

# GOVERNMENT OF JAMMU & KASHMIR

*Office of the Principal Industrial Training Institute, Jammu*

To

The Joint Director,  
Information Department,  
Jammu

No: - ITI/J/ 2015/ 227-29

Dated: - 17.11.2015

Subject: - Publication of Tender Notice.

Sir,

Undersigned is enclosing herewith 5 copies of Tender Notice issued under communication No:-ITI/J/2015/1201 dated:- 16-11-15 for purchase of Goods and Equipment under VTIP Automobile scheme for publication of the same in two local dailies preferably (Daily Excelsior/Kashmir Times) & one in national paper.

It is requested that the Tender Notice may be got published at the earliest.

Yours faithfully,

Sd\--

Principal  
Member Secretary (IMC)  
Govt. ITI, Jammu

Copy to:-

1. The Director, Technical Education, J & K, Jammu for information.
2. The Chairman (IMC), ITI Jammu.

# GOVERNMENT OF JAMMU & KASHMIR

*Office of the Principal Industrial Training Institute, Jammu*

## TENDER NOTICE

Sealed tenders duly affixed with revenue stamps worth Rs. 5/- only are invited from the interest tenderers for purchase of items for use in this institute for the year 2015-16 under VTIP scheme. The interested tenderer may obtain list of items with detailed specifications together with prescribed terms & conditions from the office of the undersigned in person or by post enclosing 23 x 10 cms, cloth based self addressed envelope duly affixed with stamps of Rs. 70/- for purpose of postal registrations, against Indian Postal order worth Rs. 100/- only on working day during working hours. The Tender documents will be issued up to 07.12.15 and the last date for receipt of tender will however be 11.12.2015 up to 04.00 p.m.

The tender should be accompanied with a CDR of 2% of the total cost of tender pledged to Principal, ITI Jammu of any scheduled bank without which no tender will be entertained. The rates will remain valid for one year. The desirous tenderer may participate in person or through their representative, on the date of opening of tenders which will be communicated to them separately on receipt of tender. The successful tenderer shall have to supply the material in full. No partial supply will be accepted. The payment of the entire supply will be made after the material is supplied in full as per supply order and verified by committee.

The Bidder/ Tender shall submit their bids in Single cover system i.e.

Technical Bids, Price Bids and call deposit Receipt.

## TERMS & CONDITION

1. The successful Tenderers shall have to supply the material in full, failing which the firm will loose the security deposit.
2. The tenderers may quote the TIN No. etc. of their firm with regard to sales tax etc.
3. The rates should be quoted either typed or with ink without any correction / Erasing on the list of items appended with this notice. The rates quoted should be covered with cello tape to avoid any insertion.
4. Tax clearance certificate in the prescribed form issued by the assessing Authority should also be furnished up to the last financial year viz. .
5. Only the items of Standard Companies (i.e. Companies having ISO 9001-2000 certificate or ISI certificate) will be given supply orders. Also bidders / tenderers must mention make, against each item only then their rates will be considered.
6. Bidder/Tenderer should mention clearly the max. Possible warranty period of the tendered items and shall provide free after sale service during the warranty period. In case the bidder is not manufacturer himself he has to produce necessary guarantee/ warranty certificate of Principal manufacturer for the ordered quality and quantity.
7. The successful bidder/tenderer shall have to provide training to the identified officials of this Institute where ever applicable.

