

## Indicative Annual procurement plan [STRIVE]

Name of State : DELHI

Name of State : SRI GURU HARKRISHAN Pvt. ITI, TILAK NAGAR, NEW DELHI-110018 [PU07000045]

Annual Procurement Plan for Financial Year :

2023-2024

Date of Approval of Annual Procurement Plan :

Approved By/Name of Approving Authority :

TOTAL PLANNED PROCUREMENT AMOUNT (Year 1 to Year 5):- ₹186 (in INR LAKH)

YEAR WISE DETAIL OF PROCUREMENT OF ITEMS (GOODS, SERVICES, ETC.) ARE DETAILED BELOW:

### A. ITEMS TO BE PROCURED IN YEAR-1

| S No. | NAME OF ITEMS               | SPECIFICATIONS   | TRADE FOR WHICH IT IS REQUIRED | TOTAL REQUIRED | METHODE OF PROCUREMENT (eg. SHOPPING/COMPETITIVE BIDDING) |
|-------|-----------------------------|--|--------------------------------|----------------|---|
| 1     | Laptop                      | Intel Core i7 Processor minimum 12th Generation, RAM 16 GB, 1 TB SSD, Integrated Graphic Card, DVD Writer (optional), Display Size : 15.6 inch, Battery Warranty 3 Years Windows 11 Professional, Onsite OEM Warranty : 3 years, (Make : Lenovo/Dell/HP)   | COPA                           | 1              | Competitive Bidding/ Open Market                          |
| 2     | Desktop Computer            | Intel Core i7 Processor minimum 12th Generation, RAM 16 GB, 1 TB HDD, Integrated Graphic Card, DVD Writer, Wi-Fi Enabled. Network Card: Integrated Gigabit Ethernet, Display Size : 22 inch, Windows 11 Professional, Keyboard and Mouse wired, Onsite OEM Warranty : 5 years, (Make : Lenovo/Dell/HP) | COPA                           | 5              | Competitive Bidding/ Open Market                          |
| 3     | Working Model of Disk Brake | Disk brake in working condition with caliper assembly with all parts Exhibiting Brake disc, Caliper assembly, tandem master cylinder, brake hoses, oil bottle, pedal, etc  | MMV                            | 1              | Competitive Bidding/ Open Market                          |

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|---|--|--|---------------------|---|----------------------------------|
| 4 | Functional /experiment model of different type of sensors. | With Different type of sensors like Throttle Position Sensor, Manifold Absolute Pressure Sensor, Engine Coolant Temperature Sensor, Vehicle Speed Sensor, Oxygen Sensor, Crankshaft Position Sensor, Camshaft Position Sensor, Intake Air Temperature Sensor, Mass Air Flow Sensor, Knock Sensor with ECU.   | MMV                 | 1 | Competitive Bidding/ Open Market |
| 5 | Working model of torque converter                          | Working model of torque converter, (Speed control with DC Motor), with input of 220/240 volts, 50 Hz   | MMV                 | 1 | Competitive Bidding/ Open Market |
| 6 | LCR meter (Digital) Handheld                               | 3-1/2 Digits Large LCD Display, Resistance: 0-200/2k/20k/200k/2M/20MΩ., Capacitance: 0-2n/20n/200n/2u/20u/200u/2000uF, Inductance: 0-200u2m/20m/200m/2H/20H, Transistor Test, Diode Test, Audible Continuity Test Facility   | ELECTRONIC MECHANIC | 1 | Competitive Bidding/ Open Market |
| 7 | Laptop   | Intel Core i7 Processor minimum 12th Generation, RAM 16 GB, 1 TB SSD, Integrated Graphic Card, DVD Writer (optional), Display Size : 15.6 inch, Battery Warranty 3 Years Windows 11 Professional, Onsite OEM Warranty : 3 years, (Make : Lenovo/Dell/HP)   | ELECTRONIC MECHANIC | 1 | Competitive Bidding/ Open Market |
| 8 | EV Charger   | Minimum 3.5" inches with 720x480 pixels Display, 3 phase input, Output power-22 KW, Input Voltage-400V (L-L)-5 wires (R, Y,B,N, PE), Number of Outputs - 1 Number Output Connector - Max. 32A, Push Button - Emergency stop Protection, Over Voltage, Under Voltage, Over Current, Surge Protection Device, Emergency Shutdown, NE (Neutral - Earth) Voltage Tripping, Inbuilt RCMU (Residual Current Monitoring Unit) Charger and Vehicle, Charger and CMS - Both options available GSM (2G/3G/4G) and Wi-Fi (Wire-Less) Features - 1. Compact Design Robust, Suitable for indoor and outdoor use (IP-54 protection) 2. Current control between 6A - 32 A inbuilt Residual current Monitoring Unit (RCMU) 3. Easy to install. | ELECTRICIAN         | 1 | Competitive Bidding/ Open Market |

