

**Tender | Supply of Tools,
Equipments and Machinery for**

**SRI GURU HARKRISHAN
PRIVATE ITI
(STRIVE PROJECT)**

FOR THE YEAR

2022-2023

OFFICE

**SRI GURU HARKRISHAN PRIVATE ITI
(STRIVE PROJECT)**

Opposite Block 20, Tilak Vihar, Tilak Nagar, New Delhi-110018
Phone 011-25990988,25991249, E-Mail: sghtc@gmail.com, Website: <http://sghti.weebly.com>

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**Tender | Supply of Tools, Equipment's and Machines for
SRI GURU HARKRISHAN PRIVATE ITI (STRIVE PROJECT)**

1. Tender Notice

**SRI GURU HARKRISHAN PRIVATE I T I
Opposite Block 20, Tilak Vihar, Tilak Nagar, New Delhi-110018**

**Invites bid for supplying Tools, Equipments and Machinery under
Strive Project.**

1. The Secretary/Principal of SRI GURU HARKRISHAN PRIVATE ITI invites bids from eligible bidders for the procurement of Tools, Equipments and Machinery including installation and commissioning at **SRI GURU HARKRISHAN PRIVATE I T I**.
2. The bid process will be conducted according to two bid system i.e. Technical bid & Financial bid and is open to all bidders from eligible bidders as described in bidding document.

Key Dates and Time

Package No.	Pre Bid Meeting Date and Time	Last date for submission of bid	Technical bid opening date and time	Financial bid opening date and time
SGHITI/STRIVE/2022-23/COPA	20-02-2023, 10:00 AM	21-02-2023, 09:00 AM	21-02-2023, 11:30 AM	22-02-2023, 10:00 AM
SGHITI/STRIVE/2022-23/ELECTRONICS	20-02-2023, 10:00 AM	21-02-2023, 09:30 AM	21-02-2023, 12:00 Noon	22-02-2023, 10:30 AM
SGHITI/STRIVE/2022-23/ELECTRICIAN	20-02-2023, 10:30 AM	21-02-2023, 10:00 AM	21-02-2023, 12:30 PM	22-02-2023, 11:00 AM
SGHITI/STRIVE/2022-23/MMV	20-02-2023, 10:30 AM	21-02-2023, 10:30 AM	21-02-2023, 01:00 PM	22-02-2023, 12:00 Noon
SGHITI/STRIVE/2022-23/RAC	20-02-2023, 11:00 Noon	21-02-2023, 11:00 AM	21-02-2023, 02:00 PM	22-02-2023, 01:00 PM

2. Tender Rules

Scope of Tender

The PRINCIPAL/SECRETARY, **SRI GURU HARKRISHAN PRIVATE ITI (STRIVE PROJECT)** Opposite Block 20, Tilak Vihar, Tilak Nagar, New Delhi-110018

(hereinafter referred as Tender Inviting Authority and/or Tender Acceptance Authority and/or Ordering Authority unless the context otherwise requires) Invites bids (Two bid system) from Manufacturers or Authorized dealers for Supply of Tools, Equipments and Machines for **SRI GURU HARKRISHAN PRIVATE ITI (STRIVE PROJECT)** Opposite Block 20, Tilak Vihar, Tilak Nagar, New Delhi-110018as below :

Eligibility Criterion

The Tenderer should fulfil the following eligibility criteria:

- a) The Tenderer should be Manufacturer or Authorized Dealer having relevant Registration License of Manufacturer/ Authorized Dealer / MSME and such a Registration should be valid as on the date of Tender submission.
- b) The Tenderer should have achieved annual turnover of Rs. 50 Lakh in Last Financial Year.
- c) The Tenderer should not be blacklisted either by the Tender Inviting Authority or by any State Government or by Government of India.
- d) The Manufacturer should be in the business of manufacturing of similar equipment for a period not less than 3 Years.
- e) The Tenderer must submit the Form "A" on letterhead with signature & stamp as given in Annexure-1

Earnest Money Deposit (EMD)

- a) All tenders must be accompanied with Tender-wise EMD with bid.
- b) The EMD should be submitted as per table below through Bank Guarantee / FDR / Banker Cheque in favour of **SRI GURU HARKRISHAN ITC**. Earnest Money submitted in any other form will not be accepted and the tender will be rejected.
- c) The EMD shall be refunded to the unsuccessful tenderer after finalization of the contract. It shall be refunded to the successful tenderer on receipt of the performance security deposit.
- d) The EMD will be forfeited, in case Tenderer withdraws its Tender during the validity of bids OR the successful bidder who fails to sign the contract agreement.

