T			TANKE OF THE	SCHEDULE: SCHEDULE-2 - AUT		_		_	NAM	_	_	ITI	& O	UAN	ITITY					
.No.	Trade	Item Code	Name of the Equipment/ Machinery	Specification	Govt. ITI, Rajam	Govt. ITI, Bobbili	Visakhapatnam			wada	_	T	Govt. ITI, Boys Nellore	Govt. ITI Girls, Nellore	Govt. ITI, Tada	Govt. ITI, Chittoor	Govt. ITI, Tirupathi	Govt. ITI, Srisailam	Govt. ITI, Chakrayapeta	Total Quantity Required
1	Chauffeur cum Taxi Driver		Engine Assembly(Petrol) cut section working model	NO. of cylinders 4,displacement 1197, max power 81.80 bhp@6000 rpm, max torque 113Nm @ 4200 rpm, valves per cylinder 4,valve configuration DOHC, MPFI with			0	0	T				0	1	0	0	0	0	0	3
2	Chauffeur cum Taxi Driver	CTD-E002	First aid kit	movable stand items like Bandage,Infared Thermometre,cotton,glouses,Alcohal pad,Circular band aid,Iodine etc	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	3
3	Chauffeur cum Taxi Driver	CTD-E003	Front Axle	life size The Front axle with rzeppa joint will be of original NEWvehicle accessories, will be mounted on to stand as per the original design of a vehicle, All the aggregates will be cleaned and service and Painted with Single Colour Paint	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	4
4	Chauffeur cum Taxi	CTD-E004	Simulators	1 TB of memory is nedded	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	4
-	Driver Chauffeur cum Taxi		Transmission parts	Cut section Modal Transmission with all parts in working	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3
5	Driver Chauffeur cum Taxi			condition on stand NITROGEN GENERATING CAPACITY 3500 LPH, 60 LTR	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6	Driver	CTD-E006	Tyre Inflator	Storage fixed on concrete bed In Line 4 cylinder Turbo Charged type,pasinger model 4	-	-	0	-		+	+	+	-	_	H	_	_	-	-	
7	Chauffeur cum Taxi Driver	CTD-E007	4 wheel vehicle	wheel vechile(Bolero) with four wheeler conversion for dual mode(Driving purpose) 3hpDouble acting 3phase reciprocating air compressor, air	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	3
8	Chauffeur cum Taxi Driver	CTD-E008	Air Compressor	tank capacity 150 ltr discharge pressure 12.30 KG with concrete bed	-	1	1	0	0	0		0	0	1	0	0	0	0	0	4
9	Chauffeur cum Taxi Driver		clutch plate, pressure plate	good and failed parts(one Each)	1	0	1	0	0	0	+	0	0	1	0	0	0	0	0	3
10	Chauffeur cum Taxi Driver	CTD-E010	Engine Parts Like piston, liner, valves	good and failed parts(Each one)(1 Set)	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	3
11	Chauffeur cum Taxi	CTD-E011	fire extinguisher	Ref: Annexure-2-v	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
12	Driver Chauffeur cum Taxi	CTD-E012	Gearbox	OUTPUT TORQUE 350N-m, input speed 750-3000 rpm	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3
	Driver Chauffeur cum Taxi	3.100.700.70000000	rare axle with stand	For 4 cylinder engine L.M.V	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	4
13	Driver Chauffeur cum Taxi	CTD-E013	4 WHEELER CONVESTION FOR DUAL MODE (DRIVING	for driving purpose dual mode convesration(for demo	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Driver Auto Service		PURPOSE)		0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