8. Bidder/Tenderer must quote specification of each item of the package failing which the tender shall be rejected.
9. The Principal, ITI Jammu reserves the right to accept or reject any tender or part thereof without assigning any reason.
10. Bid/Offer for any Sub-standard item will be treated as rejection of whole tender.
11. In case, the successful bidders fails to supply the ordered equipments in full, penalty @ 2% (two percent) of the total cost of the order shall be imposed upon him / them.
12. The inspection / verification of the Machinery / Equipment will be carried out in this Institute by the identified officials.
13. Rates should be strictly quoted inclusive of all taxes (VAT, Entry Tax, Other taxes etc) freight levies applicable at the time of supplies and quoted F.O.R. ITI, Jammu premises.
14. The rates are quoted only against the specified items, wherever possible. In case of specifications, the committee shall have the right to take decision at the time of finalization of item.
15. The quantity mentioned in the Annexure subject to minor variation depending upon requirement and availability of funds shall be finalized by the Principal ITI, Jammu.
16. List of tender of tools / equipment can be downloaded from official Website [www.itijammu.com](http://www.itijammu.com). Shall have to be accepted with Indian postal order worth Rs 100.
17. At the time of procurement if DGS & D rates are available for any item the Principal reserves the right to procure the same on the rate contract & exclude the item from the tender. In that case no tenderer has any claim whatsoever over the said item.
18. The rates which are quoted should be attached with the price list of Principal manufacturer.
19. The successful Bidder / Tender shall have to execute an agreement with the Principal ITI Jammu within 15 days after acceptance of the Tender is communicated to him, Failure to execute such agreement shall not prevent to the terms & condition embodied herein being enforced against him and any loss sustained by the department in re-tendering shall be recovered from him besides forfeiture of the Security deposit.
20. The Tender must be complete in all respects. All the terms and conditions of Tender including Technical specification should be carefully studied for the sake of complete and comprehensive offer.

No: - ITI/J/15-1201  
Dated:16-11-2015

Sd\--  
Principal  
Member Secretary (IMC)  
Govt. ITI, Jammu

## NAME OF ITEMS

S. No	Name of the item	Qty. Reqd.	Offered Specification with Make	Rate/Unit inclusive of CST @ 5.25% AND ENTRY TAX @ 13.5%
<b>1 Package: Goods &amp; Equipment (MMV)</b>				
1	<p><b>Pedestal Grinder</b> fitted with drill grinding attachment, 18cm fine &amp; course grinding wheel fitted , 1 ph 2 hp motor All accessories i.e. like Motor, forward &amp; reverse speed switch etc.of ldt Companies.  <b>(ISO 9001-2000 certified or ISI certified companies Accepted)</b></p>	02 No's		
2	<p><b>Wheel Balancing Machine</b>                      Computerized with 16 bit microprocessor controlled, video graphic display, cars, lcv's &amp; trucks, automatic detection of tyres, low balancing speed for cars 120 rpm &amp; for trucks 80 rpm, automatic gauge for distance &amp; diameter measuring &amp; applications of adhesive weights, automatic wheel clamping, automatic start / stop, 1 gm resolution for cars &amp; 10 gm for trucks, 3 balancing modes, 7 alu programs, alloy wheel balancing, shift plane / split weight / hidden weight program, emergency stop, safety handle, wheel guard, pneumatic lift, car &amp; truck working rim width setting range 4" to 22", rim dia setting range for cars &amp; trucks 12" to 30", maximum wheel/machine distance 400 mm, maximum wheel width 700 mm, maximum wheel diameter 1220 mm, maximum wheel weight 200 kg, power 320 watts, total wt 255, car balancing speed 120 rpm, truck wheel balancing speed 80 rpm resolution 1gm, maximum unbalance value calculated 1990 gms, average spin time of wheels for cars 8 sec &amp; for trucks 18 sec, shaft diameter 46 mm  <b>(ISO 9001-2000 certified or ISI certified companies Accepted)</b></p>	01 No		
3	<p><b>Carburetor</b> of multi cylinder petrol engine suitable Sectioned to show different circuit i.e. starting, acceleration, choke etc. with different colour and fitted on laminated board with major part's name writing on it. (Two Different Type) Brand new</p>	02 Nos.		
4	<p><b>Straight edge gauge</b> 2 ftX1/4 Inch (610X6.3mm)</p>	02 No.		