S No.	Tender No	EMD Amount (INR)
1	SGHITI/STRIVE/2022-23/COPA	10,000/-
2	SGHITI/STRIVE/2022-23/ELECTRONIC	10,000/-
3	SGHITI/STRIVE/2022-23/MMV	15,000/-
4	SGHITI/STRIVE/2022-23/ELECTRICIAN	20,000/-
5	SGHITI/STRIVE/2022-23/RAC	25,000/-

Preparation and submission of Tender

- a) Bidder should give all relevant particulars about every item, such as maker's name Country of Manufacture and Specifications and Price etc.
- b) All documents/papers should be numbered, signed and sealed by the Tenderer on each page.
- c) The Tender is required to be prepared and submitted in two parts viz. 'Part A - Technical Bid' and 'Part B - Financial Bid'.
- d) The '**Envelope of Part-A Technical Bid**' shall contain all essential documents for Technical Tender. Such documents attached as per Annexure-1.
- e) The '**Envelope of Part-B- Financial Bid**' shall contain duly filled, stamped and signed Price Schedule in the format provided in Annexure – 3.
- f) The tenders as above should be submitted at **SRI GURU HARKRISHAN PRIVATE ITI Opposite Block 20, Tilak Vihar, Tilak Nagar, New Delhi-110018** as per Scheduled date and time.
- g) Tender submitted or received after the closing date and time will not be considered.
- h) Tender has been called for in the names of Items. The Tenderers should quote the rates for the Items mentioned in tool & equipment and machinery as mention in List.
- i) The Tenderer should mention the name of manufacturer of the item being quoted.
- j) The rates should be quoted in format of Price Schedule shown in **Annexure-3. Rates quoted in any other format will be rejected.**
- k) Rates quoted should all inclusive of Customs Duty, GST, Transportation, Installation, Testing charges etc.
- l) Quoted rates are valid up to six months from the date of signing of contract agreement and shall be firm during the currency of the contract.

Performance Security:

- a) 5% of total contract value will have to be deposited as performance security in form of Bank Guarantee/ Demand Draft/FD in favour of SRI GURU HARKRISHAN ITC by the bidder .
- b) The performance security deposit shall be forfeited in case any terms and conditions of the contract/ agreement etc. are infringed or the bidder fails to complete the supply in time.

Opening of Tenders

- a) The Tenders shall be opened at the scheduled date, time at Sri Guru Harkrishan Private ITI, Opposite Block 20, Tilak Vihar, Tilak Nagar, New Delhi-18. The Tenderers' representative may attend the Tender opening.
- b) In the event, the date of opening as above is declared government holiday; the tenders shall be opened at the same time on the next working day.

Evaluation of Tenders

- a) The purchase committee, constituted by the Tender Inviting Authority, shall evaluate the tender with reference to technical requirements and various other commercial criteria given in the Tender Document.
- b) Tendering agency reserves the right to the cancel; disqualify any tender despite being of low rate, if they are not satisfied with the quality of products offered.

Placement of Purchase Orders and Delivery Requirements

The supplier should complete the supply at the **SRI GURU HARKRISHAN PRIVATE ITI, Opposite Block 20, Tilak Vihar, Tilak Nagar, New Delhi-110018** within 15 days from the date of issue of purchase order.

- a) The undersigned reserves the rights for any changes/cancellation/rejection of any part or whole tender, without assigning any reason what so ever.
- b) **Warrantee/Guarantee should be for a period of minimum 3 years.**
- c) Quantity of Items mention in Tender can be changed by Tenderer at any time.
- d) The undersigned reserves the right to split up the order for supply of articles at tender for amongst more than one tender.

