



GOVERNMENT OF PAKISTAN
FINANCE DIVISION
PAKISTAN MINT, LAHORE
Modernization & Upgradation of Pakistan Mint Phase-II (A)

Purchase Order No:M&E/09/2025-26

Dated 9th June, 2026

M/s Aerospace Integration Technology,
Office No.403, Alpha Techno Square
NASTP Old Airport Road,
Chaklala Cantt. Rawalpindi.
Ph # +92-328-8678954


Subject: **PURCHASE ORDER FOR SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF CNC TURNING MACHINE.**

Please supply the following items as per your Technical/Financial Bid offers. Details given below:

| S.No | Description | QTY | MAKE | PRICE IN PKR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|--|--|-------------------------------------|--|-------------------------|---------------|-------|---|----------------|---------------------|---|----------------|-----------------|---|----------------|----------------|---|-----------------|-----------------|---|------------------|-----------------|---|-------------------------|----------------|---|---------------|------------------|---|---------------|----------------|---|-----------------|---------------|----|-------------|--------------|----|----------------------|------------|----|------------------|-------------------|----|-------------------------|---------------------|----|----------------|-------------------------|----|-----------|-------------------|----|-----------------------------|------------------|----|-----------------------------|------------------|----|--------------------------------|--|----|----------------------------|------------|----|------------------|------------------------------|----|--------------|--|
| 01 | Supply, Installation, Testing and Commissioning of CNC Turning Machine | 01 | CHINA | Rs.49,950,000/- Including taxes and items 2 to 9. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1" style="width: 100%;"> <thead> <tr> <th>S No</th> <th>Specification</th> <th>Range</th> </tr> </thead> <tbody> <tr><td>1</td><td>Swing Over Bed</td><td>Dia 320 mm or above</td></tr> <tr><td>2</td><td>X -Axis stroke</td><td>185 mm or above</td></tr> <tr><td>3</td><td>Y- Axis stroke</td><td>80 mm or above</td></tr> <tr><td>4</td><td>Z - Axis stroke</td><td>540 mm or above</td></tr> <tr><td>5</td><td>Workpiece Length</td><td>530 mm or above</td></tr> <tr><td>6</td><td>Bar Capacity (diameter)</td><td>65 mm or above</td></tr> <tr><td>7</td><td>Spindle Speed</td><td>4000 RPM or more</td></tr> <tr><td>8</td><td>Spindle Power</td><td>15 KW or above</td></tr> <tr><td>9</td><td>C-Axis Indexing</td><td>0.001 Degrees</td></tr> <tr><td>10</td><td>Turret Type</td><td>Power Turret</td></tr> <tr><td>11</td><td>Tool Posts on Turret</td><td>12 or more</td></tr> <tr><td>12</td><td>Live Tooling RPM</td><td>5000 RPM or above</td></tr> <tr><td>13</td><td>X-Z Axis Rapid Traverse</td><td>30 m / min or above</td></tr> <tr><td>14</td><td>CNC Controller</td><td>Siemens SINUMERIC 828 D</td></tr> <tr><td>15</td><td>Tailstock</td><td>Hydraulic or Srvo</td></tr> <tr><td>16</td><td>Positioning Accuracy X Axis</td><td>0.005 mm or less</td></tr> <tr><td>17</td><td>Positioning Accuracy Z Axis</td><td>0.008 mm or less</td></tr> <tr><td>18</td><td>Chip Conveyor for chip removal</td><td></td></tr> <tr><td>19</td><td>Power Supply (Three phase)</td><td>380V ± 10%</td></tr> <tr><td>20</td><td>Electric Cabinet</td><td>Fitted with air conditioning</td></tr> <tr><td>21</td><td>Publications</td><td>Machine operation, maintenance and Controller programming, PLC Alarm</td></tr> </tbody> </table> | | | | S No | Specification | Range | 1 | Swing Over Bed | Dia 320 mm or above | 2 | X -Axis stroke | 185 mm or above | 3 | Y- Axis stroke | 80 mm or above | 4 | Z - Axis stroke | 540 mm or above | 5 | Workpiece Length | 530 mm or above | 6 | Bar Capacity (diameter) | 65 mm or above | 7 | Spindle Speed | 4000 RPM or more | 8 | Spindle Power | 15 KW or above | 9 | C-Axis Indexing | 0.001 Degrees | 10 | Turret Type | Power Turret | 11 | Tool Posts on Turret | 12 or more | 12 | Live Tooling RPM | 5000 RPM or above | 13 | X-Z Axis Rapid Traverse | 30 m / min or above | 14 | CNC Controller | Siemens SINUMERIC 828 D | 15 | Tailstock | Hydraulic or Srvo | 16 | Positioning Accuracy X Axis | 0.005 mm or less | 17 | Positioning Accuracy Z Axis | 0.008 mm or less | 18 | Chip Conveyor for chip removal | | 19 | Power Supply (Three phase) | 380V ± 10% | 20 | Electric Cabinet | Fitted with air conditioning | 21 | Publications | Machine operation, maintenance and Controller programming, PLC Alarm |