	<b>(ISO 9001-2000 certified or ISI certified companies Accepted</b>			
5	<b>Distributor for four cylinder engine Brand new</b> of Standard company <b>ISO 9001-2000 certified or ISI certified companies Accepted)</b>	02 Nos.		
6	<b>Wheel cylinder</b> of heavy commercial vehicle of different brand fitted on laminated board with all its parts listed on the board.	04 Nos.		
7	<b>Working Model of Air Brake System</b> The model is made out of <b>Brand new full size original parts</b> such as air compressor, Un-loader valve, Foot valve, Booster, Wheel Assembly, Air tank, Control valve etc. The brake system will be fitted with two front wheel assembly complete (with out Axle) and the drum will be suitably sectioned to show the working of the brake shoe. Other system will be mounted as it is and will be made to function (foot brake, hand brake etc will be functional) The entire system will be mounted on a sturdy iron frame. A 1H.P. Single phase 220/230 V AC motor will be coupled to the compressor for generation of the compressed air, which is used for the operation of the model.	01No		
8	Screw jack one tone, capacity double lift [with company packing and price list] <b>(ISO 9001-2000 certified or ISI certified companies Accepted</b>	05 Nos.		
9	Hydraulic Jack Hi- Lift type 3 ton and fine ton capacity Height range for Both 120-580 mm size L X W X H 1322 x 326 x 1037. Pump is operate by both activating foot pedal to provide speed to contact load & activating 'T' handle to lift it with large heavy duty swivel Rear casters. (Bis certified) Manufacturer's ARAI, CE, and ISO Certified	04 No.		
10	Piston ring expander and remover 50 mm & 100 mm [with company packing and price list] <b>(ISO 9001-2000 certified or ISI certified companies Accepted</b>	05 each		
11	Piston Ring compressor [with company packing and price list] <b>(ISO 9001-2000 certified or ISI</b>	05 Nos.		

	<b>certified companies Accepted</b>			
12	Piston Ring Groove cleaner [with company packing and price list] <b>(ISO 9001-2000 certified or ISI certified companies Accepted)</b>	05Nos.		
13	Cylinder ridge remover/cutter. [with company packing and price list] <b>(ISO 9001-2000 certified or ISI certified companies Accepted)</b>	05 No.		
14	Pullers screw powered 2 mm gap with bearing puller attachment [with company packing and price list] <b>(ISO 9001-2000 certified or ISI certified companies Accepted)</b>	05 Nos.		
15	CROW BAR <b>(ISO 9001-2000 certified or ISI certified companies Accepted)</b>	05 Nos.		
16	Spark plug Deep Socket spanner 14mm, 16mm & 18mm Size With T- Handle [with company packing and price list] <b>(ISO 9001-2000 certified or ISI certified companies Accepted)</b>	10 Nos./e		
17	Triple leg grip puller with bearings attachment screw/ hydraulic Powered max. spread 80, 160, 250, 450 mm [with company packing and price list] <b>(ISO 9001-2000 certified or ISI certified companies Accepted)</b>	05 Nos.		
18	Executive Auto Electrical tool kit [with company packing and price list] <b>(ISO 9001-2000 certified or ISI certified companies Accepted)</b>	02 No		
19	Crimping Tool Hand Operated 4mm <sup>2</sup> to 6mm <sup>2</sup> , [with company packing and price list] <b>(ISO 9001-2000 certified or ISI certified companies Accepted)</b>	02 Set		
20	<b>Car stereo PIONEER OR SONY OR BALUPANKT with Speakers (500 W)[with company packing and price list]</b> <b>(ISO 9001-2000 certified or ISI certified companies Accepted)</b>	02 Set		
21	<b>Alternator regulator tester</b> [with company packing and price list] <b>(ISO 9001-2000 certified or ISI certified companies Accepted)</b>	02 Nos		
<b>2 Package: Goods &amp; Equipment (MMV)</b>				
1	<b>Cut model of 4 stroke multi-cylinder diesel engine</b> Suitable Sectioned to show its working using 2hp 1ph motor	01 No.		