15	Technician	AST4-E001	Fireextinguishers	Ref: Annexure-2-v Assemblies and sub-assemblies in a vehicle and their basic		-	-		0	0	0	0	0	0	0	0	0	0	0	1
16	Auto Service Technician	AST4-E002	Cooling system (down drafts)	functioning	0	0	0	1	U	0	-	0		-	+	-		+	+	+
17	Auto Service Technician	AST4-E003	Lighting	Automobile lighting circuit includes(Head lamps ,Tail Lamps,Brake lamp ligh ,Number plate lights,Signal lights,fog lamps,parking lamps,cabin lamp,dash board lights the wirig harness, all the lights and the various switches on with stand battery operated 12 V	0	0	0	1	0	0	0	0	0	0		0	0			1
18	Auto Service	AST4-E004	Laptops	Ref: Annexure-2-vii	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
19	Technician Auto Service	AST4-E005	Emission and exhaust	Resolution of 0.1m-1 Range0-4m-1 accuracy 0.05m-1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
	Technician Auto Service	AST4-E006	Suspension system	coil type,air type etc each on board	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	
20	Auto Service Technician	AST4-E007	Brake system (including regenerative braking	hydraulic,air,etc each one only Hydraulic breaking system	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	
22	Auto Service Technician	AST4-E008	Tyres and wheels (including wheel alignment)	wheel alignment	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
23	Auto Service Technician	AST4-E009	Tyres and wheels (including wheel alignment)	wheel balancing equipment	0	0	0	1	0	0	0	0	0	o	0	0	0	0	0	
	Auto Service	AST4-E010	Radiator	down flow cut modal on board	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
24	Technician Auto Service		0 0.000	side flow cut modal on board	0	0	0	1	0	0	0	0	0	(0	0	0	0 0	0	
25	Technician	AST4-E011	Radiator		0	0	0	1	0	0	0	0	0		0	0	0	0 0	0 0	
26	Auto Service Technician	AST4-E012	Electrical wire harness	one bundle as required	0	0	+	1	10	0	0	0	10	1	, ,		0	0 0	0 0)
27	Auto Service Technician	AST4-E013	Ignition systems	12V Distributor, Ignition coil, 4 spark plugs on board	+	+	+	+	+	+	-	-	+	+	+		+	+	0 0	
28	Auto Service Technician	AST4-E014	Electronic and Air-conditionic system etc.,	vehicular type, with standard accessories	0	+	+	+	+	+	+	\vdash	+	+	+		+	+	0 (+
29	Auto Service	AST4-E015	Electronic control unit	ECU for 70 pin	0	0	0	1	- 0	0	0	0	0	+		+	+	+	+	+
30	Auto Service	AST4-E016	Energy recuperation systems, if applicable (e.g. ir electric, gas and hybrid vehicles)	CNG, petrol hybrid Vehicle	0	0	0	3		0	0	0	(0	0	0	0	0	0 .
31	Auto Service Technician	AST4-E017	Electronic systems including active and passive safety, media, comfort and convenience, supplementary restraint systems (SRS), networking and other systems	Power supply fuse ,Daignostic and control unit,Air bags <rotary belt="" board<="" coupler,crash="" disply="" harness,set="" impact="" pre="" sensor,srs="" sensors="" td="" tensioners,side="" wiring="" with=""><td></td><td></td><td>0</td><td></td><td></td><td></td><td>0 0</td><td></td><td></td><td></td><td>0</td><td></td><td></td><td>0</td><td></td><td>0</td></rotary>			0				0 0				0			0		0
32	Auto Service	AST4-E018	Various lubrication systems	Engine cuts sections with stand	(1	0 0	0	+	+	0 0	+	+	0	\dashv	+	+	+	+	
