release of payment.
12. The tenders received after the stipulated date and time or tender received with conditions will not be accepted. Tenders not submitted in the prescribed form or in complete in any form are liable to be rejected. Tenders which propose any alterations in the conditions specified will be rejected.
13. Chairman Finance and Purchase Committee, Sangam Rise Foundation, Sangam University, Panchayat Atun, Pur Road, Bhilwara- 311001, Rajasthan reserves the right to reject any bid/tender wholly or partly at any stage of tendering without assigning any reason.
14. In case the services are not found satisfactory or any complaint is not attended within 7 working days, Chairman Finance and Purchase Committee, Sangam Rise Foundation, Sangam University, Panchayat Atun, Pur Road, Bhilwara- 311001, Rajasthan reserves the right to terminate the services with immediate effect.
15. In case the Supplier wishes to withdraw its services, it shall give a notice period of minimum two months before withdraw of services.
16. In the event of any dispute the legal matter shall be subjected to the jurisdiction of Bhilwara Court only.
17. This tender does not have any binding on Chairman Finance and Purchase Committee, Sangam Rise Foundation, Sangam University, Panchayat Atun, Pur Road, Bhilwara- 311001, Rajasthan for acceptance of the Tender.
18. The Bidder shall, on intimation of acceptance of the bid from the Chairman Finance and Purchase Committee, Sangam Rise Foundation, Sangam University, Panchayat Atun, Pur Road, Bhilwara- 311001, Rajasthan submit an agreement bond on non-judicial stamp of Rs 1000/- for prompt supplies, within period specified in the letter and also deposit the amount of security money if required under above terms and condition along with the agreement bond failing which the earnest money deposited with the bid will be forfeited.
19. **Liquidated Damages (L.D.):**  
If a supplier fails to execute the order in time as per the terms and conditions stipulated therein, it will be opened to the purchaser to recover liquidated damages for delay in delivery and installation from the supplier as per the provisions of Rajasthan Transparency in Public

Procurement Act 2012 (Act No.21 of 2012) Rules 2013 Govt. of Rajasthan / GF& AR and amended from time to time. The L.D. charges can be increased in case of gross violation of the purchase order terms as decided by the Chairman Finance and Purchase Committee, Sangam Rise Foundation, Sangam University, Panchayat Atun, Pur Road, Bhilwara 311001, Rajasthan of the University.

- (a) Delay upto 1/4th of the time period of supply: 2.5%
- (b) Delay 1/4th and above but less than ½ of supply period: 5%
- (c) Delay ½ and above but less than 3/4th of the supply period: 7.5%
- (d) Delay more than 3/4th of the time period of supply: 10%

If the delay is more than 30 days from the period of supply mentioned in the order, department/purchasing officer may deduct amount after evaluating loss due to the delay.

20. Whether the Company is black listed from any Govt. Institution/University, please provide a certificate on 50/- Rs. Non- Judicial Stamp paper.
21. The provisions of **RTPP Act, 2013** and amendments thereto shall be applicable for this procurement. Furthermore, in case of any inconsistency in any of the bidding document with the RTPP Act, 2018 (second amendment) and Rules thereto (amended upto 25-07-2019), the later shall prevail.
22. **Transfer and Subletting:** The supplier shall not sublet, transfer, assign or otherwise part with the acceptance to the tender or any part thereof, either directly or indirectly, without the prior written permission of the Purchaser.
23. **Payment:** The payment to the supplier will be made after successful installation of the equipment.
  - **Additional Points:** If the ITEM supplied by the Bidder fails during the warranty period, the supplier is required to repair/replace faulty devices/components/parts. If the ITEM shows frequent failure and requires frequent repair during warranty period, the supplier is required to replace the system free of cost.
  - If there are any update/additional information in the submitted tender, a corrigendum will be published on the university website as per prevalent rules. Bidder needs to take into account the corrigendum published on university website before submitting the bids online.
24. **Defective Equipment:** If any of the equipment supplied by the Supplier is found to be substandard, refurbished, un-merchantable or not in accordance with the description/specification or otherwise faulty, the committee will have the right to reject the equipment or its part. The prices of such equipment shall be refunded by the Supplier with 18% interest if such payments for such equipment have already been made. All damaged or unapproved goods shall be returned at suppliers cost and risk and the incidental expenses incurred thereon shall be recovered from the supplier. Defective part (s) in equipment, if found before installation and/or during warranty period, shall be replaced within 30 days on receipt of the intimation from this office at the cost and risk of supplier including all other charges. In case supplier fails to replace above item as per above terms & conditions, Sangam University may consider "Banning" the supplier.

**Sign of Authorized Signatory  
With Seal**

# **SANGAM RISE FOUNDATION**

Sangam University, Panchayat Atun, Pur Road, Bhilwara- 311001, Rajasthan

E-mail: [sangamrise@sangamuniversity.ac.in](mailto:sangamrise@sangamuniversity.ac.in)

(Section 8 Company registered under the Companies Act, 2013 (18 of 2013)

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**Annexure -I**

## **TECHNICAL BID**

### **FORMAT & REQUIREMENTS**

1. Tender Ref. No:.....
2. Name of Tenderer:.....
3. Complete office address of Tenderer.....  
.....  
.....
4. PAN Number of Tenderer (copy to be enclosed).....
5. GST number of Tenderer (copy to be enclosed).....
6. Contact details of authorized person of tenderer who have signed the tender
7. a. Name.....  
b. Designation.....  
c. Phone (Office).....  
d. Phone (Mobile).....  
e. Email.....
8. **Delivery period** after receipt of order 30 days. The rafter delivery period against each subsequent supply order 7 days, **Validity of quotation** from the date of opening of Bid 90days.
9. EMD Details –Demand Draft No. & Date.....
10. Cost of Tender–Demand Draft No./Receipt No. & Date.....

| S. No.                | <u>Technical Details of “Fabrication Lab /D&amp;D Equipment’s &amp; Tools”</u><br><b>Specification:</b> Procurement of Fabrication Lab /D&D Equipment’s & Tools.   | Quantity              | Acceptance for Supplies<br>By Bidder Specify Yes/No |                     |        |               |        |              |        |       |         |              |   |                   |               |               |           |              |               |            |            |              |        |              |             |                |                                |       |  |
|-----------------------|--|-----------------------|---|---------------------|--------|---------------|--------|--------------|--------|-------|---------|--------------|---|-------------------|---------------|---------------|-----------|--------------|---------------|------------|------------|--------------|--------|--------------|-------------|----------------|--------------------------------|-------|--|
| 1.                    | <b>CNC ROUTER</b><br>Specifications -<br>48" x 96" bed (accommodates standard-size plywood sheets)<br>1/4" and 1/8" spiral router bits<br><input checked="" type="checkbox"/> 4 heads, the head can work at the same time<br><input checked="" type="checkbox"/> Constant Power water cooling spindle, Higher working strength. <table border="1" data-bbox="225 593 1139 1374"> <tbody> <tr> <td data-bbox="225 593 556 692">X-Y Axis Working Area</td><td data-bbox="556 593 1139 692">1300 x 2500 mm</td></tr> <tr> <td data-bbox="225 692 556 747">Z Axis Working Area</td><td data-bbox="556 692 1139 747">300 mm</td></tr> <tr> <td data-bbox="225 747 556 802">Spindle Power</td><td data-bbox="556 747 1139 802">4.5 kW</td></tr> <tr> <td data-bbox="225 802 556 857">Machine Type</td><td data-bbox="556 802 1139 857">4 Axis</td></tr> <tr> <td data-bbox="225 857 556 912">Brand</td><td data-bbox="556 857 1139 912">Success</td></tr> <tr> <td data-bbox="225 912 556 1015">Job Material</td><td data-bbox="556 912 1139 1015">Wood, MDF, HDF, Plywood, PVC, Foam Board, Sign Board, Acrylic</td></tr> <tr> <td data-bbox="225 1015 556 1070">Spindle Head Type</td><td data-bbox="556 1015 1139 1070">Multi-Spindle</td></tr> <tr> <td data-bbox="225 1070 556 1125">Spindle Speed</td><td data-bbox="556 1070 1139 1125">18000 RPM</td></tr> <tr> <td data-bbox="225 1125 556 1180">X-Y Movement</td><td data-bbox="556 1125 1139 1180">Rack &amp; Pinion</td></tr> <tr> <td data-bbox="225 1180 556 1235">Z movement</td><td data-bbox="556 1180 1139 1235">Ball Screw</td></tr> <tr> <td data-bbox="225 1235 556 1290">Command Code</td><td data-bbox="556 1235 1139 1290">G-Code</td></tr> <tr> <td data-bbox="225 1290 556 1345">Driven Motor</td><td data-bbox="556 1290 1139 1345">Servo Motor</td></tr> <tr> <td data-bbox="225 1345 556 1374">Control System</td><td data-bbox="556 1345 1139 1374">Digital Signal Processor (DSP)</td></tr> </tbody> </table> | X-Y Axis Working Area | 1300 x 2500 mm                                      | Z Axis Working Area | 300 mm | Spindle Power | 4.5 kW | Machine Type | 4 Axis | Brand | Success | Job Material | Wood, MDF, HDF, Plywood, PVC, Foam Board, Sign Board, Acrylic | Spindle Head Type | Multi-Spindle | Spindle Speed | 18000 RPM | X-Y Movement | Rack & Pinion | Z movement | Ball Screw | Command Code | G-Code | Driven Motor | Servo Motor | Control System | Digital Signal Processor (DSP) | 1 Nos |  |
| X-Y Axis Working Area | 1300 x 2500 mm   |                       |   |                     |        |               |        |              |        |       |         |              |   |                   |               |               |           |              |               |            |            |              |        |              |             |                |                                |       |  |
| Z Axis Working Area   | 300 mm   |                       |   |                     |        |               |        |              |        |       |         |              |   |                   |               |               |           |              |               |            |            |              |        |              |             |                |                                |       |  |
| Spindle Power         | 4.5 kW   |                       |   |                     |        |               |        |              |        |       |         |              |   |                   |               |               |           |              |               |            |            |              |        |              |             |                |                                |       |  |
| Machine Type          | 4 Axis   |                       |   |                     |        |               |        |              |        |       |         |              |   |                   |               |               |           |              |               |            |            |              |        |              |             |                |                                |       |  |
| Brand                 | Success  |                       |   |                     |        |               |        |              |        |       |         |              |   |                   |               |               |           |              |               |            |            |              |        |              |             |                |                                |       |  |
| Job Material          | Wood, MDF, HDF, Plywood, PVC, Foam Board, Sign Board, Acrylic  |                       |   |                     |        |               |        |              |        |       |         |              |   |                   |               |               |           |              |               |            |            |              |        |              |             |                |                                |       |  |
| Spindle Head Type     | Multi-Spindle  |                       |   |                     |        |               |        |              |        |       |         |              |   |                   |               |               |           |              |               |            |            |              |        |              |             |                |                                |       |  |
| Spindle Speed         | 18000 RPM  |                       |   |                     |        |               |        |              |        |       |         |              |   |                   |               |               |           |              |               |            |            |              |        |              |             |                |                                |       |  |
| X-Y Movement          | Rack & Pinion  |                       |   |                     |        |               |        |              |        |       |         |              |   |                   |               |               |           |              |               |            |            |              |        |              |             |                |                                |       |  |
| Z movement            | Ball Screw   |                       |   |                     |        |               |        |              |        |       |         |              |   |                   |               |               |           |              |               |            |            |              |        |              |             |                |                                |       |  |
| Command Code          | G-Code   |                       |   |                     |        |               |        |              |        |       |         |              |   |                   |               |               |           |              |               |            |            |              |        |              |             |                |                                |       |  |
| Driven Motor          | Servo Motor  |                       |   |                     |        |               |        |              |        |       |         |              |   |                   |               |               |           |              |               |            |            |              |        |              |             |                |                                |       |  |
| Control System        | Digital Signal Processor (DSP)   |                       |   |                     |        |               |        |              |        |       |         |              |   |                   |               |               |           |              |               |            |            |              |        |              |             |                |                                |       |  |