	230V 50Hz motor brand new mounted on C-Frame with roller caster spray painted along with all accessories i.e. Radiator, Fuel Tank, Alternator, Batter (12Volt), Stator Motor, Panel Board with warning Instrument such as Speed Control Lever, Temp. Gauge, Charging Lamp, etc. With Service Tool Kit & user's Manual. <b>Certified BS3</b>			
2	<b>Differential of heavy vehicle</b> This model is run by run by single phase 1hp motor made of <b>Original Brand New</b> parts, suitably sectioned to show the details of Sun and star gear mechanism. This unit is mounted on a sturdy iron frame with roller caster. All accessories ie like Motor etc. of Ldt Companies. <b>(ISO 9001-2000 certified or ISI certified companies Accepted)</b>	02 No.		
3	<b>Injector tester bench</b> Mounted on laminated board with hand operated pump to produce injection pressure and injector and injector to show injection all major parts listed on the board.	01 No.		
<b>3 Package: Goods &amp; Equipment (MMV)</b>				
1	Chain pulley block-3 ton capacity with tripod stand	02 No		
2	Cleaning tray Aluminum 16 gauge sheet. 45 cm x 30 cm x 10 cm	12 No		
3	<b>Demonstration Board</b> of MPEFI System with all Brand New original parts fitted and in working order showing Displayed all parts with Name	02 No		
4	<b>Different types of piston</b> Model of Different engine Brand New with company packing and price list original Branded	02 No		
5	<b>Fuel Injection pump</b> Dismantling tool kit / Universal Vice Branded company in a case chrome vanadium steel	02 No		
6	<b>Injector cleaning unit</b>	03 No		
7	<b>Oil pump</b> for dismantling assembling brand new company packed & price list ( TATA MADE)(2 nos407 TATA) (2nosWAGONR)(2 NOS swift Dzire)	06 No		
8	<b>Petrol injector nozzle</b> (Electronic) (suitable for MPFI) (company packed with price list)	06 No		
9	<b>Portable drill machine</b> electric 800w 2800 RPM TO DRILL UPTO 12MM ORIGINAL branded company equivalent to Rallis Wolf 150 certified 220-	03 No		

	230v. 151 marked Manufacturer's ARAI, CE, and ISO Certified			
10	Radiator pressure cap 407 TATA gypsy etc.	06 No		
11	<b>Spanner DIE</b> of 12pieces 6mm to 32mm.chrom vanadium steel chrome plated mirror finished (JTC brand) with company packing & price list.	16 No		
12	<b>Deep socket set</b> with speed handle bar retched and universal 8mm to0 32mm chrome vanadium steel, forged, plated or high quality chrome molybdenum steel mirror finisher with company packing & price list ISI certified Manufacturer's ARAI, CE, and ISO Certified and life time warranty	04 No		
13	<b>Stud extrador</b> of 3 handle (easy stud out ) H.S.S. chrome vanadium steel chrome plated ISI certified metric British both complete set in box (Walton) (stenley)	04 No		
14	<b>Stud remover</b> with socket handle chrome vanadium steel ISI certified.	02 No		
15	<b>Synchronous gear box</b> with stand for dismantling assembling brand new with company geneuiness certificate. Manufacturer's ARAI, CE, and ISO Certified	02 No		
16	<b>Timing lighter</b> original ISI certified and with company packing and pricelist. Manufacturer's ARAI, CE, and ISO Certified	06 No		
17	Tread wear indicator	03 No		
18	<b>Vacuum assisted break assembly</b> with vacuum booster brand new complete in all respect original light motor vehicle. Manufacturer's ARAI, CE, and ISO Certified	02		
19	<b>Water pump</b> for dismantling and assembling tata407, petrol engine (light) Santro, WagnOR brand new with company packing & price list.	04		
20	<b>Wheel cylinder</b> for tata407 and WagonR & Alto. (front and rear) brand new with company packing and price list Tvs grilling.	01		
21	Working model of power window actual brand new genuine brand.	02		
22	<b>Car jet Washer</b> Manufacturer's ARAI, CE, and ISO Certified	01		
23	<b>Steering assembling</b> -I rack & pinon type 2 <sup>nd</sup> worm and roller type 3 <sup>rd</sup> recalculating ball type 4 <sup>th</sup> power steering electronic type	01		