Terms and Conditions

- a) The Tender inviting authority may ask for samples and demonstration of any particular item quoted by the bidders. The bidders shall have to submit samples and give Demonstration in the prescribed time limit. In case the samples are not produced in the prescribed time it shall be open to the undersigned to forfeit Earnest Money Deposited by the bidder. If the samples sent by the party are approved the same will be adjusted in regular supply and in the case of rejection, they will be returned back to the party at his cost.
- b) The Items including its packing (packaging), to be supplied, shall be of the best quality and shall comply with the specifications given in the Tender Document.
- c) All Items should be supplied with quality certificate. The undersigned may get the items inspected by such person or persons he deems fit and to reject such of these items as in his opinion do not come up to the specification. The decision of the undersigned will be final in such cases. The rejected items will be returned on the bidder's cost.
- d) If any of the Items supplied by the tenderer, found to be 'Not of Standard Quality' after the delivery, the tenderer should supply the whole Item quantity again irrespective of consumption of that particular.
- e) **Guarantee Certificate:** - The Bidder will have to submit the GUARANTEE CERTIFICATE as per **Annexure – 04**
- f) **Warrantee/Guarantee should be for a period of minimum 3 year.**
- g) The Bidders are strictly advised to follow the time schedule (Key Dates and time) of the tender.
- h) Material should be conforming to our specifications. The deviations, if any should be clearly indicated in the quotation.
- i) Successful bidder has to furnish the OEM test certificates alongwith materials(if applicable)
- j) Conditional tenders will not be considered.
- k) Delivery period should be clearly mentioned in quotation.

Payment Terms

Payment will be made to Supplier only after delivery and checking of all Items.

Settlement of Disputes

In the event of any dispute arising out of the tender or orders such dispute would be subject to the jurisdiction of Courts of Delhi nearest to the place of Tender Inviting Authority.

For any further queries, bidders may kindly contact

on working days between 10:00 AM to 04:00 PM

Mob: 9873255006

Tendering Helpdesk at SRI GURU HARKRISHAN PRIVATE ITI (STRIVE PROJECT) DELHI

Tel. No. 25990988, 25991249

E-mail:- sghitc@gmail.com

FORMAT OF COVERING LETTER

Ref No:

Date:

To,

**The Principal/Secretary
Sri Guru Harkrishan Private ITI (STRIVE Project) Delhi
Opposite Block 20, Tilak Vihar, Tilak Nagar, New Delhi-110018**

Sub: Submission of Supply of Tools & Equipment for SRI GURU HARKRISHAN PRIVATE ITI (STRIVE PROJECT) DELHI,

Tender No.

Dear Sir,

As per terms & conditions of the tender following documents are submitted as under:

1. Form "A" Enclosure No.

Tender No	Earnest Money Deposit	Bank Guarantee /FDR/Banker Cheque No.	Date	Issuing Bank
01				

2. Other Testimonials

The entire item is quoted with brand name & full specification. The technical detail as desired is submitted in prescribed format is enclosed.

Authorized Signatory Name & Signature with Seal	
Date	

FORM – A

(To be signed and returned along with the tender)

Ref No:

Date:

To,

**The Principal/Secretary
Sri Guru Harkrishan Private ITI (STRIVE Project) Delhi
Opposite Block 20, Tilak Vihar, Tilak Nagar, New Delhi-110018**

Sub: Submission of Supply of Tools & Equipment for. **Sri Guru Harkrishan Private ITI (STRIVE Project) Delhi**

Dear Sir,

I/We

Name of Authorized Signatory	
Name of Bidder	
Address of Bidder	
Phone	
e-Mail	

Have read the Tender rules for the supply of various goods as per Tender notice to the **SRI GURU HARKRISHAN PRIVATE ITI (STRIVE PROJECT) DELHI**. and I/We accept all rules for Tender. I qualify the eligibility criteria of tender documents.

Authorized Signatory Name & Signature with Seal	
Date	

PRICE SCHEDULE

Tender No.

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S.No	Name & Specification of Item	Make	Qty	Price for each unit (in Rs.)				Total price inclusive of all (Rs. in figures)	Total price inclusive of all (Rs. in words)
				Unit Price	GST	Any Other Charges	Total price inclusive of a+b+c (Rs. in figure)		
				(a)	(b)	(c)	(a+b+c)=d	(d*Qty)=e	(f)

Authorized Signatory Name & Signature with Seal	
Date	

GUARANTEE CERTIFICATE

(On the original letter head of the manufacturer)

Ref No:

Date:

To,

**The Principal/Secretary
Sri Guru Harkrishan Private ITI (STRIVE Project) Delhi
Opposite Block 20, Tilak Vihar, Tilak Nagar, New Delhi-110018**

**Sub: Submission of Supply of Tools & Equipment for. SRI GURU HARKRISHAN
PRIVATE ITI (STRIVE PROJECT) DELHI,
Tender No.**

M/s

Dear Sir,

With reference to the above, this is to certify that the following item has been supplied by our
Authorized Dealer M/s

SN	Item Name & Description	QTY
1		
2		

We further certify that the material supplied as above has been duly pre inspected by us and have been found to be in conformity with specification as per the terms & conditions of the supply order.