|                        |                             |  |        |  |  |  |
|------------------------|-----------------------------|--|--------|--|--|--|
| 2.                     | <b><u>FLOOR TOOLS:-</u></b> |  | 1 each |  |  |  |
|                        | 1. Saw stop 10" table saw   |  |        |  |  |  |
|                        | SKU                         | : POW.SAW.36619456   |        |  |  |  |
|                        | No Load Speed               | : 4300 RPM   |        |  |  |  |
|                        | Weight                      | : 24.4 kg  |        |  |  |  |
|                        | Power                       | : 1800 W   |        |  |  |  |
|                        | Rated Input Power           | : 1,800 W  |        |  |  |  |
|                        | Incline Settings            | : 45 ° L / 0 ° R   |        |  |  |  |
|                        | Table Size                  | : 555 x 555 mm   |        |  |  |  |
|                        | Saw blade bore diameter     | : 30 mm  |        |  |  |  |
|                        | Part No                     | : 0601B450F0   |        |  |  |  |
|                        | Dimension (LXWXH) cm        | : 39.4L x 27.2W x 24.4H                                    |        |  |  |  |
|                        | 2. Jet 14" Band Saw:-       |  |        |  |  |  |
|                        | Warranty                    | 1 year   |        |  |  |  |
|                        | Type Of Saw                 | Vertical   |        |  |  |  |
|                        | No Load Speed               | 2 Speed  |        |  |  |  |
|                        | Capacity                    | 12"  |        |  |  |  |
|                        | Usage/Application           | Wood Cutting   |        |  |  |  |
|                        | Material                    | Steel Body   |        |  |  |  |
|                        | Saw Band Width              | 1"   |        |  |  |  |
|                        | Wheel Diameter              | 12"  |        |  |  |  |
|                        | Automation Grade            | Semi-Automatic   |        |  |  |  |
|                        | Table Size                  | 12 x 12"   |        |  |  |  |
|                        | Blade Tension               | Manual   |        |  |  |  |
|                        | Motor HP                    | 3HP  |        |  |  |  |
|                        | Blade Speed                 | 100 Mtr/Min  |        |  |  |  |
|                        | 3. Jet 16" Surface Planer   |  |        |  |  |  |
|                        | Power Source                | : AC   |        |  |  |  |
|                        | No Load Speed               | : 8500 RPM   |        |  |  |  |
|                        | Type of Product             | : Electric Wood Planer                                     |        |  |  |  |
|                        | Wattage                     | : 1250 W   |        |  |  |  |
|                        | Color                       | : Orange, Actual Color May Vary                            |        |  |  |  |
|                        | Cutting Width               | : 204 mm   |        |  |  |  |
|                        | Dimension                   | : 77x37x50 cm  |        |  |  |  |
|                        | Model No                    | : WPT-200A   |        |  |  |  |
|                        | Application                 | : Industrial   |        |  |  |  |
|                        | Base Material               | : Alloy Steel  |        |  |  |  |
|                        | Style                       | : DIY  |        |  |  |  |
|                        | Included Components         | : Dust collector, Electric Wood planer, Blade, User manual |        |  |  |  |
|                        | Amperage Rating             | : 5 Amps   |        |  |  |  |
| 4. Jet 6" Edge Jointer |                             |  |        |  |  |  |

|  |                                |
|--|--------------------------------|
| Material                               | Alloy Steel, Cast Iron         |
| Color                                  | White                          |
| Product Dimensions                     | 56" L x 22" W x 37.5" H        |
| Item Weight                            | 238 unds                       |
| 5. Jet 6" Belt Sander                  |                                |
| Disc Diameter                          | 9 Inch                         |
| Power Consumption                      | Electric Motor                 |
| Sander Type                            | Any                            |
| Warranty                               | 1 year                         |
| Material                               | MS                             |
| Usage/Application                      | Industrial                     |
| Voltage                                | 220V                           |
| Frequency                              | 50Hz                           |
| 6. Hitachi 10" Compound Miter Saw      |                                |
| Colour                                 | Green                          |
| Surface Recommendation                 | Nylon, Wood, Stainless Steel   |
| Power Source                           | Corded Electric                |
| Included Components                    | nil                            |
| Product Dimensions                     | 5L x 20W x 20H Centimeters     |
| Voltage                                | 120 Volts                      |
| Speed                                  | 4500 RPM                       |
| Blade Length                           | 255 Millimetres                |
| Number of Teeth                        | 80                             |
| Colour                                 | Green                          |
| 7. Fox Oscillating Spindle Sander      |                                |
| No Load Speed                          | 2000/min1                      |
| Brand                                  | Triton                         |
| Weight                                 | 12.9 Kg                        |
| Dimensions                             | 450 x 390 x 330 mm (H x L x W) |
| Power                                  | 450 W                          |
| Sound Pressure LP                      | 76dB                           |
| Sound Power LW                         | 89dB                           |
| Motor Power                            | 450 W                          |
| Minimum Order Quantity                 | 1 Piece                        |
| 8. Bosch Adjustable Router Table       |                                |
| Material                               | Aluminum                       |
| Power Source                           | Corded Electric                |
| Product Dimensions                     | 27" W x 14.5" H                |
| Voltage                                | 120 Volts                      |
| 9. Ryobi 16" Variable Speed Scroll Saw |                                |

|               |          |
|---------------|----------|
| Stroke Length | 3/4 inch |
| Model Number  | DW788    |
| Current       | 1.3 Amps |
| Stroke/Min    | 1750 spm |
| Depth of Cut  | 2 inch   |
| Tool Weight   | 56 lbs   |

10.. Porter Cable 6" Bench Grinder

|                   |   |
|-------------------|---|
| Disc Diameter     | 6 inch  |
| Warranty          | 1 year  |
| Usage/Application | MACHINE TOOLS, WORKSHOP, TOOL GRINDING, TOOL ROOM |
| Material          | CAST IRON, 100% COPPER WINDING                    |

11. DEWALT 15-Amp 14-in Chop Saw

|                        |                         |
|------------------------|-------------------------|
| Cutting Blade Size     | 14 Inch                 |
| Type Of Saw            | chop saw                |
| No Load Speed          | 4000RPM                 |
| Wheel Dia              | 185MM                   |
| Phase                  | SINGAL                  |
| Minimum Order Quantity | 1                       |
| Brand                  | Dewalt                  |
| Blade Length           | 14 Inches               |
| Item Dimensions LxWxH  | 28 x 7 x 15 Centimeters |
| Power Source           | Corded Electric         |
| Speed                  | 3800 RPM                |
| Cutting Angle          | 90 Degrees              |
| Item Weight            | 400GRMS                 |

12. Kobalt 7.25" Compound Miter Saw

|  |        |                    |          |  |  |
|--|--------|--------------------|----------|--|--|
| Arbor Diameter   | 5/8-in | Height (Inches)    | 18.5     |  |  |
| Bevel Capacity (Degrees)   | 45     | Length (Inches)    | 23.5     |  |  |
| Cord Length (Feet)   | 6      | Saw Blade Diameter | 7-1/4-in |  |  |
| Depth of Cut at 45 Degrees (Inches)  | 1.5    | Tool Weight (lbs.) | 22.46    |  |  |
| Depth of Cut at 90 Degrees (Inches)  | 2      | Width (Inches)     | 22       |  |  |
| <b>13. Porter Cable 15" 12-Speed Drill Press</b>   |        |                    |          |  |  |
| <ul style="list-style-type: none"> <li>• Motor: 8.0 Amps</li> <li>• Motor Control: On/Off Toggle</li> <li>• Speeds: 12 (300; 390; 450; 560; 640; 700; 990; 1550; 1620; 1900; 2620; 3100 RPM)</li> <li>• Table Size: 13-15/64 x 13-15/64 "</li> <li>• Table Tilt: L and R: 45 °</li> <li>• Table Insert: No</li> <li>• Column Diameter: 2-7/8 "</li> <li>• Spindle Taper: MT2</li> <li>• Chuck Taper: JT3</li> <li>• Quill Diameter: 1.85 "</li> <li>• Quill Stroke: 4 "</li> <li>• Key Chuck Capacity: 5/8 "</li> <li>• Chuck to Table Capacity: 24-3/4 "</li> <li>• Chuck to Base Capacity: 44-3/8 "</li> <li>• Height: 64 "</li> <li>• Width: 16 "</li> <li>• Depth: 26 "</li> <li>• Weight: 151.10 lbs</li> </ul> |        |                    |          |  |  |