| S No | Specification | | | | Range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Swing Over Bed | | | | Dia 320 mm or above | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | X -Axis stroke | | | | 185 mm or above | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Y- Axis stroke | | | | 80 mm or above | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Z - Axis stroke | | | | 540 mm or above | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Workpiece Length | | | | 530 mm or above | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Bar Capacity (diameter) | | | | 65 mm or above | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spindle Speed | | | | 4000 RPM or more | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spindle Power | | | | 15 KW or above | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | C-Axis Indexing | | | | 0.001 Degrees | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Turret Type | | | | Power Turret | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | Tool Posts on Turret | | | | 12 or more | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Live Tooling RPM | | | | 5000 RPM or above | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | X-Z Axis Rapid Traverse | | | | 30 m / min or above | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | CNC Controller | | | | Siemens SINUMERIC 828 D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | Tailstock | | | | Hydraulic or Srvo | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | Positioning Accuracy X Axis | | | | 0.005 mm or less | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | Positioning Accuracy Z Axis | | | | 0.008 mm or less | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | Chip Conveyor for chip removal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | Power Supply (Three phase) | 380V ± 10% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | Electric Cabinet | Fitted with air conditioning | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | Publications | Machine operation, maintenance and Controller programming, PLC Alarm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | SUPPLY, LAYING& TERMINATION OF POWER CABLE 6-SQMM 4 CORE COPPER CONDUCTOR (PRICE PER METER) | 50 MTR | FAST,NEWAGE, PAKISTAN OR EQUIVALENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | SUPPLY, LAYING &TERMINATION OF EARTH CABLE 2.5-SQMM 1 CORE COPPER CONDUCTOR (PRICE PER METER) | 100 MTR | FAST,NEWAGE, PAKISTAN OR EQUIVALENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | GALVANIZED/PAINTED CABLE TRAY , DUCT OR LADDER GUAGE 16 FROM MACHINE TO PANEL SIZE 350X125MM WITH COVER INSTALLATION & COMMISSIONING IN ALL ASPECTS (PRICE PER METER) | 20 MTR | REPUTED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | SUPPLY OF PNEUMATIC SS OR FLEXIBLE PIPE FROM SOURCE TO MACHINE INSTALLATION IN COMPLETE ASPECT SIZE ¼". (PRICE PER METER) | 10 MTR | REPUTED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| 6 | SUPPLY OF WATER FROM SOURCE TO MACHINE IN ALL ASPECT HDPE/PPRC PIPE SIZE ¾". (PRICE PER METER) | 10 MTR | REPUTED |
| 7 | INVERTER AC 1.5TON COMPLETE INSTALLATION | 1 JOB | DAIKIN,MIDEA OR EQUIVALENT |
| 8 | MINOR CIVIL WORKS LIKE MACHINE FOUNDATION/FIXATION AND MACHINE ISOLATION CABIN AT SITE AS PER MACHINE REQUIREMENT ETC. | 1 JOB | REPUTED |
| 9 | ON GRID THREE PHASE INVERTER 2KVA FOR CONTROL SUPPLY OR AS PER MACHINE REQUIREMENT. BACK UP TIME: 5 MINUTES | 1 NO | GERMANY,USA, JAPAN OR EQUIVALENT |
| TOTAL | | | Rs.49,950,000 |
| (Forty nine million Nine hundred fifty thousand only) | | | |
| Delivery Period = 90 days Minimum 01 Year warranty on machine Machine and all components should be delivered at site with proper installation, testing and commissioning on site. | | | |

Note: All terms & conditions mentioned in Tender bidding documents shall also apply.


(Project Director)
Modernization & Up-gradation
of Pakistan Mint, Phase-II (A)

09/06/2026