1 100	Auto Service	AST4-E019	Sensors, actuators, relays e	different types of sensors ,actuators and relays used in modern cars on disply boards			0	0	3	0	0 0	0		0	0	0	0	0	0	0
3:	Auto Service	AST4-E013	Pneumatic Tool (Air Compressor, air pipe line,	5 HP motor, 500 ltrs compressor, 250 psi, woth all socket	s	0	0	0	1	0	0 0		0	0	0	0	0	0	0	0
	Auto Service	AST4-E02		1 unit		0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
-	Technician Auto Service Technician	AST4-E02	equpment stands) Diesel/ petrol / CNG / LPG Hybrid training Vehicle	/ CNG/PETROL hybrid vehicle valong with 7 seater vehica	al	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	i rechnician	1				T		- 1		- 1	0	0	0	0	0	0	0	0	0	0

				= 1				-	T	Т	\top	- 1	NAN	VE O	FTH	E ITI	& QI	JAN	TITY	Т	T	T	+
	SI.No.	Trade	e Item	Code	ame of the Equipmen Machinery	specification			Govt. ITI, Rajam	Govt. ITI (Old),	Visakhapatnam	Govt. ITI, Kakinada	Govt. ITI, Bhimavaram	Govt. ITI, Vijayawada	ITI, Tena	Govt. ITI Boys, Ongole	Govt. ITI, Boys Nellore	Govt. ITI Girls, Nellore	Govt. ITI, Tada	Govt. ITI, Chittoor	Govt. III. Srisailam	Govt. ITI, Chakrayapeta	
	38	Auto Serv Technicia		-E024 Air	supply systems	training Vehicle				0 0		1							\top			1	+
	39	Auto Serv Technicia	vice ASTA	-E025 2 Pc	ost lift	Lifiting capacity of 4000kg, 22kw motor power with		+	+		+	0	+	+	+	+	+	+	+	+	-	. 0	+
	40	Auto Serv Technicia	rice ASTA	-E026 Batt	tery Charger	concrete bed Battery Charger 6V-24V Single Phase, Table top type w connecting cables and clips(5mtrs lead) wit voltage an	vith nd	t	+	0 0	+	0	0	1	+	\dagger	†	1	0 0	0 (1	-
	41	Auto Serv Technicia	NT2A I	-E027 Diag	gnostic tool (genesis Ev	current indicator, over charge protector, Branded suitable for all LMV vehicals for diagnostics	_	+			+			+		+	\perp	+	+	+	+		+
	42	Auto Servi Technicia	ice ASTA	Hydi	raulic jack HI-LIFT type capacity, and 5 Ton	Name of the Item: Hydraulic jack Technical Specification Hydraulic jack HI-LIFT type, 3 Ton capacity Features:Standard ISI Certified Warranty:One year(one		\dagger		+	+	0	1	1	0 0	+	1	1	0 0			4	-
	43	Auto Servi Technicia		E029 Hydr	raulic press	each) 5 TONNE	_	10	+	+	+	+	+	+	+	+	+	+	+	+	+	_	+
	44	. Auto Servi	ce		raining And filling			+	+	+	+	-	+	+	0 0	+	0 0	0 (0	0	0	2	1
	45	Technicia Auto Servi	ce ASTA	Equip	pment	Trolly type with all accessories		0	0	0	+	0	0	0 0	0	1	0 () (0	0	0	2	1
		Technicia Auto Servi	n .		s washing station	30kgs,top loading,100 whats		0	0	0		0	0	0 0	0	(0	0	0	20	
-	46	Technicia Automotiv		E032 Vehic	cle safety stands	1 1/2 ft height heavy duty		0	0	0	1	0	0	0 0	0	0		0	0	0	0	10	T
	47	Electrician	n AE-E	001 Vehic	cle support Stands	1 1/2 ft height heavy duty		0	0	0	1	,	0	0 0	0	1	2 0		0	0	0	12	t
	48	Automotiv Electrician	1 45.5	DO2 LCD F	Projector	Ref: Annexure-2-i		0	0	0	+	+	+	0 0	+	+	+	+	+	+	+	10000	+
	49	Automotiv	e Arr	003 Comr	outer with Internet	Ref: Annexure-2-ii	_	\vdash	+	-	+	+	+	+	+	-	+	+	+	+	0	3	1
t	50	Automotiv	1			A/c Machine / 124 Dahina i Nasa anni	h	0	0	0	1		0 0	0	0	1	0	0	0	0	0	3	
+	-	Electrician		104 A/c N	Machine (124 Robin air)	trolly/Moving stand		0	0	0	0) (0	0	1	0	0	0	0	0	1	
	51	Automotive Electrician	ΛE-E(05 Pin up	Board	1sqft, board material velvet cloth surface, frame material durable alluminium, board size 2'x1.5' to 16'x 4' thickness	al ss	0	0	0	0		, ,	, ,	0	1	0	0	0	0	0	1	