|  |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
|--|---|----------------------|----------------------|------------------------------|----------------------------------|--------------------------|-------------------------------------|--------------------------|-----------------------|--|----------------------|----------------------------|------------------------------|-------------------|----------------------|----------------------|----------------------|-------------------------|--|------------------------------|--------------------------------|-------------------------|------------------------------|-----------------------------------|--------|----------------------|-----|------------------------|--------|------------------------|-----|--------|--|
| 3.   | <p><b><u>SEWING MACHINE:-</u></b></p> <p>14 stitches<br/>5 mm maximum stitch width built in needle threader</p> <table border="1"> <tr><td>Bobbin System</td><td>Auto tripping</td></tr> <tr><td>Button Hole Sewing</td><td>One Step</td></tr> <tr><td>Dimension of Box (LxWxH)</td><td>407 mm x 175 mm x 305 mm</td></tr> <tr><td>Drop Feed for Embroidery</td><td>Yes</td></tr> <tr><td>Needle Threading</td><td>Automatic</td></tr> <tr><td>Number of Stitch Functions</td><td>57</td></tr> <tr><td>Pressure Adjustor</td><td>Dial Type</td></tr> <tr><td>Sewing Light</td><td>Yes</td></tr> <tr><td>Sewing Speed</td><td>860 spm (Stitches Per Minute)</td></tr> <tr><td>Stitch Length Control</td><td>Yes</td></tr> <tr><td>Stitch Pattern Selector</td><td>Dial Type</td></tr> <tr><td>Stitch Width</td><td>5 mm</td></tr> <tr><td>Stitch Width Control</td><td>Yes</td></tr> <tr><td>Thread Tension Control</td><td>Manual</td></tr> <tr><td>Triple Strength Stitch</td><td>Yes</td></tr> </table>   | Bobbin System        | Auto tripping        | Button Hole Sewing           | One Step                         | Dimension of Box (LxWxH) | 407 mm x 175 mm x 305 mm            | Drop Feed for Embroidery | Yes                   | Needle Threading   | Automatic            | Number of Stitch Functions | 57                           | Pressure Adjustor | Dial Type            | Sewing Light         | Yes                  | Sewing Speed            | 860 spm (Stitches Per Minute)          | Stitch Length Control        | Yes                            | Stitch Pattern Selector | Dial Type                    | Stitch Width                      | 5 mm   | Stitch Width Control | Yes | Thread Tension Control | Manual | Triple Strength Stitch | Yes | 1 Each |  |
| Bobbin System  | Auto tripping   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Button Hole Sewing   | One Step  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Dimension of Box (LxWxH)                                       | 407 mm x 175 mm x 305 mm  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Drop Feed for Embroidery                                       | Yes   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Needle Threading   | Automatic   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Number of Stitch Functions                                     | 57  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Pressure Adjustor  | Dial Type   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Sewing Light   | Yes   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Sewing Speed   | 860 spm (Stitches Per Minute)   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Stitch Length Control  | Yes   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Stitch Pattern Selector  | Dial Type   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Stitch Width   | 5 mm  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Stitch Width Control   | Yes   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Thread Tension Control   | Manual  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Triple Strength Stitch   | Yes   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| 4.   | <p><b><u>POWER TOOLS:-</u></b></p> <p>1. Cordless 18V Drills and Drivers</p> <table border="1"> <tr><td>Battery Voltage-18 V</td></tr> <tr><td>Head Length - 162 mm</td></tr> <tr><td>No-load Speed-0-500/1900 RPM</td></tr> <tr><td>Max. Torque (Hard/Soft)-50/21 Nm</td></tr> <tr><td>Chuck Size-13 mm</td></tr> <tr><td>Max. Drilling (Wood/Metal)-35/10 mm</td></tr> <tr><td>Weight (w/2.0 Ah)-1.3 Kg</td></tr> <tr><td>Chuck Material- Metal</td></tr> <tr><td>Scope of Supply-2*2.0 Ah Li-on Battries, 1 Charger, Carry Case</td></tr> </table> <p>2. 5" Random Orbit Sander</p> <table border="1"> <tr><td>Battery Voltage-18 V</td></tr> <tr><td>No Load Speed-6000-10000</td></tr> <tr><td>Sanding Sheet Diameter-125mm</td></tr> <tr><td>Height-135mm</td></tr> <tr><td>Sanding Stroke-2.5mm</td></tr> <tr><td>Vibration-2.2 m/sec2</td></tr> </table> <p>3. 4-1/2" Angle Grinder</p> <table border="1"> <tr><td>Battery Voltage-18 V</td></tr> <tr><td>No-load Speed-11000 RPM</td></tr> <tr><td>Grinding/Cutting Disc, Diameter-125 mm</td></tr> <tr><td>Grinding Spindle Thread- M14</td></tr> <tr><td>Weight Excluding Battery- 2 Kg</td></tr> <tr><td>Battery Voltage-18 V</td></tr> </table> <p>4. 4.2 Amp Corded Hammer Drill</p> <table border="1"> <tr><td>Power Source-Corded Electric</td></tr> <tr><td>Maximum Rotational Speed -1.3 RPM</td></tr> </table> | Battery Voltage-18 V | Head Length - 162 mm | No-load Speed-0-500/1900 RPM | Max. Torque (Hard/Soft)-50/21 Nm | Chuck Size-13 mm         | Max. Drilling (Wood/Metal)-35/10 mm | Weight (w/2.0 Ah)-1.3 Kg | Chuck Material- Metal | Scope of Supply-2*2.0 Ah Li-on Battries, 1 Charger, Carry Case | Battery Voltage-18 V | No Load Speed-6000-10000   | Sanding Sheet Diameter-125mm | Height-135mm      | Sanding Stroke-2.5mm | Vibration-2.2 m/sec2 | Battery Voltage-18 V | No-load Speed-11000 RPM | Grinding/Cutting Disc, Diameter-125 mm | Grinding Spindle Thread- M14 | Weight Excluding Battery- 2 Kg | Battery Voltage-18 V    | Power Source-Corded Electric | Maximum Rotational Speed -1.3 RPM | 1 each |                      |     |                        |        |                        |     |        |  |
| Battery Voltage-18 V   |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Head Length - 162 mm   |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| No-load Speed-0-500/1900 RPM                                   |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Max. Torque (Hard/Soft)-50/21 Nm                               |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Chuck Size-13 mm   |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Max. Drilling (Wood/Metal)-35/10 mm                            |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Weight (w/2.0 Ah)-1.3 Kg                                       |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Chuck Material- Metal  |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Scope of Supply-2*2.0 Ah Li-on Battries, 1 Charger, Carry Case |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Battery Voltage-18 V   |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| No Load Speed-6000-10000                                       |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Sanding Sheet Diameter-125mm                                   |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Height-135mm   |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Sanding Stroke-2.5mm   |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Vibration-2.2 m/sec2   |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Battery Voltage-18 V   |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| No-load Speed-11000 RPM  |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Grinding/Cutting Disc, Diameter-125 mm                         |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Grinding Spindle Thread- M14                                   |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Weight Excluding Battery- 2 Kg                                 |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Battery Voltage-18 V   |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Power Source-Corded Electric                                   |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |
| Maximum Rotational Speed -1.3 RPM                              |   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                      |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |

|   |
|---|
| Amperage-6 Amps                               |
| Maximum Chuck Size-24 Millimeters             |
| Colour -Black/Blue                            |
| Included Components-Rotary Hammer             |
| Special Feature-Reverse Rotation              |
| Product Dimensions-18L x 28W x 8H Centimeters |
| Material-Plastic                              |
| Number of Speeds-3                            |
| Speed-1300 RPM                                |
| Item Weight-0.3 Kilograms                     |
| Maximum Power-790 Watts                       |
| Number of Memory Sticks-1                     |
| Wattage-790 Watts                             |

#### 5. 6.5 Amp 1- Blade Planer

|                            |
|----------------------------|
| Amperage-6.5 Amp           |
| Case Type-No Case Included |
| Height in-6.5"             |
| Length in-11.4"            |
| No Load RPM-1650           |
| Planing Depth-0"-.0625"    |
| Planing Width-0"-3.25"     |
| Rabbet Depth-5/16"         |
| Rabbet Width-3-1/4"        |
| Rating-120V AC             |
| Variable Speed-No          |
| Voltage-120V               |
| Weight-6.7 lb              |
| Width in-6"                |

#### 6. Variable Speed Reciprocating Saw

|   |
|---|
| Blade Material- Metal   |
| Surface Recommendation-Wood                                       |
| Power Source-Corded Electric                                      |
| Special Feature-Ergonomic Handle                                  |
| Included Components-1- Recip Saw, 1-Hex Key, 1-Wood Cutting Blade |
| Voltage-120 Volts   |
| Item Weight-3.2 kg  |
| Blade Shape-Round   |
| Product Dimensions- 45.72 x 13.97 x 8.59 cm; 3.2 kg               |

#### 7. Amp Biscuit Joiner

|  |
|--|
| Product Type: Plate Joiner                 |
| Amps: 6.5 Amp                              |
| Brand Name: DEWALT                         |
| Case Included: Yes                         |
| Cord length: 8 foot                        |
| Corded or Cordless: Corded                 |
| Depth Adjustment: Yes                      |
| Dust Collection: 1                         |
| Maximum Speed: 1000 Revolutions Per Minute |

|   |
|---|
| Tool Weight: 6.6 Pound  |
| Brushed or Brushless: Brushed   |
| 8. 18-volt 6-1/2-in cordless circular saw   |
| Voltage-18 V  |
| Blade Size/Bore Size- 165/20 mm   |
| No load Speed- 5000 rpm   |
| Cutting Depth 90 Degree/45 Degree-57/41 mm  |
| Weight w/o Battery-2.8 Kg   |
| Bewel Capacity Max-50 Degree  |
| Scope of Supply-1x Circular Saw Blade<br>165x1.5/1.0x20 mm                            |
| 9. 7 Amp Variable Speed Corded Jigsaw   |
| Blade Length-8 Inches   |
| Item Dimensions L x W x H-14" L x 4" W x 8.43" H                                      |
| Current Rating-7 Amps   |
| Number of Teeth-10  |
| Power Source-Corded Electric  |
| Special Features-Ergonomic Handle   |
| 10. 2-1/2" 16- Gauge Finish Nailer  |
| Gauge-16  |
| Item Nail Gun   |
| Fastener Range-1- 2 1/2"  |
| Gun Type-Finish   |
| Nail type-Brad  |
| Item Weight- 5.1 lbs  |
| 11. 1-1/2" 18 Gauge Narrow Crown Stapler  |
| Assembled Depth (in inches) -14.43  |
| Assembled Height (in inches)-13.65  |
| Assembled Weight (in lbs)-5.24  |
| Assembled Width (in inches)-3.71  |
| Packaged Depth (in inches)-14.43  |
| Packaged Height (in inches)-13.65   |
| Packaged Weight (In lbs)-5.236  |
| Packaged Width (in inches)-3.705  |
| Cordless/Corded-Cordless  |
| Max. Fastener Size (In.)-1-1/2  |
| Min. Fastener Size (In.)-1/2  |
| Min. Recommended Operating Pressure (Psi.)-70   |
| Nail Gauge (Ga.)-18   |
| Power Source-Air  |
| Etc.  |
| 12. MIG 100 Flux Wire Welder  |
| Welding Current-35 ~ 88   |
| Duty CycleInput- 30% at 70 amps; 45% at 55 amps                                       |
| Input Power- 120 V AC, 20 amps (max) at 60 Hz   |
| Open Circuit Voltage- (max) 34 V DC   |
| Thermal Overload Protection with Light Automatic shutdown and restart after cool down |