	brand new with original company packing & price list (original genuine company certificate). Manufacturer's ARAI, CE, and ISO Certified			
<b>4 Package: Goods &amp; Equipment (MMV)</b>				
1	<b>Diesel engine Single cylinder, 4 stroke 10BHP "Running Condition" (Brand new)</b> Air cooled along with all accessories i.e. Fuel Tank, Alternator, Battery (12Volt 60Ah), Starter Motor, Panel Board with warning Instrument such as Speed Control Leaver, Temp. Gauge, Charging Lamp, etc. With Service Tool Kit & user's Manual. <b>Certified BS3. (Excise) Clearance</b>	01 No.		
2	<b>Diesel engine CRDI- four stroke 4 cylinder</b> for dismantling & assembling reputed make brand new supported by excise clearance 1200 to 2000cc. water cooled along with all accessories radiator , fuel tank , battery 12v 13 plate etc.. Fitted with all standard fitments and complete in all respect such as penal board, warning instruments etc. Should be mounted on c channel frame spray painted fettle with 4 caster with lock.	1 Nos.		
<b>5 Package: Goods &amp; Equipment (MMV)</b>				
1	<b>Anti theft device/Central locking system</b> [Genuine Hyundai with company packing and price list] <b>(ISO 9001-2000 certified or ISI certified companies Accepted)</b>	04 Nos		
2	<b>Wiper motor assembly</b> [Genuine Hyundai with company packing and price list] <b>(ISO 9001-2000 certified or ISI certified companies Accepted)</b>	04 Nos		
3	<b>Engine Scanner capable of scanning latest petrol engine with LCD/ LED display and in-built printer</b> [with company packing and price list] <b>(ISO 9001-2000 certified or ISI certified companies Accepted)</b>	01 No.		
4	<b>External Growler</b> [with company packing and price list] <b>(ISO 9001-2000 certified or ISI certified companies Accepted)</b>	02 Nos		
5	<b>Clip on meter Digital and Analog</b> [with company packing and price list] <b>(ISO 9001-2000 certified or ISI certified companies Accepted)</b>	02 each		
6	<b>Electric Motor capacitor start induction run 1Phase 2hp</b>	01 No		

	Course 1440 rpm ( Crompton Greavs Ltd, Kirlosker Elect Ltd, Bharat Bijlee Ltd. <b>(ISO 9001-2000 certified or ISI certified companies Accepted)</b> )			
7	Speed counter / Tachometer – pointed type/ contact type to read up to 9999 RPM [with company packing and price list] <b>(ISO 9001-2000 certified or ISI certified companies Accepted)</b>	5 No.		
8	<b>Diesel engine multi cylinder, 4 stroke 80BHP “Running Condition” (Brand new)</b> mounted on C-Frame spray painted water cooled along with all accessories i.e. Radiator, Fuel Tank, Alternator, Battery (12Volt 120Ah), Strator Motor, Panel Board with warning Instrument such as Speed Control Leaver, Temp. Gauge, Charging Lamp, etc. With Service Tool Kit & user’s Manual. <b>Certified BS4 (Excise Clearance)</b>	4 Nos.		
<b>6 Package: Goods &amp; Equipment (MMV)</b>				
1	<b>Ultrasonic petrol Injector cleaning equipment</b> suitable for MPFI vehicles fully Automatic operations. Fully programmable. Simple operation. Flow time memory control statics How/ Dynamic flow. RPM/MS selectable. Accepts type fuel injectors. Accpts all side feed injectors combined. Control Technology , Injector flush stand alone Ultrasonic cleaner. Operating voltage 230 V. Ac single phase control panel will be fully programmable with over 5000 performance combination Including pattern test, Leak test open and pulse flow. The operation can vary the Injector pulse width and frequency at will with in the following setting RPM from 1.5 to 17 MS in 0.1 ms steps , control panel with be automatically operated including leak test , pattern test, full RPM Range including dynamic Acceleration/ Deacceleration, ms operating from 1.5 to 17ms in 0.1 ms steps, RPM from 500 to 9900 RPM in steps of 100 RPM, open flow & pulse flow with pause control at any time for accurate test Report. How test memory will in built time memory to Identity the flow differential of a set of injector before and after servicing all expose parts that are energized electrically will be	02		