T	52	Automotive	A F F C	06 2 Post	+ life	12mm Lifiting capacity of 4000kg, 22kw motor power with	_				L	1	1	L	Ľ	Ľ	L	L	L	0	U	1	
r	53	Electrician Automotive	,			concrete bed		0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	
-	-	Electrician Automotive		07 Parts	washing station	30kgs,top loading,100 whats		0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	-
-	54	Electrician	1 AE EO	08 Vehicle	e safety stands	1 1/2 ft height heavy duty		0	0	0	0	0	0	0	0	16	0	0	0	0	0	16	
	55	Automotive Electrician	AE-EO	09 Batter	y Charger	Battery Charger 6V-24V Single Phase, Table top type with connecting cables and clips(5mtrs lead) wit voltage and current indicator, over charge protector, Branded	h	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	-
	56	Automotive Electrician	AE-E01	0 Bench (Grinder	Material		0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	
57		Automotive Electrician	AE-E011	Wheel ali	igner	Name of the Item: Wheel alignment Machine —computerized 3D Technical Specifications: Measurement Accuracy Measurement RangeDisplay accuracy 1/0.1 mm 1/0.1 mm, Camber ± 2'± 10°Caster ± 6': ± 20°, Kingpin Inclination ± 6': ± 20°Toe-in & Toe-out ± 2': ± 20°, Set baci ± 2': ± 5°Thrust angle ± 2': ± 5°, Wheel deviation ± 2 mmAxis deviation ± 2 mmApplications:Passenger Vehicle (PV), Light Commercial Vehicle (LCV), Tyre shop Features:Standard ISI Certified, Variable Height Camera Support, Vehicle Orientation directional Indicator, located on camera beam, Advanced Customer Database, Advanced Alignment MeasurementsCustom Vehicle Specifications, Front/Rear/All/Zoom ReadingsIndividual Camber, Caster & Toe, Initial/Final Print outs in Graphical & Text, Easy to opperate, complete conventional basic parameters within wo minutes, significantly faster than conventional dilignersMany installation methods like Pit, Ramp, Lift etc.Compact Cabinet for flexible placement, PC is protected from Dust, Tools can be stored afelyWarranty:Three year Manuals: English language user nanual to be provided.Training: In house training to be rovided to the Instructors of the Institute.	: k	c	0)		0	0	0	0	0	O	0	0		0			
59	A	lectrician utomotive	AF 5042		R	ef: Annexure-2-iii	0	0	0	0	1	0 0	0	0	0	0	0	0	0	0	1		1
	The state of	lectrician	AE-E013	printer	Re	ef: Annexure-2-iv	0	0	0	0	(0	0	0	0	0	0	0	0	0	1	1	1
60	Tech V	notive Service nician (2 & 3 Vheelers)	AST2-E001	Whiteboard	d/ Markers, W	hite Board size 4Ft X 8 Ft, made of Ceramic material with uminium frame and set of erasable white board marker	0	0	1	0	0	0	0		0	0	1	0	0	0	0		1
61	Techi	notive Service nician (2 & 3 /heelers)	AST2-E002	Computer,	Re	f: Annexure-2-ii	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	_
62	Techn W	otive Service lician (2 & 3 heelers)	AST2-E003	Projector, so	creen Ref	: Annexure-2-i	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	_
63	Techn Wi	otive Service ician (2 & 3 neelers)	AST2-E004	Image Recog	enition tools,	C		0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	-
64	Techni	cian (2 & 3 eelers)	AST2-E005	Multi Meter,	DC 2 200s	100mv -1000v,0 – 10A & AC mv- 750v , 0-10A, resistance 0-20 and 3 1/2 digit 0		+	5	0	0	+	0	0	0	0	0	0	+	+	\dashv		_

		П			_				NAN	IE O	тн	E ITI	& Q	UAN	TITY					9.