|    |  |        |
|----|--|--------|
|    | <p>Wire Size- 0.025 to 0.030 in. steel and stainless steel;<br/>0.030 to 0.035 in. flux core and aluminum</p> <p>Cable Sizes- Power: 16 AWG x 3C x 6 ft.<br/>Ground: 8 AWG, 6 ft. (10mm<sup>2</sup>)<br/>Gun: 8 AWG, 6 ft. (10mm<sup>2</sup>)</p> <p>Welding Capacity- 1 mm to 1/4 in. steel</p> <p>Wire Spool Size- 2 lb. Spool</p>   |        |
| 5. | <p><b>ELECTRONICS WORKBENCH:-</b></p> <p>soldering irons power supplies wire and electronics components screwdriver sets and other small tools heat guns Dremel tools and accessories</p> <ul style="list-style-type: none"> <li>• The basic structure should be made of 38 X 38 X 1.5 mm CRC powder coated pipes for sturdiness.</li> <li>• The overall dimensions of Workbench should be not less than Width = 1200 mm; Depth = 750 mm; Height = 1150 mm</li> <li>• MS drawers 03 numbers: Width = 275 mm; Depth = 375 mm; Height = 100 mm and Thickness = 1.2mm with handle &amp; separate lock on each drawer should be provided</li> <li>• For the panel section, raised back height of 1200mm from floor with matching height support from the side at a depth 500mm for instrument housing with a MS Panel strip below it for housing Electrical Sockets and Switches for external use.</li> <li>• Two Pole MCB (32A – Havells / Siemens) to be provided for safety of Workbench</li> <li>• There should be provision to mount main / mother training and development platform on front panel along with the instruments for easy performing the experiments which should provide visibility for the students working in a group.</li> <li>• Workbench should work on Mains Supply - 240 V AC, 50 Hz</li> <li>• Technical specifications of instruments and facility to be installed on the Workbench should be as under:</li> <li>• 50 MHz Four Channel Digital Storage Oscilloscope</li> <li>• 10 MHz Function Generator with Counter (DDS Technology) 2.2.3 Dual DC Programmable Power Supply, 2 X 30 V, 2 A</li> <li>• Temperature controlled Soldering and De soldering station with soldering iron and de soldering gun</li> <li>• Multimeter cum LCR Meter</li> <li>• Transformer</li> <li>• Induction Coil</li> <li>• Rheostat and Dimmer</li> <li>• Various Meter assembly – Analog voltmeter, ammeter,</li> </ul> | 1 each |

|    |   |       |  |
|----|---|-------|--|
|    | wattmeter, multifunction meter, energy meter, power factory meter, frequency meter and flux meter   |       |  |
| 6. | <p><b><u>FIBER ARTS ACCESSORIES:-</u></b></p> <p>ironing boards and irons<br/>cutting mats<br/>scissors, shears, rotary cutters<br/>acrylic rulers, fabric markers<br/>knitting needles, crochet hooks<br/>pins and safety pins<br/>materials such as yarn, muslin, threads, velcro, zippers, etc.</p>  | 1each |  |
| 7. | <p><b>HAND TOOLS:-</b></p> <p>1. driver socket sets</p> <ul style="list-style-type: none"> <li>• SPEC: Wrenches are designed to meet or exceed ANSI specifications</li> <li>• FINISH: Forged from high quality steel and finished in high polish chrome.</li> <li>• INCLUDES: 7 Pc 3/8 Drive 12 Point Socket: 3/8,7/16,1/2,9/16,5/8,11/16,3/4  12 Pc 3/8 Drive 12 Point Sockets: Metric- 8,9,10,11,12,13,14,15,16,17,18,19mm 9 Pc 1/4 Drive Bit Set: Pozidriv Bit-1,2,3mm and Hex Bit- 3,4,5,6,7,8mm 9 Pc 1/4 Drive Bit Set: Slotted Bits- 4,5,6,5 and Torx® Bits - T10,T15,T20,T30,T40</li> </ul> <p>2. Wrenches</p> <p>Adjustable Wrenches</p> <p>Combination Wrenches</p> <p>Ratcheting Combination Wrenches</p> <p>3. Screw drivers</p> <p>Number of Items- 58<br/>Head Style- Torx<br/>Colour- Black<br/>Special Feature- Durable<br/>Item dimensions L x W x H- 30.5 x 25.4 x 9.5 Centimeters<br/>Item Weight- 3.07 Pounds</p> <p>4. Pliers</p> <p>Combination Pliers (Length 165mm)<br/>Long Nose Pliers Flat Nose (Length 165mm)<br/>Long Nose Pliers Round Nose (Length 165mm)<br/>Long Nose Pliers Long Nose (Length 165mm)<br/>Bent Nose Pliers (Length 165mm)<br/>Bent Nose Pliers (Length 210mm)<br/>Side Cutting Pliers (Length 165mm)<br/>Side Cutting Pliers (Length 205mm)<br/>Circlip Pliers (Length 195mm)</p> | 1each |  |

## 5. Tap and die set

- 34pc. Tap and Die:  
m3x0.5, m3x0.6, m4x0.7, m4x0.75, m5x0.8,  
m5x0.9, m6x0.75, m6x1.0, m7x0.75, m7x1.0,  
m8x1.0, m8x1.25, m10x1.25, m10x1.5, m12x1.25,  
m12x1.5, 1/8NPT27
- Material: Alloy Steel
- 1pc. Tap Wrench(m3-m12)
- 1pc. "T" Type Tap Wrench
- 1pc.Die Stock 25mm
- 1pc.Screw Driver
- 1pc.Screw Pitch Gauge

## 6. files, rasps, shaping tools

- Flat Files (Bastard)
- Flat Files (Smooth)
- Hand Files (Bastard)
- Hand Files (Smooth)
- Round Files (Bastard)
- Round Files (Smooth)
- Half Round File (Bastard)
- Half Round File (Smooth)
- Three Squire Files (Bastard)
- Three Squire Files (Smooth)
- Squire Files (Bastard)
- Squire Files (Smooth)
- Knife Files (100 mm)
- Pillar Narrow Files (150 mm)
- Flat Handles File (250 mm)
- Flat Handles File (250 mm)
- Feather Edge Files (125 mm)
- Warding Files (100 mm)
- Pit Saw
- Flat Wood RASP Files (Bastard)
- Flat Wood RASP Files (Smooth)
- Half Round Wood RASP Files (Bastard)
- Half Round Wood RASP Files (Smooth)
- Mill Files
- Slim Taper Saw Files
- Regular Taper Saw Files
- Heavy Taper Saw Files

## 7. Clamps

|       | Content | Size (Max. Opening mm) |
|-------|---------|------------------------|
| Clamp | C Clamp | 55                     |
|       |         | 80                     |
|       |         | 105                    |
|       |         | 155                    |

|  |                |            |
|--|----------------|------------|
|  | <b>F Clamp</b> | 200<br>250 |
|--|----------------|------------|

8. Hammers and mallets

**Hammer with Handle (Ball Pein & Cross Pein)**

**Weight**

110

200

340

500

**Claw Hammer with Handle**

**Weight**

340

450

**Machinist Hammer with Handle**

**Weight**

100

200

300

400

500

**Club Hammer with Handle**

**Weight**

800

1000

**Soft Faced Hammer with Handle**

**Mallet Size (mm)**

20

30

40

50

**Electrician Hammer**

**No**

5

9. Hex key set

|   |   |
|---|---|
| DL233108 T-Type Flat<br>End Hex Key Set | 2x75mm, 2.5x75mm, 3x100mm,<br>4x100mm, 5x150mm, 6x150mm,<br>8x200mm, and 10x200mm |
|---|---|

8. **ETCHING/PRINTING PRESS**

Motorised The Speedball Etching Press can be used for printing etchings, monotype, and dry point plates, woodcuts, and linocuts. The bed is 24" x 36"

1each

**LEATHER WORKING TOOLS**  
Set A :for Beginner can make vegetable tanner leather such as leather wristband, belt, envelop bag

1\* Since Awl ( Round)

1\* Since Pricking Iron Tool ( Japanese Style 3.0mm 2+6)

1\* Since America Edger (Size 0)

1 each

|   |  |  |
|---|--|--|
| <p>1* Since America Edger (Size 2)<br/> 1* Thread ( 1 roll 0.55mm Cream, if you want other size or color please tell me)<br/> 1* Cutting mat<br/> 5* Polishing Strip<br/> 1* Erase glue tool<br/> 1* Scribble glue tool<br/> 1* Stitching pony<br/> 1* Rubber hammer<br/> 5* Round punch (size 1-5)<br/> 1* Stainless steel ruler<br/> 1* High-density sponge<br/> 10* Sand paper (400/800/1500/2000/2500 mesh)<br/> 1* Scissor<br/> 1* Oxford pad (148mm X 210mm)<br/> 4* Needles (size 4)<br/> 3* Snap setter<br/> 1* Wallpaper knife<br/> 1* box</p> <p>Set B :for Advanced can make Japanese Style leather</p> <p>1* Since leather cutter<br/> 1* Since Awl Japanese style<br/> 1* Since Screw Creaser<br/> 1* Since wooden folder<br/> 1* Sharpener paste<br/> 25* Cotton swabs</p> <p>Set C :for professional</p> <p>1* Pricking Iron Tool Japanese style (4.5mm 2+6)<br/> 1* Since adjustable groove creaser<br/> 1* Since wide edger<br/> 1* Since Groove creaser (size 0)<br/> 1* Since groover (blade 1.2 and 2.0)<br/> 1* Alcohol lamp<br/> 1* Compass<br/> 1* Sharpener plate<br/> 1* A leather hammer instead of rubber hammer<br/> 7* Round punch (size 6-12)<br/> 25* Cotton swabs</p> |  |  |
|---|--|--|

**Note:** - 1. Presently the total number of equipments required in the centre with above said configurations is tentatively. However, there quirement may vary on monthly basis.  
2. The Bidder may quote for higher specifications but the price competitiveness shall be given due consideration while analyzing the Financial bid.