They are hereby guaranteed for a period of 03 YEARS from the date of receipt at respective ITI; against any material defects, manufacturing defects (Including assembly installation, commissioning as applicable) and bad workmanship.

In case of any defect, we guarantee to replace the same immediately without at any cost.

Seal & Signature of Dealer	Seal & Signature of Manufacturer
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CHECK LIST for ENEVELOPE -A

SN	Documents	Submitted Y/N	Page No
1.	Covering Letter duly signed & stamped on letter head.		
2.	Form – A duly signed & stamped on letter head		
3.	Self-attested copy firm registration Certificate/License		
4.	Self-attested copy of registration in Commercial GST no.		
5.	Self-attested copy of Bidder Aadhar No. and PAN Card		
6.	Annual Turn Over of Last three financial years.		
7.	Declaration Form		

Also bidder has to submit:

- a. Duly filled Quotation in Annexure-3 Price schedule, to be deposited in financial bid Envelope-B.
- b. EMD in form of Bank Guarantee/FDR/Bankers Cheque in Favour of **Sri Guru Harkrishan ITC**

Authorized Signatory Name & Signature with Seal	
Date	

DECLARATION

I/we will submit tools, Machinery, Equipments as per given time schedule, Specifications, per Terms and conditions of Tender.

Authorized Signatory Name & Signature with Seal	
Date	

OR

I/we will submit tools, Machinery, Equipments as per given time schedule, Specifications, Terms and conditions of Tender except in the following items:

S.No	Original Name & specification of Item	Deviation in item	Qty

Authorized Signatory Name & Signature with Seal	
Date	

TENDER No.: SGHITI/STRIVE/2022-23/COPA

S No.	NAME OF ITEMS	SPECIFICATIONS	TOTAL REQUIRED
1	Air conditioner	1.5 ton Split Type	3
2	CRIMPING TOOL	N/A	5
3	PATCH PANEL	24 PORTS	2
4	LAN TESTER	N/A	5
5	PUNCHING TOOL	N/A	5
6	BATTERY	18 AH, 12 VOLTS	30
7	Computer Table	Laminated Top 150x650x750 mm with sliding tray for key board and one shelf of storage	12
8	Computer Chair	Without arms mounted on castor wheels, adjustable height	7
9	Writing Chairs	N/A	24

TENDER No.: SGHITI/STRIVE/2022-23/ELECTRONIC

S No.	NAME OF ITEMS	SPECIFICATIONS	TOTAL REQUIRED
1	CRO Dual Trace	CRO Dual Trace 20 MHz (component testing facilities)	1
2	POWER ELECTRONICS TRAINER	with at least 6 no's of application board MOSFET Characteristics SCR Characteristics SCR Lamp Flasher SCR Alarm Circuit Series Inverter Single Phase PWM Inverter	2
3	AC Motor Trainer Kit	¼ HP motor Single Phase Contactors, Relays, MCB, DOL Starter	1
4	UPS	3 KVA WITH BATTERY BACKUP	1
5	Digital IC Trainer Breadboard	for Circuit design with necessary DC Power Supply, Graphical LCD, Clock Frequency 4 different steps, Data Switches: 8 Nos, LED Display: 8 Nos. (TTL), Seven Segment Display, Teaching Simulation Software	1
6	Microcontroller kits	Along with programming software (Assembly level Programming) Core 8051, ready to run programmer for AT89C51/52 & 55, programming modes Key Pad and PC circuits. Detailed learning content through simulation Software.	1
7	Application kits (Microcontrollers)	Application kits for Microcontrollers 6 different applications 1. Input Interface : 4x4 Matrix Keypad, ASCII Key PAD, Four Input Switch 2. Display Module 16X2 LCD, Seven Segment, LED Bar Graph 3. ADC/DAC Module with most popular DC/DAC0808 4. PC Interface: RS232 & USB 5. Motor Drive: DC, Servo, Stepper 6. DAQ: Data Acquisition to sense different sensors signals	1
8	UPS trainer PWM switching technology,	Test points to measures the voltages of different sections Overall functioning of UPS Trainer, AVR transformer, UPS with load condition	1
9	Mobile phone Trainer	2G /3G/4G Dual SIM GSM Handset. Frequency measurement and band verification. Real time Mobile Operation	1