il.No.	Trade	Item Code	Name of the Equipment/ Machinery	Specification	Govt. ITI, Rajam	Govt. ITI, Bobbili	Joort, III (Old),	Govt. ITI, Kakinada	Govt. ITI, Bhimavaram	Govt. ITI, Vijayawada	Govt. ITI, Tenali	Govt. ITI Boys, Ongole	Govt. ITI, Boys Nellore	Govt. ITI Girls, Nellore	Govt. ITI, Tada	Govt. ITI, Chittoor	Govt. ITI, Tirupathi	Govt. ITI, Srisailam	Govt. ITI, Chakrayapeta	Total Quantity Required
65	Automotive Service Technician (2 & 3 Wheelers)	AST2-E006	Air Compressor,	Ref: Annexure-2-iii	0	0	1	0	0		0	0	0	0	0	0	0	0	0	1
66	Automotive Service Technician (2 & 3 Wheelers)	AST2-E007	Battery –charger	Battery Charger 6V-24V Single Phase, Table top type with connecting cables and clips(5mtrs lead) wit voltage and current indicator, over charge protector, Branded	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
67	Automotive Service Technician (2 & 3 Wheelers)	AST2-E008	washer with standard	Flow rate: 10.5 GPM. Temperature: 150 (300 deg F) Connection: 3/8" NPT inlet.	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
68	Automotive Service Technician (2 & 3 Wheelers)	AST2-E009	Fire extinguisher,	Ref: Annexure-2-v	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
69	Automotive Service Technician (2 & 3 Wheelers)	AST2-E010	petrol and disel models	Cut Section of 2 Stroke 2 W Engine Single Cylinder	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
70	Automotive Service Technician (2 & 3 Wheelers)	AST2-E011	Lifting jack screw	set includes 3 ton, 5ton & 20 Ton(each one)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
71	Mechanic Motor	MMV-E001	Anvil 50 Kgs with Stand	50 Kgs cast iron anvil with stand	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
_	Vehicle Mechanic Motor	MMV-E002	Auto Electrical test bench	4*4 feet ,2hp 1phase, 220v 15amps, alternator load 75amp	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
72	Vehicle Mechanic Motor		Ammeter 300A/ 60A DC with	12v starter test built in DC supply. 300A/ 60A DIGITALType	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4
73	Vehicle Mechanic Motor Vehicle	MMV-E003	external shunt Battery –charger	Battery Charger 6V-24V Single Phase, Table top type with connecting cables and clips(5mtrs lead) wit voltage and current indicator, over charge protector, Branded	0	-	0	\vdash	0	0	0	0	0	0	0	0	0	0	0	2
75	Mechanic Motor	MMV-E005	Car Jet washer with standard	1phase, water flow 8lpm, pressure 130bar, pump rpm	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
75 76	Vehicle Mechanic Motor	MMV-E006	Chain Pulley Block-3 ton	2800, power/v 3hp, 220v, 50hz, 3 ton	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
77	Mechanic Motor Vehicle	MMV-E007	Compression testing gauge suitable for diesel Engine with standard accessories	instrument for controlling compression on Diesel engines.Pressure=8 to 40 bar {8-40 calibration for Diesel engine models. }.unit weight=2.4kg.dimension of box set=440x370x100 mm.Full set of Diesel engine false injectors or false heater plugs. Provided with accessories:- Set of 5 replacement rubbers Set of spare cards 4-17 Set of spare cards 8-40 Adapter for M 12 spark plugs.	0	0	o	2	c	0	0	0	0	0	0	0	0	0	0	2 -
78	Mechanic Motor Vehicle	MMV-E008	Cylinder liner- Dry & wet liner, press fit & slidefit liner	Name of the Item: Cylinder liner Technical Specifications: Dry liner, press fit & slide fit liner (1 No. each) Features: Standard ISI Certified Warranty: One year	0	0	0	1	(0	0	0	0	0	0	0	0	0	0	1
79	Mechanic Motor	MMV-E009	Depth micrometer	0-25mm	o	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1
80	Mechanic Motor Vehicle	MMV-E010	Different type of Engine Bearing model	Name of the Item: Shell bearing Technical Specifications: Different type of Shell bearing & Side Thrust. (1 No. each) Features: Standard ISI Certified Warranty: One year, Name of the Item: Roller bearing Technical Specifications: Different type of Roller Bearing ie, Taper Roller, Straight Roller, Needle bearing, Pilot Bearing, Double Taper Roller bearing, Double Needle bearing, Double Roller Pilot Bearing, 1 No. each) Features: Standard ISI Certified Warranty: One year with disply board		0) 1		0	0	0	0	c	0 0	0	0	0	0	1