	installed properly. Manufacturer's ARAI, CE, and ISO Certified			
2	Radiator cross flow cut section brand new	03		
3	Radiator cut section down flow brand new	03		
<b>7 Package: Goods &amp; Equipment (WELDER &amp; FITTER)</b>				
1	Lathe All geared head stock S.S. AND S.C. height of centre over bed 15 cm gap head complete with accessories, such as pump all fitting, and splash guard driving plate with drives, face plate 3 jaw and 4 jaw chuck fixed and traveling steady compound turret tool post, taper turning attachment fixed and running centre, driving dogs straight and bent tail. Length of bed as 4.5 feet	02		
2	Chipping hammer with metal handle 250gms	17		
3	Flat tongs 350mm long	17		
4	Hack Saw frame fixed 300mm	17		
5	Magnifying glass 100mm. dia	02		
6	Portable drilling machine electrical cap (10mm)	06		
7	Drill twist straight shank 1.5 to 12 mm by 0.5 mm	01 Set		
8	Drill twist straight shank 8 mm to 15 mm by ½ mm	01 Set		
9	Feeler gauge 10 blades	01 Set		
10	Card file	08		
11	Soldering Iron 350 gm	02		
12	Interchangeable ratchet socket set with a 12 mm driver, sized 10-32 mm set of 18 socket & attachments.	01 Set		
13	Box spanner set 6-25 mm set of 8 with Tommy bar	01 Set		
14	Glass magnifying 7 cm	02		
15	Scraper triangular 15 cm	08		
16	Scraper half round 15cm	08		
17	Drill twist Taper Shank 12 mm to 25 mm x 1.5.	01		
18	Pipe vice 100 mm	01		
19	Adjustable pipe tap set BSP with die set cover pipe size 15, 20, 25,32,38,50 mm.	01		
20	Vice leg 10 cm jaw	02		
21	Hammer smith 2 kg. With handle	02		
22	Tongs roving 350mm	02		
23	Tongs fiat 350mm	02		
24	Smith's square 45 cm x 30 cm	01		
25	Cold set rod 25X200mm	02		
26	Hot set rod 25X200mm	01		
27	Swages top & bottom 12 mm /19	01each		
28	Swage block 35 x 35 x 12 cm.	01		
29	Flatters (rod 55 mm square	02		

30	Fuller top & bottom 6 mm 9 mm (Pair).	02		
31	Anvil 50 kg.	02		
32	Anvil stand	02		
33	Shovel.	02		
34	Rake.	02		
35	Pocker.	02		
36	Hardle.	02		
37	Leather apron.	02		
38	Prick punch	02		
39	Mallet.	02		
40	Snips straight 25 cm.	02		
41	Setting hammers with handle	02		
42	Planishing hammer	02		
43	Snip bent 25 cm.	02		
44	Stake hatchet.	02		
45	Stake grooving.	02		
46	Gauge imperial sheet.	01		
47	Slip Gauge as Johnson metric set.	01 Set		
48	Carbide Wear Block 1 mm – 2 mm.	02 each		
49	Gauge snap Go and Not Go 25 to 50 mm by 5mm. Set of 6 pcs.	01 Set		
50	Gauge plug single 3 ended 5 to 55 by 5 mm. Set of 11 pcs.	01 Set		
51	Sine bar 125 mm.	01		
52	Sine bar 250 mm.	01		
53	Lathe tools H.S.S. tipped set.	02		
54	Lathe tools bit 6 mm x 75 mm.	04		
55	Lathe tools bit 8 mm x 75 mm.	04		
56	Lathe tools bit 10 mm x 85mm	04		
57	Arm strong type tool bit holder R.H.	02		
58	Arm strong type tool bit holder L.H.	02		
59	Arm strong type tool bit holder straight	02		
60	Stilson wrenches 25 cm	02		
61	Adjustable pipe chain tonge to take pipes up to 300 mm.	01		
62	Adjustable spanner 38 cm long.	01		
63	Comparators stand with dial indicator LC 0.01mm	01		

**8 Package: Goods & Equipment (Technician Power Electronics Systems)**

1	Soldering iron 25 W. 240 V.	20 Nos		
2	Electrician knife	6 Nos		
3	Soldering Iron Changeable bits 10 W	20 Nos		
4	Magneto spanner set	2 Nos		
5	Allen key set (set of 9)	1 No		
6	Tubular box spanner (set of 6Nos)	1 No		
7	Scissors 200mm	1 No		
8	Hand Drill Machine	2 Nos		