10	Sensor Trainer Kit	<p>Containing following Sensors</p> <ol style="list-style-type: none"> 1. Thermocouple, 2. RTD, 3. Load Cell/ Strain Gauge 4. LVDT, 5. Smoke Detector Sensors, 6. Speed Sensor, 7. Limit Switch, 8. Photo sensors, 9. Optocouplor, 10. Proximity Sensor Graphical touch LCD with inbuilt processor for viewing the output waveforms, In built DAQ, and standard processing circuits like Inverting , Non-Inverting, Power, Current , Instrumentation Differential Amplifier, F/V,V/F, V/I, I/V Converter, Sensors:RTD, NTC Thermistor, LM35 Thermocouple, Gas (Smoke) Sensor, Load cell, LVDT Sensor, Speed Sensor 	1
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TENDER No.: SGHITI/STRIVE/2022-23/ELECTRICIAN

S No.	NAME OF ITEMS	SPECIFICATIONS	TOTAL REQUIRED
1	Reverse current Relays	16A, 440V	1
2	Over current Relays	16A, 440V	1
3	Under voltage Relays	360- 440V	1
4	Earth Plate	COPPER 60cm X 60cm X 3.15mm	1
5	Earth Plate	GI 60cm X 60cm X 3.15mm	1
6	EARTH ELECTRODE PRIMARY	2100x28x3.25mm COPPER	1
7	EARTH ELECTRODE SECONDARY	20X5 mm COPPER	10
8	EARTH ELECTRODE PRIMARY	2100x28x3.25mm GI	1
9	EARTH ELECTRODE SECONDARY	20X5 mm GI	10
10	MCCB	100Amps, Triple pole	1
11	ELCB	25Amps, double pole, I Δ n 30 mA	1
12	RCCB	25Amps, double pole, I Δ n 30 mA	1
13	AC ENERGY METER	Three Phase, 15 A , 440 V induction type	1
14	LUX METER	lux meter LCD read out 0.05 to 7000 lumens with battery.	1
15	VARIABLE AUTO TRANSFORMER	10amp, 1phase, 0-270v Output	1
16	RCC Pole with accessories	RCC Pole with accessories	1
17	Digital Multi Meter	DC 200mv-1000v, 0 – 10A & AC 200mv- 750v, 0-10A, resistance 0-20 M Ω and 3 1/2 digit	12
18	Kilo Wattmeter Analog	0-1.5-3KW, pressure coil rating-240v/440v, current rating-5A/10A Analoge, box type	1
19	Digital Wattmeter	230 V, 1 KW, 50 Hz	2
20	Power Factor Meter Digital	3phase, 440v,20A, box type	2
21	Tong Tester / Clamp Meter	0 - 100 A (Digital Type)	2
22	Temperature controlled Soldering Iron	50-Watt, 230 Volt	2
26	3- point D.C. Starter	For 2.5 KW DC motor	1
27	4- point D.C. Starter	For 2.5 KW DC motor	1
28	Phase Sequence Indicator	3 Phase, 415 V	2
29	Resistance Type Starter	3 Phase, 415 V	1
30	Auto Transformer Type Starter	3 Phase, 415 V	1
31	Discrete Component Trainer	Discrete Component (for diode and transistor circuit) with regulated power supply +5,0- 5 V,+12 ,0-12 V	1