81	Mechanic Motor Vehicle	MMV-E011	Different type of piston mode	pistonscrossnead pistons.supper pistons, deneeto	() ()	0 1		0 0	0	0	0		0	0	0	0	0	1
_	Mechanic Motor	AAAAV 5013	Flantsia Foldoring Iron	pistons(one each) 230 V 60 watts 230 V 25 watts	1			0 2	2	0 0	10	0	0	1	0	0	0	0	0	2
82	Vehicle Mechanic Motor	MMV-E012	Fuel injection pump, VE pump / Distributor fuel rotary pump (DPC) pumps / along with special tools and accessories	Fuel injection pump, VE pump / Distributor fuel rotary	1	0	0	0	1	0 0		0	0	,	0 0				0	1
Separate Separate	Mechanic Motor	******	Grease Gun heavy duty trolle	Grease Gun heavy duty trolley type 10 kg capciaty	1	0 1	0	0	1	0 0	0	0	(0 0	0	0) (0	1
84	Vehicle Mechanic Motor	MMV-E014	type 10 kg capciaty Injector – Multi hole type.	Flow rate at 100 bar (n-heptane) up to 1,640 g/min Appx Number of holes - 4 to 7 holes (typical) Appx Spray type - Multi hole Spray angle overall - 110" (typical) Appx Spray angle single beam - 8 to 20" Appx Static flow tolerance - ±5 % Appx Dynamic flow tolerance - ±6 % at ti = 1.5 ms Appx Leakage - \$2.5 mm³/min at 23"C Appx					4	0		0 0			0	0	0		0 0	4
81	Mechanic Motor Vehicle	MMV-E016	Injector testing set (Hand tester)	Name of the Item: Injector testing set Technical Specifications: Injector testing set (Hand tester) for testin of cars, trucks etc. Features: Standard ISI Certified Warranty: One year	g	0	0	0	1	0	0	0 0	,	0	_	1	-	+	0 0	-
8	7 Mechanic Motor	MMV-E017	Lifting jack screw type 3 ton,	set includes 3 ton, 5ton & 20 Ton(each one)		0	0	0	1	0	0	0 0		0	0	0	0	0	0 0	1
8	Mechanic Moto		Ston & 20 Ion capacity	DC Voltage 0.1mV ~ 1000V +(0.5% + 4digit) AC Voltage 0.1mV ~ 750V; DC Current 0.1uA ~ 20A; AC Current 0.1uA 20A; RC Current 0.1uA 20A; Resistance 0.1© ~ 40M©; Capacitance 10pF ~ 200uF Frequency 0.1t° ~ 30MHz; Celsius - 40degree C ~ 1000 degree C; hhFE (NPN or PNP) 0 ~ 1000; Standard Accessories: Test Leads, Holster, Manual, TP 01 Temperature Probe Bead type	;	0	0	0	5	0	0	0 (0	0	0	0	0	0	0 0	5
-	Mechanic Moto	r MMV-E01	9 Radiator cut section-cross fl	ow upper tank cut/lower section cut/ fins hose pipe		0	0	0	1	0	0	0	0	0	0	0	0	0	0 0	1

Variable of a second

							8			-	Т			NA	ME	OF '	THE	ITI 8	k QU	ANT	ITY	Т	
	SI.	No. Tr	ade	Item Cod	de Name of the Eq Machine		Specification			Govt. ITI, Rajam	t. ITI, Bobbili	Govt. ITI (Old), Visakhapatnam	Govt. ITI, Kakinada	Govt. ITI, Bhimavaram	Govt. ITI, Vijayawada	Govt. ITI, Tenali	Govt. ITI Boys, Ongole	Govt. ITI. Boys Nellore	Govt ITI Girle Mellone	Govt. ITI. Tada	Govt. ITI, Chittoor	Govt. ITI, Tirupathi	ITI, Srisailam
	90	Mechani Veh		MMV-E02	Radiator cut section flow	-down	This model is made out of original NEW part, will be suitably sectioned to demonstrate the internal construction details showing the minute informatic Radiator cut section-showing cross flow, side tank, core (fins) and radiator cap, the model will be suitated to the suitate of the suitate o	on	tor	0	0	o Gov	1	O	O	O	O	OGOV	0			o Govt.	O Govt. ITI,
	91	Mechanic Vehic		IMV-E021	Starter motor axial to engagement type & t	Co-axial	Set of 3 (each one)The model of demonstration sect model of Starter motor is been made out of original Starter motor. The Starter motor is suitably section is show the internal details. The entire system is been section.	tionis NEW	ed /	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	92	Mechanic Vehic		MV-E022	Tandem master cyline		suitably painted and mounted on wooden base. 19-33mm dia		1		1	1											
	93	Mechanic Vehic		MV-E023	Turbocharger cut sect view		Cut Section Model of Turbocharger of Automobile	iitabl	,	-	0	0	4	0	0	0	0	0	0	0	0	0	0
	94	Mechanic Vehicl		MV-E024	Water pump for disma	antling	anted and Mounted on Wooden Board		+	0	0 1	0	1	0	0 (0	0	0	0	0	0	0	0