**Documents to be Submitted with the Technical bid: The Bidder shall enclose the following documents along with the Technical Bid:"**

- a. Duly signed & stamped Tender documents as a mark of your acceptance should be duly filled wherever required.
- b. Copies of PAN, TIN/ VAT/GST registration duly Signed & Stamped.
- c. List of major clients to be annexed with complete contact details in the format below whom similar services have been provided during last one year.

| S. No. | Name of Client | Period of Services Provided | Contact Person | Contact Details                      |
|--------|----------------|-----------------------------|----------------|--------------------------------------|
|        |                |                             |                | Phone No.-<br>Email ID –<br>Address- |

Signature of the Tenderer  
With stamp

# **SANGAM RISE FOUNDATION**

Sangam University, Panchayat Atun, Pur Road, Bhilwara- 311001, Rajasthan

E-mail: [sangamrise@sangamuniversity.ac.in](mailto:sangamrise@sangamuniversity.ac.in)

(Section 8 Company registered under the Companies Act, 2013 (18 of 2013)

## **Annexure -II**

### **FINANCIAL BID FORMAT**

### **FORMAT & REQUIREMENTS FOR TENDER**

1. Tender Ref. No.: .....
2. Name of the Tenderer: .....
3. The offer with rates in rupees for the schedule of requirements of items, as elaborated under, to be submitted. Adhering to the format given below is a Pre-requisite for considering your quotations:

| S. No.                | Technical Details of “Fabrication Lab / D&D Equipment’s & Tools” Specification: Procurement of Fabrication Lab / D&D Equipment’s & Tools.   | Quantity              | Unit Price Excluding all Taxes & Charges | Total in Rs. Including all Taxes & Charges |        |               |        |              |        |       |         |              |  |                   |               |               |           |              |               |            |            |              |        |              |             |       |  |  |
|-----------------------|---|-----------------------|--|--|--------|---------------|--------|--------------|--------|-------|---------|--------------|--|-------------------|---------------|---------------|-----------|--------------|---------------|------------|------------|--------------|--------|--------------|-------------|-------|--|--|
| 1.                    | <p><b><u>CNC ROUTER</u></b></p> <p>Specifications_-</p> <p>48" x 96" bed (accommodates standard-size plywood sheets)</p> <p>1/4" and 1/8" spiral router bits</p> <p>② 4 heads, the head can work at the same time</p> <p>② Constant Power water cooling spindle, Higher working strength.</p> <table border="1"><tr><td>X-Y Axis Working Area</td><td>1300 x 2500 mm</td></tr><tr><td>Z Axis Working Area</td><td>300 mm</td></tr><tr><td>Spindle Power</td><td>4.5 kW</td></tr><tr><td>Machine Type</td><td>4 Axis</td></tr><tr><td>Brand</td><td>Success</td></tr><tr><td>Job Material</td><td>Wood, MDF, HDF, Plywood, PVC, Foa Board, Sign Board, Acrylic</td></tr><tr><td>Spindle Head Type</td><td>Multi-Spindle</td></tr><tr><td>Spindle Speed</td><td>18000 RPM</td></tr><tr><td>X-Y Movement</td><td>Rack &amp; Pinion</td></tr><tr><td>Z movement</td><td>Ball Screw</td></tr><tr><td>Command Code</td><td>G-Code</td></tr><tr><td>Driven Motor</td><td>Servo Motor</td></tr></table> | X-Y Axis Working Area | 1300 x 2500 mm                           | Z Axis Working Area                        | 300 mm | Spindle Power | 4.5 kW | Machine Type | 4 Axis | Brand | Success | Job Material | Wood, MDF, HDF, Plywood, PVC, Foa Board, Sign Board, Acrylic | Spindle Head Type | Multi-Spindle | Spindle Speed | 18000 RPM | X-Y Movement | Rack & Pinion | Z movement | Ball Screw | Command Code | G-Code | Driven Motor | Servo Motor | 1 Nos |  |  |
| X-Y Axis Working Area | 1300 x 2500 mm  |                       |  |  |        |               |        |              |        |       |         |              |  |                   |               |               |           |              |               |            |            |              |        |              |             |       |  |  |
| Z Axis Working Area   | 300 mm  |                       |  |  |        |               |        |              |        |       |         |              |  |                   |               |               |           |              |               |            |            |              |        |              |             |       |  |  |
| Spindle Power         | 4.5 kW  |                       |  |  |        |               |        |              |        |       |         |              |  |                   |               |               |           |              |               |            |            |              |        |              |             |       |  |  |
| Machine Type          | 4 Axis  |                       |  |  |        |               |        |              |        |       |         |              |  |                   |               |               |           |              |               |            |            |              |        |              |             |       |  |  |
| Brand                 | Success   |                       |  |  |        |               |        |              |        |       |         |              |  |                   |               |               |           |              |               |            |            |              |        |              |             |       |  |  |
| Job Material          | Wood, MDF, HDF, Plywood, PVC, Foa Board, Sign Board, Acrylic  |                       |  |  |        |               |        |              |        |       |         |              |  |                   |               |               |           |              |               |            |            |              |        |              |             |       |  |  |
| Spindle Head Type     | Multi-Spindle   |                       |  |  |        |               |        |              |        |       |         |              |  |                   |               |               |           |              |               |            |            |              |        |              |             |       |  |  |
| Spindle Speed         | 18000 RPM   |                       |  |  |        |               |        |              |        |       |         |              |  |                   |               |               |           |              |               |            |            |              |        |              |             |       |  |  |
| X-Y Movement          | Rack & Pinion   |                       |  |  |        |               |        |              |        |       |         |              |  |                   |               |               |           |              |               |            |            |              |        |              |             |       |  |  |
| Z movement            | Ball Screw  |                       |  |  |        |               |        |              |        |       |         |              |  |                   |               |               |           |              |               |            |            |              |        |              |             |       |  |  |
| Command Code          | G-Code  |                       |  |  |        |               |        |              |        |       |         |              |  |                   |               |               |           |              |               |            |            |              |        |              |             |       |  |  |
| Driven Motor          | Servo Motor   |                       |  |  |        |               |        |              |        |       |         |              |  |                   |               |               |           |              |               |            |            |              |        |              |             |       |  |  |

|    |                             |   |        |  |
|----|-----------------------------|---|--------|--|
|    | Control System              | Digital Signal Processor (DSP)                            |        |  |
| 2. | <b><u>FLOOR TOOLS:-</u></b> |   | 1 each |  |
|    | 1. Saw stop 10" table saw   |   |        |  |
|    | SKU                         | : POW.SAW.36619456  |        |  |
|    | No Load Speed               | : 4300 RPM  |        |  |
|    | Weight                      | : 24.4 kg   |        |  |
|    | Power                       | : 1800 W  |        |  |
|    | Rated Input Power           | : 1,800 W   |        |  |
|    | Incline Settings            | : 45 ° L / 0 ° R  |        |  |
|    | Table Size                  | : 555 x 555 mm  |        |  |
|    | Saw blade bore diameter     | : 30 mm   |        |  |
|    | Part No                     | : 0601B450F0  |        |  |
|    | Dimension (LXWXH) cm        | : 39.4L x 27.2W x 24.4H                                   |        |  |
|    | 2. Jet 14" Band Saw:-       |   |        |  |
|    | Warranty                    | 1 year  |        |  |
|    | Type Of Saw                 | Vertical  |        |  |
|    | No Load Speed               | 2 Speed   |        |  |
|    | Capacity                    | 12"   |        |  |
|    | Usage/Application           | Wood Cutting  |        |  |
|    | Material                    | Steel Body  |        |  |
|    | Saw Band Width              | 1"  |        |  |
|    | Wheel Diameter              | 12"   |        |  |
|    | Automation Grade            | Semi-Automatic  |        |  |
|    | Table Size                  | 12 x 12"  |        |  |
|    | Blade Tension               | Manual  |        |  |
|    | Motor HP                    | 3HP   |        |  |
|    | Blade Speed                 | 100 Mtr/Min   |        |  |
|    | 3. Jet 16" Surface Planer   |   |        |  |
|    | Power Source                | : AC  |        |  |
|    | No Load Speed               | : 8500 RPM  |        |  |
|    | Type of Product             | : Electric Wood Planer                                    |        |  |
|    | Wattage                     | : 1250 W  |        |  |
|    | Color                       | : Orange, Actual Color May Vary                           |        |  |
|    | Cutting Width               | : 204 mm  |        |  |
|    | Dimension                   | : 77x37x50 cm   |        |  |
|    | Model No                    | : WPT-200A  |        |  |
|    | Application                 | : Industrial  |        |  |
|    | Base Material               | : Alloy Steel   |        |  |
|    | Style                       | : DIY   |        |  |
|    | Included Components         | : Dust collector, Electric Wood planer Blade, User manual |        |  |
|    | Amperage Rating             | : 5 Amps  |        |  |
|    | 4. Jet 6" Edge Jointer      |   |        |  |

|                    |                         |
|--------------------|-------------------------|
| Material           | Alloy Steel, Cast Iron  |
| Color              | White                   |
| Product Dimensions | 56" L x 22" W x 37.5" H |
| Item Weight        | 239unds                 |

#### 5. Jet 6" Belt Sander

|                   |                |
|-------------------|----------------|
| Disc Diameter     | 9 Inch         |
| Power Consumption | Electric Motor |
| Sander Type       | Any            |
| Warranty          | 1 year         |
| Material          | MS             |
| Usage/Application | Industrial     |
| Voltage           | 220V           |
| Frequency         | 50Hz           |

#### 6. Hitachi 10" Compound Miter Saw

|                        |                              |
|------------------------|------------------------------|
| Colour                 | Green                        |
| Surface Recommendation | Nylon, Wood, Stainless Steel |
| Power Source           | Corded Electric              |
| Included Components    | nil                          |
| Product Dimensions     | 5L x 20W x 20H Centimeters   |
| Voltage                | 120 Volts                    |
| Speed                  | 4500 RPM                     |
| Blade Length           | 255 Millimetres              |
| Number of Teeth        | 80                           |
| Colour                 | Green                        |

#### 7. Fox Oscillating Spindle Sander

|                        |                                |
|------------------------|--------------------------------|
| No Load Speed          | 2000/min1                      |
| Brand                  | Triton                         |
| Weight                 | 12.9 Kg                        |
| Dimensions             | 450 x 390 x 330 mm (H x L x W) |
| Power                  | 450 W                          |
| Sound Pressure LP      | 76dB                           |
| Sound Power LW         | 89dB                           |
| Motor Power            | 450 W                          |
| Minimum Order Quantity | 1 Piece                        |