32	Inverter with Battery	1 KVA Sine wave inverter with 12 V 150Ah Tubular Battery	2
33	Solar panel with Battery	Power Inverter,Solar Panel 18W 18V,Solar Charge Controller 30A 12V/24V, 12v battery, clips & cables	1
34	DC SHUNT GENERATOR	2.5 KW with 3-PHASE Squirrel Cage Induction Motor 5HP 440V, with control panel & star delta starter	1
35	Motor-Generator (AC to DC)	Squirrel Cage Induction Motor with star delta starter and directly coupled to DC shunt generator and switch board mounted with regulator, air breaker, ammeter, voltmeter, knife blade switches and fuses, set complete with case iron and plate, fixing bolts, foundation bolts and flexible coupling. Induction Motor rating: 7.5 HP, 415V, 50 cycles, 3 phases. DC Shunt Generator rating: 5 KW, 440V (Output voltage varies 110-440v)	1
36	D.C. Compound Generator with control panel	Including fitted rheostat, voltmeter, ammeter and breaker, 2.5 KW, 220V & 3phase Squirrel cage Induction Motor, 5HP, 440V, with control panel & star delta starter	1
37	DC Series Motor	2.5KW/220V, coupled with spring balance load and Starting arrangement.	1
38	DC Shunt Motor	2.5KW/220V, with Starting arrangement.	1
39	DC compound Motor	2.5KW/220V, with Starting arrangement.	1
40	Motor Generator(DC to AC) set	Consisting of - Shunt Motor 5 HP, 440V DC with starting compensator and switch directly coupled to ALTERNATOR 3-Phase, 4 wire, 3.5 KVA, 400/230 Volts, 0.8 pf, 50cycles with exciter and switch board mounted with regulator, breaker, ammeter, voltmeter frequency meter, knife blade switch and fuses etc. Set complete with cast iron bed plate, fixing bolts, foundation bolts and flexible coupling.	1
41	AC Squirrel Cage Motor	AC Squirrel Cage Motor 5 HP, 3-Phase, 415 V, 50 Hz with star delta starter and triple pole iron clad switch fuse with Mechanical Load.	1
42	AC phase-wound slip ring Motor	5 HP, 3-Phase, 415 V, 50 Hz with starter switch	1
43	Universal Motor	240 V, 50 Hz, 1 HP with starter/switch	1
44	Synchronous motor	3 Phase, 3 HP, 440V, 50Hz, 4 Pole with accessories like starter, excitation arrangements.	1

45	ELECTRICAL MACHINE TRAINER:-	DC Shunt Motor 2HP 220V, Coupled with DC Shunt Generator 0.5KW 220V With AC Alternator 0.5 KW & AC Induction Motor 1HP 220VAC , Necessary ammeters and voltmeters, freq meter, thyristor DC drive, variable DC supply, wattmeter, tachometer, necessary protections MCB etc	1
47	A.C. Series type Motor	1 HP, 240 V, 50 Hz	1
48	Ceiling fan coil Winding Machine	250V, 50 Hz, 1- Φ , with speed control	1
49	Primary current injection set	220V, 50 Hz, 1- Φ , output current - 200 A (min) with timer	1

TENDER No.: SGHITI/STRIVE/2022-23/MMV

S No.	NAME OF ITEMS	SPECIFICATIONS	TOTAL REQUIRED
1	Air blow gun	With standard accessories Trigger operated with interchangeable nozzles with male female adopter	1
2	Air impact wrench	With standard accessories (heavy duty)	2
3	Battery-charger	Capable to charge batteries from 5AH 150AH. With varriable current (copper)	2
4	Car jet washer	With stander accessories Minimum 3 Phase 1HP 1400RPM Motor, 3 Reciprocating Plungers with pressure regulator & gauge. 8m Water hose with pressure adjustable brass nozzle, 20 mtrs pipe with stand	1
5	Outside Micrometer	0 to 25 mm	2
6	Outside Micrometer	25 to 50 mm	2
7	Outside Micrometer	50 to 75 mm	1
8	Outside Micrometer	75 to 100 mm	1
9	Piston ring compressor	Piston ring ,compressor cylinder installer with plier, 14 bend tool set for car truck and auto engine	2
10	Vacuum gauge	0 to 760 mm of Hg	2
11	WORKING MODAL OF AIR BRAKE ASSMBLY. (latest technology)	Two brake drums, vehicular air compressor driven by suitable Electric Motor, air dryer, brake chamber. stop light, different valves, air pressure gauges. With all accessories.	1
12	Disk brake	Working condition with caliper assembly with all parts Exhibiting Brake disc, Caliper assembly, tandem master cylinder, brake hoses, oil bottle, pedal, with disc rotory system.	1
13	Drum brake assembly	Drum brake assembly in Working Condition Brake drum, tandem master cylinder, oil container, brake hose, brake pedal, with motor.	1
14	Steering assembly	1.Rack & pinion (Rack & Pinion with steering wheel, column, tie rod end) 2. Worm & roller (Worm & Roller steering assembly with drop arm.) 3. Recirculating ball (Recirculating Ball steering with pitman shaft and drop Arm.) 4. Power steering (Hydraulic working power steering with steering wheel, column, flow pipe, hydraulic pump, oil reservoir.) 5. Electric Assisted Power Steering (Electric Assisted Power Steering with Rack and pinion, Electric Motor and Motor Control Module)	1