|   |                   |   |             |   |                                  |
|---|-------------------|---|-------------|---|----------------------------------|
| 9 | EV Charger (Home) | <p>Minimum 3.5" inches with 720x480 pixels Display, 1 phase input, Output power–7.4 KW, Input Voltage 230V (L-N) 3 wires (L-N-PE) Number of Outputs – 1 Number Output Current rating – Max. 32A, Push Button – Emergency stop Protection, Over Voltage, Under Voltage, Over Current, Surge Protection Device, Emergency Shutdown, NE (Neutral–Earth) Voltage Tripping, Inbuilt RCMU (Residual Current Monitoring Unit) Charger– Both options available GSM (2G/3G/4G) and Wi-Fi (WireLess) Features – 1. Compact Design Robust, Suitable for indoor and outdoor use (IP-54 protection) 2. Current control between 6A – 32 A for 7.4 KW inbuilt Residual current Monitoring Unit (RCMU) 3. Easy to install</p> | ELECTRICIAN | 1 | Competitive Bidding/ Open Market |
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| 10 | Smart Meter<br>1-Phase | <p>LCD (Six digits) 240 volts (P-N), 10-60 Amp with 120% overload capacity, Features- 1. WAN — HAN upgradable, 2. Programmable TOU/TOD, 3. Multi-vendor — MDMS Capable, 4. Anti-Tamper and Tamper alerts by Instant Push, 5. Smart AMI with Programmable Post/Prepayment and Net metering Modes, 6. UC1 load switch with Configurable Demand and Peak load. SPECIFICATION Measurement- • Active and Apparent measurements both in import and export • Programmable Block Window and Sliding Window MD Calculation methods Time Clock and Calendar - • Inbuilt RTC, • Accuracy (internal) as per standard, within 15 seconds per month Security - • Multi-level security (user name and password including encrypted log-in), • Up to seven independent security levels Communication - • DLMS inbuilt Client and Server mode • Optical, AMI and serial ports, • Pluggable and Technology interoperable WAN port Battery Options - • Internal battery for Display and back up Separate Battery for RTC LCD Display - • LCD segment display, • Real-time Programmable display parameters, • Display digit size: 4.5mm (W): 10mm (H) Display available even without mains power</p> | ELECTRICIAN | 1 | Competitive Bidding/ Open Market |
|----|------------------------|--|-------------|---|----------------------------------|

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|----|---|---|-------------|---|----------------------------------|
| 11 | Smart Meter<br>3-Phase                      | <p>LCD (Six digits),240 volt (P-N), 415 volt (P-P), 20-100 amp with 120 % overload capacity, 1. Smart AMI with Programmable Post/Pre-payment and Net metering Modes 2. Multi-vendor Inter operable Communication with self-integrable capability</p> <p>3. Anti-Tamper and Tamper alerts by Event Push, 4. Programmable TOU/TOD 5. WAN — HAN upgradable, 6. UC1 load switch with Configurable Demand and Peak load Measurement - • Active and Apparent measurements both in import and export • Programmable Block Window and Sliding Window MD Calculation methods Security, • Multi-level security (user name and password including encrypted log-in), • Up to seven in dependent security levels, • Display available even without mains power Environmental, • Inbuilt storage as per standard — expandable at factory, • Intervals programmable from 1 to 60 minutes Time Clock and Calendar • Inbuilt RTC, • Communication Variants, • Pluggable GPRS 2G/3G Battery Options • Internal battery for Display and backup, • Separate Battery for R T C Tamper Detection and Alarms • Alarms trigger, • Alarm Trigger Push, • Alarms are stored in event logs • Self - diagnostic feature, • Up to 200 Events storage Prepayment - •Inbuilt Prepayment mode, • Real-time pre-payment and post payment selection.</p> | ELECTRICIAN | 1 | Competitive Bidding/ Open Market |
| 12 | I 5 AND I7<br>COMPUTER OR<br>latest VERSION | <p>Intel Core i7 Processor minimum 12th Generation, RAM 16 GB, 1 TB HDD, Integrated Graphic Card, DVD Writer, Wi-Fi Enabled. Network Card: Integrated Gigabit Ethernet, Display Size : 22 inch, Windows 11 Professional, Keyboard and Mouse wired, Onsite OEM Warranty : 5 years, (Make : Lenovo/Dell/HP)</p>   | ELECTRICIAN | 1 | Competitive Bidding/ Open Market |
| 13 | Laptop                                      | <p>Intel Core i7 Processor minimum 12th Generation, RAM 16 GB, 1 TB SSD, Integrated Graphic Card, DVD Writer (optional), Display Size : 15.6 inch, Battery Warranty 3 Years Windows 11 Professional, Onsite OEM Warranty : 3 years, (Make : Lenovo/Dell/HP)</p>   | REF/AC      | 1 | Competitive Bidding/ Open Market |