#### 8. Bosch Adjustable Router Table

|                    |                 |
|--------------------|-----------------|
| Material           | Aluminum        |
| Power Source       | Corded Electric |
| Product Dimensions | 27" W x 14.5" H |
| Voltage            | 120 Volts       |

#### 9. Ryobi 16" Variable Speed Scroll Saw

|               |          |
|---------------|----------|
| Stroke Length | 3/4 inch |
|---------------|----------|

|              |          |
|--------------|----------|
| Model Number | DW788    |
| Current      | 1.3 Amps |
| Stroke/Min   | 1750 spm |
| Depth of Cut | 2 inch   |
| Tool Weight  | 56 lbs   |

10.. Porter Cable 6" Bench Grinder

|                   |   |
|-------------------|---|
| Disc Diameter     | 6 inch  |
| Warranty          | 1 year  |
| Usage/Application | MACHINE TOOLS, WORKSHOP, TOOL GRINDING, TOOL ROOM |
| Material          | CAST IRON, 100% COPPER WINDING                    |

11. DEWALT 15-Amp 14-in Chop Saw

|                        |                         |
|------------------------|-------------------------|
| Cutting Blade Size     | 14 Inch                 |
| Type Of Saw            | chop saw                |
| No Load Speed          | 4000RPM                 |
| Wheel Dia              | 185MM                   |
| Phase                  | SINGAL                  |
| Minimum Order Quantity | 1                       |
| Brand                  | Dewalt                  |
| Blade Length           | 14 Inches               |
| Item Dimensions LxWxH  | 28 x 7 x 15 Centimeters |
| Power Source           | Corded Electric         |
| Speed                  | 3800 RPM                |
| Cutting Angle          | 90 Degrees              |
| Item Weight            | 400GRMS                 |

12. Kobalt 7.25" Compound Miter Saw

|                |        |                 |      |
|----------------|--------|-----------------|------|
| Arbor Diameter | 5/8-in | Height (Inches) | 18.5 |
| Bevel Capacity | 45     | Length          | 23.5 |

|                                     |     |                    |          |
|-------------------------------------|-----|--------------------|----------|
| (Degrees)                           |     | (Inches)           |          |
| Cord Length (Feet)                  | 6   | Saw Blade Diameter | 7-1/4-in |
| Depth of Cut at 45 Degrees (Inches) | 1.5 | Tool Weight (lbs.) | 22.46    |
| Depth of Cut at 90 Degrees (Inches) | 2   | Width (Inches)     | 22       |

### 13. Porter Cable 15" 12-Speed Drill Press

- Motor: 8.0 Amps
- Motor Control: On/Off Toggle
- Speeds: 12 (300; 390; 450; 560; 640; 700; 990; 1550; 1620; 1900; 2620; 3100 RPM)
- Table Size: 13-15/64 x 13-15/64 "
- Table Tilt: L and R: 45 °
- Table Insert: No
- Column Diameter: 2-7/8 "
- Spindle Taper: MT2
- Chuck Taper: JT3
- Quill Diameter: 1.85 "
- Quill Stroke: 4 "
- Key Chuck Capacity: 5/8 "
- Chuck to Table Capacity: 24-3/4 "
- Chuck to Base Capacity: 44-3/8 "
- Height: 64 "
- Width: 16 "
- Depth: 26 "
- Weight: 151.10 lbs

|  |  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
|--|--|----------------------|----------------------|------------------------------|----------------------------------|--------------------------|-------------------------------------|--------------------------|-----------------------|--|----------------------|----------------------------|------------------------------|-------------------|----------------------|----------------------------------|----------------------|-------------------------|--|------------------------------|--------------------------------|-------------------------|------------------------------|-----------------------------------|--------|----------------------|-----|------------------------|--------|------------------------|-----|--------|--|--|
| 3.   | <p><b><u>SEWING MACHINE:-</u></b></p> <p>14 stitches</p> <p>5 mm maximum stitch width built in needle threader</p> <table border="1"> <tr><td>Bobbin System</td><td>Auto tripping</td></tr> <tr><td>Button Hole Sewing</td><td>One Step</td></tr> <tr><td>Dimension of Box (LxWxH)</td><td>407 mm x 175 mm x 305 mm</td></tr> <tr><td>Drop Feed for Embroidery</td><td>Yes</td></tr> <tr><td>Needle Threading</td><td>Automatic</td></tr> <tr><td>Number of Stitch Functions</td><td>57</td></tr> <tr><td>Pressure Adjustor</td><td>Dial Type</td></tr> <tr><td>Sewing Light</td><td>Yes</td></tr> <tr><td>Sewing Speed</td><td>860 spm (Stitches Per Minute)</td></tr> <tr><td>Stitch Length Control</td><td>Yes</td></tr> <tr><td>Stitch Pattern Selector</td><td>Dial Type</td></tr> <tr><td>Stitch Width</td><td>5 mm</td></tr> <tr><td>Stitch Width Control</td><td>Yes</td></tr> <tr><td>Thread Tension Control</td><td>Manual</td></tr> <tr><td>Triple Strength Stitch</td><td>Yes</td></tr> </table>   | Bobbin System        | Auto tripping        | Button Hole Sewing           | One Step                         | Dimension of Box (LxWxH) | 407 mm x 175 mm x 305 mm            | Drop Feed for Embroidery | Yes                   | Needle Threading   | Automatic            | Number of Stitch Functions | 57                           | Pressure Adjustor | Dial Type            | Sewing Light                     | Yes                  | Sewing Speed            | 860 spm (Stitches Per Minute)          | Stitch Length Control        | Yes                            | Stitch Pattern Selector | Dial Type                    | Stitch Width                      | 5 mm   | Stitch Width Control | Yes | Thread Tension Control | Manual | Triple Strength Stitch | Yes | 1 each |  |  |
| Bobbin System  | Auto tripping  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Button Hole Sewing   | One Step   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Dimension of Box (LxWxH)                                       | 407 mm x 175 mm x 305 mm   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Drop Feed for Embroidery                                       | Yes  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Needle Threading   | Automatic  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Number of Stitch Functions                                     | 57   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Pressure Adjustor  | Dial Type  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Sewing Light   | Yes  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Sewing Speed   | 860 spm (Stitches Per Minute)  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Stitch Length Control  | Yes  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Stitch Pattern Selector  | Dial Type  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Stitch Width   | 5 mm   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Stitch Width Control   | Yes  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Thread Tension Control   | Manual   |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Triple Strength Stitch   | Yes  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| 4.   | <p><b><u>POWER TOOLS:-</u></b></p> <p>1. Cordless 18V Drills and Drivers</p> <table border="1"> <tr><td>Battery Voltage-18 V</td></tr> <tr><td>Head Length - 162 mm</td></tr> <tr><td>No-load Speed-0-500/1900 RPM</td></tr> <tr><td>Max. Torque (Hard/Soft)-50/21 Nm</td></tr> <tr><td>Chuck Size-13 mm</td></tr> <tr><td>Max. Drilling (Wood/Metal)-35/10 mm</td></tr> <tr><td>Weight (w/2.0 Ah)-1.3 Kg</td></tr> <tr><td>Chuck Material- Metal</td></tr> <tr><td>Scope of Supply-2*2.0 Ah Li-on Battries, 1 Charger, Carry Case</td></tr> </table> <p>2. 5" Random Orbit Sander</p> <table border="1"> <tr><td>Battery Voltage-18 V</td></tr> <tr><td>No Load Speed-6000-10000</td></tr> <tr><td>Sanding Sheet Diameter-125mm</td></tr> <tr><td>Height-135mm</td></tr> <tr><td>Sanding Stroke-2.5mm</td></tr> <tr><td>Vibration-2.2 m/sec<sup>2</sup></td></tr> </table> <p>3. 4-1/2" Angle Grinder</p> <table border="1"> <tr><td>Battery Voltage-18 V</td></tr> <tr><td>No-load Speed-11000 RPM</td></tr> <tr><td>Grinding/Cutting Disc, Diameter-125 mm</td></tr> <tr><td>Grinding Spindle Thread- M14</td></tr> <tr><td>Weight Excluding Battery- 2 Kg</td></tr> <tr><td>Battery Voltage-18 V</td></tr> </table> <p>4. 4.2 Amp Corded Hammer Drill</p> <table border="1"> <tr><td>Power Source-Corded Electric</td></tr> <tr><td>Maximum Rotational Speed -1.3 RPM</td></tr> </table> | Battery Voltage-18 V | Head Length - 162 mm | No-load Speed-0-500/1900 RPM | Max. Torque (Hard/Soft)-50/21 Nm | Chuck Size-13 mm         | Max. Drilling (Wood/Metal)-35/10 mm | Weight (w/2.0 Ah)-1.3 Kg | Chuck Material- Metal | Scope of Supply-2*2.0 Ah Li-on Battries, 1 Charger, Carry Case | Battery Voltage-18 V | No Load Speed-6000-10000   | Sanding Sheet Diameter-125mm | Height-135mm      | Sanding Stroke-2.5mm | Vibration-2.2 m/sec <sup>2</sup> | Battery Voltage-18 V | No-load Speed-11000 RPM | Grinding/Cutting Disc, Diameter-125 mm | Grinding Spindle Thread- M14 | Weight Excluding Battery- 2 Kg | Battery Voltage-18 V    | Power Source-Corded Electric | Maximum Rotational Speed -1.3 RPM | 1 each |                      |     |                        |        |                        |     |        |  |  |
| Battery Voltage-18 V   |  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Head Length - 162 mm   |  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| No-load Speed-0-500/1900 RPM                                   |  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Max. Torque (Hard/Soft)-50/21 Nm                               |  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Chuck Size-13 mm   |  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Max. Drilling (Wood/Metal)-35/10 mm                            |  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Weight (w/2.0 Ah)-1.3 Kg                                       |  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Chuck Material- Metal  |  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Scope of Supply-2*2.0 Ah Li-on Battries, 1 Charger, Carry Case |  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Battery Voltage-18 V   |  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| No Load Speed-6000-10000                                       |  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Sanding Sheet Diameter-125mm                                   |  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Height-135mm   |  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Sanding Stroke-2.5mm   |  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Vibration-2.2 m/sec <sup>2</sup>                               |  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Battery Voltage-18 V   |  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| No-load Speed-11000 RPM  |  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Grinding/Cutting Disc, Diameter-125 mm                         |  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Grinding Spindle Thread- M14                                   |  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Weight Excluding Battery- 2 Kg                                 |  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Battery Voltage-18 V   |  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Power Source-Corded Electric                                   |  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |
| Maximum Rotational Speed -1.3 RPM                              |  |                      |                      |                              |                                  |                          |                                     |                          |                       |  |                      |                            |                              |                   |                      |                                  |                      |                         |  |                              |                                |                         |                              |                                   |        |                      |     |                        |        |                        |     |        |  |  |

|   |
|---|
| Amperage-6 Amps                               |
| Maximum Chuck Size-24 Millimeters             |
| Colour -Black/Blue                            |
| Included Components-Rotary Hammer             |
| Special Feature-Reverse Rotation              |
| Product Dimensions-18L x 28W x 8H Centimeters |
| Material-Plastic                              |
| Number of Speeds-3                            |
| Speed-1300 RPM                                |
| Item Weight-0.3 Kilograms                     |
| Maximum Power-790 Watts                       |
| Number of Memory Sticks-1                     |
| Wattage-790 Watts                             |