15	Hydraulic jack	HI-LIFT type 3-Ton capacity	1
16	Hydraulic jack	HI-LIFT type 5-Ton capacity	1
17	Multi Scan Tool	To scan Engine, ABS & EBD, AT, SRS, Body Control and immobilizer capable with all car software.	1
18	Spring tension tester	N/A	1
19	Air bag simulator Driver & Co Driver Air Bags, Seat belts with front seats, crash sensors, air bag ECU, Wiring Harness	Air bag simulator Driver & Co Driver Air Bags, Seat belts with front seats, crash sensors, air bag ECU, Wiring Harness	1
20	Air conditioning service Unit (Car)	recover charging gas, oil, refilling	1
21	Tyre Changer Machine	Motorized Pneumatic Type, Rim clamping facility, and bead breaking facility with air inflating device.	1
22	Battery (excide)	150AH	2
23	Battery (excide)	55 AH	1
24	Battery (excide)	40 AH	1

TENDER No.: SGHITI/STRIVE/2022-23/RAC

S No.	NAME OF ITEMS	SPECIFICATIONS	TOTAL REQUIRED
1	Four way reversible valve	N/A	1
2	BLDC motor	BLDC motor with controller 15 – 30 watts,315 Volt DC (Copper)	2
3	IDU Pulse Generation type motor	IDU Pulse Generation type motor 15watt,230volt A.C (Copper)	2
4	Frost free refrigerator	Frost free refrigerator 200L carrying with HC blend	1
5	Three/four door refrigerator	Three/four door refrigerator (Inverter type) 300L carrying with HC R-600a	1
6	Split A/C	Split A/C (inverter technology) 1.5 TR, R-22, 410a, 32 with copper pipes, sleeves and electric wires.	1
7	Core drill machine.	Core drill machine, 200mm, 2500 RPM	1
8	Ice candy plant	Ice candy plant 2 ton with capacity to make 32 ice candy at a time with Forma tray, stainless steel tank on trolley	1
9	Air-conditioning, direct system Complete with all controls including humidity control	Air-conditioning, direct system Complete with all controls including humidity control	1
10	Air-conditioning, indirect system. (water cooled) Complete with all controls including humidity control	Air-conditioning, indirect system. (water cooled) Complete with all controls including humidity control	1
11	VRF/VRV unit with two indoor units 2.5TR each and 5TR capacity outdoor unit complete with air cooled condenser, accessories and controls.	VRF/VRV unit with two indoor units 2.5TR each and 5TR capacity outdoor unit complete with air cooled condenser, accessories (copper pipe, insulating material, electrical cable 4-core 4mm, etc.)and controls.	1
12	Walk in cooler PUF insulated for cold room 6X4.5X8 cft.R-13da temperature 00 -5 0 c	Walk in cooler PUF insulated for cold room 6X4.5X8 cft.R-13da temperature 00 -5 0 c	1
13	WASHING MACHINE (SEMI AUTOMATIC)	WASHING MACHINE (SEMI AUTOMATIC)	1

14	DIFFERENT PCB COMPTOLE FOR WINDOW AND SPLIT AC	DIFFERENT (including INVERTOR) PCB COMPTOLE FOR WINDOW AND SPLIT AC	4
15	INTERACTIVE BOARD (Latest version)	Active screen area 75", Multitouch capabilities, Pen and eraser, Resolution 4k, necessary features like HDMI, USB-C, RJ45, 3.5MM AUDIO ETC...Wireless collaboration with mobile and laptop,Powered by Android & Windows OPS,20W High – Power Speaker	1
16	Split A.C 1.5 Ton with R134a or R-22 reciprocating compressor	Split A.C 1.5 Ton with R134a or R-22 reciprocating compressor, with copper pipes, sleeves and electric wires.	1
17	Bottle cooler visible 200 L carrying with HFC-134a& reciprocating compressor	Bottle cooler visible 200 L carrying with HFC-134a& reciprocating compressor	1
18	Water dispenser bubble type (Hot and Cold) 2.5 to 3ltr. Delivery capacity per hour	Water dispenser bubble type (Hot and Cold) 2.5 to 3ltr. Delivery capacity per hour	1
19	Class Room Table	Class Room Table	16