9	Dual DC regulated power supply 30-0-30 V, 2 Amps	4 Nos		
10	DC regulated variable power supply 0-24 V, 1Amp	2 Nos		
11	LCR meter (Digital)	1 No		
12	Signal Generator, 0-100 KHz	2 Nos		
13	Battery Charger	1 No		
14	Analog multimeter	4 Nos		
15	Dimmer state, 3 Amps	2 Nos		
16	Analog Component Trainer	4 Nos		
17	Op Amp trainer	3 Nos		
18	Digital IC Trainer	4 Nos		
19	Digital and Analog Bread Board Trainer	6 Nos		
20	Desktop Computers with preloaded Operating Systems Intel Core i5 Operating system Window 8 Hard Disk Drive 500 GB Monitor 18.5' or larger TFT /LCD/LED	4 Nos		
21	Laptops latest configuration	02 No		
22	Laser jet Printer	1 No		
23	INTERNET BROADBAND CONNECTION	1 No		
24	Electronic circuit simulation software with 6 user licenses	1 No		
25	Soldering & De soldering Station	1 No		
26	SMD Soldering & De soldering Station with necessary accessories	2 No		
27	DOL starter	1 No		
28	AC motor ¼ HP	1 No		
29	Seven segment DPM	6 Nos		
30	LCD based DPM	6 Nos		
31	Power Electronics Trainer along with triggering circuit	4 Nos		
32	Three phase variac	1 Nos		
33	Power supplies ( fixed, variable, dual at least 5A)	1 each		
34	Programmable power supply 0-30 V, 2 A	2 No		
35	SMPS trainer	2 No		
36	SMPS (used in Computer, PLC , TV )	6 Nos		
37	Clip On meter	4 Nos		
38	3 phase inverter 2 KVA	1 No		
39	Discharge tester	2 No		
40	Auto transformer	3 Nos		
41	1 phase UPS Online 3 KVA, 1 KVA	1 No each		
42	3 phase UPS 2 KVA	1 No		
43	MOSFET chopper trainer	2 No		
44	Step up & Step down chopper trainer kit	2 No		
45	DC shunt motor 1HP with 3 point starter	1 No		
46	Tachometer	2 No		
47	3 phase induction motor 1Hp	1 No		

	with DOL starter			
48	5 hp squirrel cage induction motor with star-delta starter	1 No		
49	DC drive trainer with 1hp motor using phase control method	1 No		
50	DC drive trainer with 1hp motor using SCR chopper circuit	1 No		
51	Programmable DC drive with motor (Simoreg DC master) 6RA70	1 No		
52	Solar panel based Inverter 500VA	1 No		
53	VVVF (Variable voltage Variable Frequency) drive trainer with 1 hp 3 phase motor	1 No		
54	Solenoid 24 V AC	4 Nos		
55	AC power supply 24 V, 50 Hz, 2 A	2 No		
56	DC power supply +35 V 2 A	2 No		
57	DC power supply +5 V 2 A	2 No		
58	Electronic Pneumatics trainer	2 No		
59	Servo Motor drive Trainer	2 No		
60	Sensor trainer Kit - Various field sensors and actuators( industrial grade switches, push buttons, pilot lamps, proximity sensors, Thermocouples, RTDs, load cells, strain gauge, LVDT, opto-switches, smoke detectors, level switches, solenoid valves, reed relays, Hall sensor, tacho-generator, low amp contactors etc.	2 No		
<b>09 Package: Goods &amp; Equipment</b>				
1	CCTV IP Camera base with Network video recorder, monitor etc	01 Unit		
2	Biometric attendance system for 200 people			
<b>10 Package: Goods &amp; Equipment</b>				
1	Water cooler (Blue Star, Voltas, Godrej 120 Lts, Cap. Along with Transformer and suitable Shed/Shade	03		
2	RO Filter Aquaguard, Kent, Misaka, Livpure with AMC	04		
3	Desktop Computers with preloaded Operating Systems Intel Core i5 Operating system Window 8 Hard Disk Drive 500 GB Monitor 18.5' or larger TFT /LCD/LED	10		
4	Tyre for TATA 407	05		
5	Tyre for Scooter	03		