#### 5. 6.5 Amp 1- Blade Planer

|                            |
|----------------------------|
| Amperage-6.5 Amp           |
| Case Type-No Case Included |
| Height in-6.5"             |
| Length in-11.4"            |
| No Load RPM-1650           |
| Planing Depth-0"-.0625"    |
| Planing Width-0"-3.25"     |
| Rabbet Depth-5/16"         |
| Rabbet Width-3-1/4"        |
| Rating-120V AC             |
| Variable Speed-No          |
| Voltage-120V               |
| Weight-6.7 lb              |
| Width in-6"                |

#### 6. Variable Speed Reciprocating Saw

|   |
|---|
| Blade Material- Metal   |
| Surface Recommendation-Wood                                       |
| Power Source-Corded Electric                                      |
| Special Feature-Ergonomic Handle                                  |
| Included Components-1- Recip Saw, 1-Hex Key, 1-Wood Cutting Blade |
| Voltage-120 Volts   |
| Item Weight-3.2 kg  |
| Blade Shape-Round   |
| Product Dimensions- 45.72 x 13.97 x 8.59 cm; 3.2 kg               |

#### 7. Amp Biscuit Joiner

|  |
|--|
| Product Type: Plate Joiner                 |
| Amps: 6.5 Amp                              |
| Brand Name: DEWALT                         |
| Case Included: Yes                         |
| Cord length: 8 foot                        |
| Corded or Cordless: Corded                 |
| Depth Adjustment: Yes                      |
| Dust Collection: 1                         |
| Maximum Speed: 1000 Revolutions Per Minute |
| Tool Weight: 6.6 Pound                     |

|   |  |
|---|--|
| Brushed or Brushless: Brushed   |  |
| 8. 18-volt 6-1/2-in cordless circular saw   |  |
| Voltage-18 V  |  |
| Blade Size/Bore Size- 165/20 mm   |  |
| No load Speed- 5000 rpm   |  |
| Cutting Depth 90 Degree/45 Degree-57/41 mm  |  |
| Weight w/o Battery-2.8 Kg   |  |
| Bore Capacity Max-50 Degree   |  |
| Scope of Supply-1x Circular Saw Blade<br>165x1.5/1.0x20 mm  |  |
| 9. 7 Amp Variable Speed Corded Jigsaw   |  |
| Blade Length-8 Inches   |  |
| Item Dimensions L x W x H-14" L x 4" W x 8.43" H  |  |
| Current Rating-7 Amps   |  |
| Number of Teeth-10  |  |
| Power Source-Corded Electric  |  |
| Special Features-Ergonomic Handle   |  |
| 10. 2-1/2" 16- Gauge Finish Nailer  |  |
| Gauge-16  |  |
| Item Nail Gun   |  |
| Fastener Range-1- 2 1/2"  |  |
| Gun Type-Finish   |  |
| Nail type-Brad  |  |
| Item Weight- 5.1 lbs  |  |
| 11. 1-1/2" 18 Gauge Narrow Crown Stapler  |  |
| Assembled Depth (in inches) -14.43  |  |
| Assembled Height (in inches)-13.65  |  |
| Assembled Weight (in lbs)-5.24  |  |
| Assembled Width (in inches)-3.71  |  |
| Packaged Depth (in inches)-14.43  |  |
| Packaged Height (in inches)-13.65   |  |
| Packaged Weight (In lbs)-5.236  |  |
| Packaged Width (in inches)-3.705  |  |
| Cordless/Corded-Cordless  |  |
| Max. Fastener Size (In.)-1-1/2  |  |
| Min. Fastener Size (In.)-1/2  |  |
| Min. Recommended Operating Pressure (Psi.)-70   |  |
| Nail Gauge (Ga.)-18   |  |
| Power Source-Air  |  |
| 12. MIG 100 Flux Wire Welder  |  |
| Welding Current-35 ~ 88   |  |
| Duty Cycle Input- 30% at 70 amps; 45% at 55 amps  |  |
| Input Power- 120 V AC, 20 amps (max) at 60 Hz   |  |
| Open Circuit Voltage- (max) 34 V DC   |  |
| Thermal Overload Protection with Light Automatic shutdown and restart after cool down                 |  |
| Wire Size- 0.025 to 0.030 in. steel and stainless steel;<br>0.030 to 0.035 in. flux core and aluminum |  |

|    |  |        |  |
|----|--|--------|--|
|    | <p>Cable Sizes- Power: 16 AWG x 3C x 6 ft.<br/>     Ground: 8 AWG, 6 ft. (10mm<sup>2</sup>)<br/>     Gun: 8 AWG, 6 ft. (10mm<sup>2</sup>)</p> <p>Welding Capacity- 1 mm to 1/4 in. steel</p> <p>Wire Spool Size- 2 lb. Spool</p>   |        |  |
| 5. | <p><b><u>ELECTRONICS WORKBENCH:-</u></b></p> <p>soldering irons power supplies wire and electronics components screwdriver sets and other small tools heat guns Dremel tools and accessories</p> <ul style="list-style-type: none"> <li>• The basic structure should be made of 38 X 38 X 1.5 mm CRC powder coated pipes for sturdiness.</li> <li>• The overall dimensions of Workbench should be not less than Width = 1200 mm; Depth = 750 mm; Height = 1150 mm</li> <li>• MS drawers 03 numbers: Width = 275 mm; Depth = 375 mm; Height = 100 mm and Thickness = 1.2mm with handle &amp; separate lock on each drawer should be provided</li> <li>• For the panel section, raised back height of 1200mm from floor with matching height support from the side at a depth 500mm for instrument housing with a MS Panel strip below it for housing Electrical Sockets and Switches for external use.</li> <li>• Two Pole MCB (32A – Havells / Siemens) to be provided for safety of Workbench</li> <li>• There should be provision to mount main / mother training and development platform on front panel along with the instruments for easy performing the experiments which should provide visibility for the students working in a group.</li> <li>• Workbench should work on Mains Supply - 240 V AC, 50 Hz</li> <li>• Technical specifications of instruments and facility to be installed on the Workbench should be as under:</li> <li>• 50 MHz Four Channel Digital Storage Oscilloscope</li> <li>• 10 MHz Function Generator with Counter (DDS Technology)</li> <li>• 2.2.3 Dual DC Programmable Power Supply, 2 X 30 V, 2 A</li> <li>• Temperature controlled Soldering and De soldering station with soldering iron and de soldering gun</li> <li>• Multimeter cum LCR Meter</li> <li>• Transformer</li> <li>• Induction Coil</li> <li>• Rheostat and Dimmer</li> <li>• Various Meter assembly – Analog voltmeter, ammeter, wattmeter, multifunction meter, energy meter, power factory meter, frequency meter and flux meter</li> </ul> | 1 each |  |

|    |   |        |  |  |
|----|---|--------|--|--|
| 6. | <p><b><u>FIBER ARTS ACCESSORIES:-</u></b></p> <p>ironing boards and irons<br/>cutting mats<br/>scissors, shears, rotary cutters<br/>acrylic rulers, fabric markers<br/>knitting needles, crochet hooks<br/>pins and safety pins<br/>materials such as yarn, muslin, threads, velcro, zippers, etc.</p>  | 1 each |  |  |
| 7. | <p><b><u>HAND TOOLS:-</u></b></p> <p>1. driver socket sets</p> <ul style="list-style-type: none"> <li>• SPEC: Wrenches are designed to meet or exceed ANSI specifications</li> <li>• FINISH: Forged from high quality steel and finished in high polish chrome.</li> <li>• INCLUDES: 7 Pc 3/8 Drive 12 Point Socket: 3/8,7/16,1/2,9/16,5/8,11/16,3/4  12 Pc 3/8 Drive 12 Point Sockets: Metric- 8,9,10,11,12,13,14,15,16,171,18,19mm 9 Pc 1/4 Drive Bit Set: Pozidriv Bit-1,2,3mm and Hex Bit- 3,4,5,6,7,8mm 9 Pc 1/4 Drive Bit Set: Slotted Bits- 4,5,6.5 and Torx® Bits - T10,T15,T20,T30,T40</li> </ul> <p>2. Wrenches</p> <p>Adjustable Wrenches</p> <p>Combination Wrenches</p> <p>Ratcheting Combination Wrenches</p> <p>3. Screw drivers</p> <p>Number of Items- 58</p> <p>Head Style- Torx</p> <p>Colour- Black</p> <p>Special Feature- Durable</p> <p>Item dimensions L x W x H- 30.5 x 25.4 x 9.5 Centimeters</p> <p>Item Weight- 3.07 Pounds</p> <p>4. Pliers</p> <ul style="list-style-type: none"> <li>Combination Pliers (Length 165mm)</li> <li>Long Nose Pliers Flat Nose (Length 165mm)</li> <li>Long Nose Pliers Round Nose (Length 165mm)</li> <li>Long Nose Pliers Long Nose (Length 165mm)</li> <li>Bent Nose Pliers (Length 165mm)</li> <li>Bent Nose Pliers (Length 210mm)</li> <li>Side Cutting Pliers (Length 165mm)</li> <li>Side Cutting Pliers (Length 205mm)</li> <li>Circlip Pliers (Length 195mm)</li> </ul> <p>5. Tap and die set</p> <ul style="list-style-type: none"> <li>• 34pc. Tap and Die:<br/>m3x0.5,m3x0.6,m4x0.7,m4x0.75,m5x0.8,</li> </ul> | 1 each |  |  |

m5x0.9, m6x0.75, m6x1.0, m7x0.75, m7x1.0,  
 m8x1.0, m8x1.25, m10x1.25, m10x1.5, m12x1.25,  
 m12x1.5, 1/8NPT27

- Material: Alloy Steel
- 1pc. Tap Wrench(m3-m12)
- 1pc. "T" Type Tap Wrench
- 1pc.Die Stock 25mm
- 1pc.Screw Driver
- 1pc.Screw Pitch Gauge

## 6. files, rasps, shaping tools

|                                      |
|--------------------------------------|
| Flat Files (Bastard)                 |
| Flat Files (Smooth)                  |
| Hand Files (Bastard)                 |
| Hand Files (Smooth)                  |
| Round Files (Bastard)                |
| Round Files (Smooth)                 |
| Half Round File (Bastard)            |
| Half Round File (Smooth)             |
| Three Squire Files (Bastard)         |
| Three Squire Files (Smooth)          |
| Squire Files (Bastard)               |
| Squire Files (Smooth)                |
| Knife Files (100 mm)                 |
| Pillar Narrow Files (150 mm)         |
| Flat Handles File (250 mm)           |
| Flat Handles File (250 mm)           |
| Feather Edge Files (125 mm)          |
| Warding Files (100 mm)               |
| Pit Saw                              |
| Flat Wood RASP Files (Bastard)       |
| Flat Wood RASP Files (Smooth)        |
| Half Round Wood RASP Files (Bastard) |
| Half Round Wood RASP Files (Smooth)  |
| Mill Files                           |
| Slim Taper Saw Files                 |
| Regular Taper Saw Files              |
| Heavy Taper Saw Files                |

## 7. Clamps

|       | Content | Size (Max. Opening mm) |
|-------|---------|------------------------|
| Clamp | C Clamp | 55                     |
|       |         | 80                     |
|       |         | 105                    |
|       |         | 155                    |
|       | F Clamp | 200                    |
|       |         | 250                    |

## 8. Hammers and mallets

|  |  |   |        |  |
|--|--|---|--------|--|
| <b>Hammer with Handle (Ball Pein &amp; Cross Pein)</b> |  |   |        |  |
| <b>Weight</b>  |  |   |        |  |
| 110  |  |   |        |  |
| 200  |  |   |        |  |
| 340  |  |   |        |  |
| 500  |  |   |        |  |
| <b>Claw Hammer with Handle</b>                         |  |   |        |  |
| <b>Weight</b>  |  |   |        |  |
| 340  |  |   |        |  |
| 450  |  |   |        |  |
| <b>Machinist Hammer with Handle</b>                    |  |   |        |  |
| <b>Weight</b>  |  |   |        |  |
| 100  |  |   |        |  |
| 200  |  |   |        |  |
| 300  |  |   |        |  |
| 400  |  |   |        |  |
| 500  |  |   |        |  |
| <b>Club Hammer with Handle</b>                         |  |   |        |  |
| <b>Weight</b>  |  |   |        |  |
| 800  |  |   |        |  |
| 1000   |  |   |        |  |
| <b>Soft Faced Hammer with Handle</b>                   |  |   |        |  |
| <b>Mallet Size (mm)</b>                                |  |   |        |  |
| 20   |  |   |        |  |
| 30   |  |   |        |  |
| 40   |  |   |        |  |
| 50   |  |   |        |  |
| <b>Electrician Hammer</b>                              |  |   |        |  |
| <b>No</b>  |  |   |        |  |
| 5  |  |   |        |  |
| 10. Hex key set  |  |   |        |  |
|  | DL233108 T-Type Flat End Hex Key Set   | 2x75mm, 2.5x75mm, 3x100mm, 4x100mm, 5x150mm, 6x150mm, 8x200mm, and 10x200mm |        |  |
| 8.   | <b>ETCHING/PRINTING PRESS</b><br>Motorised The Speedball Etching Press can be used for printing etchings, monotype, and dry point plates, woodcuts, and linocuts. The bed is 24" x 36"   |   | 1 each |  |
| 9.   | <b>LEATHER WORKING TOOLS</b><br>Set A :for Beginner can make vegetable tanner leather such as leather wristband, belt, envelop bag<br>1* Since Awl ( Round)<br>1* Since Pricking Iron Tool ( Japanese Style 3.0mm 2+6)<br>1* Since America Edger (Size 0)<br>1* Since America Edger (Size 2)<br>1* Thread ( 1 roll 0.55mm Cream, if you want other size or color please tell me)<br>1* Cutting mat |   | 1 each |  |

|  |  |  |
|--|--|--|
| <p>5* Polishing Strip<br/>     1* Erase glue tool<br/>     1* Scribble glue tool<br/>     1* Stitching pony<br/>     1* Rubber hammer<br/>     5* Round punch (size 1-5)<br/>     1* Stainless steel ruler<br/>     1* High-density sponge<br/>     10* Sand paper (400/800/1500/2000/2500 mesh)<br/>     1* Scissor<br/>     1* Oxford pad (148mm X 210mm)<br/>     4* Needles (size 4)<br/>     3* Snap setter<br/>     1* Wallpaper knife<br/>     1* box</p> <p>Set B :for Advanced can make Japanese Style leather</p> <p>1* Since leather cutter<br/>     1* Since Awl Japanese style<br/>     1* Since Screw Creaser<br/>     1* Since wooden folder<br/>     1* Sharpener paste<br/>     25* Cotton swabs</p> <p>Set C :for professional</p> <p>1* Pricking Iron Tool Japanese style (4.5mm 2+6)<br/>     1* Since adjustable groove creaser<br/>     1* Since wide edger<br/>     1* Since Groove creaser (size 0)<br/>     1* Since groover (blade 1.2 and 2.0)<br/>     1* Alcohol lamp<br/>     1* Compass<br/>     1* Sharpener plate<br/>     1* A leather hammer instead of rubber hammer<br/>     7* Round punch (size 6-12)<br/>     25* Cotton swabs</p> |  |  |
|--|--|--|

Note : 1 The rate quoted shall be in accounting units(A/U) and should be including& all other costs (as applicable).

The Bidder may quote for higher specification but the price competitiveness shall be given due consideration while analyzing the Financial bid.

- 2 Successful bidder shall be selected on the basis of cost competitive offer in the line so for requirements.
- 3 The validity of the tender is 3 Months from date of opening of bid.
- 4 The rate quoted here shall not been enhanced 3 Months; however, the taxes shall be paid as applicable at that time.

It is hereby confirmed that we shall abide by all the terms & conditions as specified in this tender.

**Signature of the Tenderer  
 With stamp**

## MANDATE FORM FOR ELECTRONIC FUND TRANSFER/RTGS TRANSFER

Date: / /

To,

**Chairman Finance and Purchase Committee, Sangam Rise  
Foundation, Sangam University, Panchayat Atun, Pur  
Road, Bhilwara- 311001, Rajasthan**  
E-mail: [sangamrise@sangamuniversity.ac.in](mailto:sangamrise@sangamuniversity.ac.in)

Sub: Authorization for release of payment / dues from Sangam University, Bhilwara, Rajasthan through Electronic Fund Transfer/RTGS Transfer.

1. Name of the Party/Firm/Company/Institute:
2. Address of the Party:
3. Particulars of Bank;

|              |  |             |  |
|--------------|--|-------------|--|
| Bank Name    |  | Branch Name |  |
| Branch Place |  | Branch City |  |
| PIN Code     |  | Branch Code |  |
| MICR No      |  |             |  |

(9 Digit number appearing on the MICR Bank of the Cheque supplied by the Bank, please attach a Xerox copy to a cheque of the bank for ensuring accuracy of the bank name, branch name and code number)

|  |         |  |  |  |         |  |  |  |             |  |  |
|--|---------|--|--|--|---------|--|--|--|-------------|--|--|
| IFS Code: (11 digit alphanumeric code) |         |  |  |  |         |  |  |  |             |  |  |
| Account Type                           | Savings |  |  |  | Current |  |  |  | Cash Credit |  |  |
| Account Number:                        |         |  |  |  |         |  |  |  |             |  |  |

### **DECLARATION**

I hereby declare that the particulars given above are correct and complete. If any transaction delayed and not effected for reasons of incomplete or incorrect information, I shall not hold Chairman Finance and Purchase Committee, Sangam University, Bhilwara responsible. I also undertake to advise any change in the particulars of my account to facilitate updating of records for purpose of credit of amount through NEFT/RTGS Transfer.

Place: \_\_\_\_\_

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

### **Signature & Seal of the Authorized Signatory of the Party**

Certified that particulars furnished above are correct as per our records

Bankers Stamp:

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

### **Signature of the Authorized Official from the Bank**

**N.B.: Please fill all the information in CAPITAL LETTERS, computer typed; please TICK wherever it is applicable.**

## **AGREEMENT**

*(To be executed on a non-judicial stamp of Rajasthan state @ Rs.1000)*

An agreement made this.....day of .....between.....here in after called as „the Supplier“), which expression shall, where the context so admits, be deemed to include his heirs successors, executors and administrators of the one part and the Chairman Finance and Purchase Committee, Sangam Rise Foundation, Sangam University, Panchayat Atun, Pur Road, Bhilwara - 311001, Rajasthan here in after called „the Procuring Entity“ which expression shall, where the context so admits, be deemed to include his successors in office and assigns, of the other part.

WHEREAS the Procuring Entity invites Bids for certain Goods and Related Services, viz.

.....  
and has accepted a Bid by the Supplier for the supply of those Goods and Related Services for the sum of.....(Amount in figures and words)  
(Here in after the Contract Price").

NOW THIS AGREEMENT WITNESSTH ASFOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract referred to.
2. The following documents shall be deemed to form and be read and construed as a part of this Agreement, viz.
  - (a) The Procuring Entity's Notification to the Supplier of Award of Contract;
  - (b) The Bid Submission Sheet and the Price Schedule including negotiated price, if any, submitted by the Supplier;
  - (c) The Special Conditions of the Contract;
  - (d) The General Conditions of Contract;
  - (e) The SCHEDULE OF Supply;
  - (f) Instructions to Bidders;
  - (g) The Notice Inviting Bids

In the event of any discrepancy or inconsistency within the Contract, the documents shall prevail in the order listed above

3. In consideration to the payments to be made by the Procuring Entity to the Supplier as indicated in this Agreement, the Supplier hereby covenants with the Procuring Entity to provide the Goods and Related Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. The Procuring Entity hereby covenants to pay the Supplier in consideration of the provision of

the Goods and Related Services and the remedying of the 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 the laws of the Central and the State Government on the day, month and year first mentioned herein before.

**Witness 1**

Signed by:

(for the Supplier)

Name .....

Designation.....

Address .....

.....

**Witness 2**

Signed by:

(for the Procuring Entity)

Name .....

Designation.....

Address .....

.....