	95	Mechanic N		/V-E025	and assembling Work bench	2	heavy vehicle water pump. In & out side waterbpath 150 x 120 x 60 cm with 4 Workshop work bench made 150 X 6 mm, branded angle frame with 40MMx120Ch	e out	+	+	0 0	\dagger	4	0	0 0		0	0	0	0	0	0	0
	96	Mechanic N		IV-E026	Air Double		VOOD PANELS DUALLY PAINTED over 2 coats of prien vith 4 no.s vicesof IS standards with 3 years warranty		1	0 0	0		4	0 0	0	0		0	0	0	0	0 1	
	97	Vehicle Mechanic N Vehicle	Notor NA	IV-E026	Air Brake Assembly Alternator assembly us	ed for	andard Air brake assebly on stand in working conditi	ion	0	0	0	:	1	0 0	0	0	1	+	0	0	0 0		0
	98	Mechanic M	lotor	V-E028	LMV Carburetor – Solex, Mik		ut modal fitted on stand		0	0	0	1	. (0	0	0	0	1	0	0 (,	+	+
	\dashv	Vehicle	MIVI	V-EU28	dismantling and assemb	oling Ca	arburetor – Solex 230V,50HZ		0	0	0	1	C	0	0	0	0	1	0 (0 0	0	0	0
1	99	Mechanic Mo Vehicle	MMV	-E029	Cut section Model of Mo layout of a motor car –electrical system workin model	dia dia int list book NE's arrange terricon starm lam Dist dem cons mod		and part ted	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0
-	-	Vehicle	MMV-E	E030 at	bsorbers	Cut s	ection models of shock absorbers on board	1	0	0	0	1	0	0	0 1	0	0	0	0	0	0	0	•
1	01	Mechanic Moto Vehicle	MMV-E	031 Cu	ut section of cross ply and dial tyres(one each)	to sh	Cut section model of Cross ply and Radial tyre is been e out of original NEWTyre. The tyre is suitably section ow the internal details. The entire system is been bly painted and mounted on wooden/plastic base.			0	0	1	0	0 0		,	1	0	0	0		0	0
10	2 M	echanic Motor Vehicle	MMV-E0	Cut box	t section working model tomatic transmission Gea c	of original of original of original of original of original original of original of original of original original original of original ori	of the Item:Cut section working model of automatic mission Gear box. Technical Specifications:Made out ginal full size used gearbox, suitably sectioned to the automatic gear mechanism of at least five rd and one reverse speeds. Complete unit is ted on a sturdy iron frame (ALL the parts should be to second hand part to be used)Manual handles for lotate. Actual cut section model torque ter. Features:Standard ISI Certified Warranty: One anuals: English language user manual to be provided vable stand	0	0	0		1	0 0	0	0	1		0	0	0	0	0	0
103	Me	chanic Motor Vehicle	MMV-E03	Cut s	section working model o rifugal clutch assembly	Made of parts m	tion working model of centrifugal clutch assembly. cal Specifications: Four Wheeler centrifugal Clutch, put of original full size. Suitably sectioned to show all ounted on stand with Dismantling and assembly s: Standard ISI Certified Warranty: One year s: English language user manual to be provided nd	0	0	0	1	C	0	0	0	1	0	0	0	0	0)
104	Med	hanic Motor Vehicle	MMV-E034	Cut se	ection working model of aragm clutch assembly	Diaphrag sectione Dismant	f the Item:Cut section working model of Diaphragm ssembly. Technical Specifications:Four Wheeler gm Clutch, Made out of original full size. Suitably d to show all parts mounted on stand with ling and assembly Features: Standard ISI Certified y: One year	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
105		nanic Motor Vehicle	MMV-E035	Cut se Single	ection working model of plate clutch assembly	clutch ass model car	el is made out of original used parts such as Clutch plates, etc. to demonstrate the working of sembly. By operating the pedal provided the n be demonstrated. The entire model is mounted by iron frame with stand	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	
106		anic Motor ehicle	MMV-E036	Demon Ignition	nstration board of 2W n system, ignition coil	electronic Two whee All the par Spark can I	he Item:Demonstration board of 2W Ignition nition coil Technical Specifications:1. Actual distributor and distributor less ignition system ler both systems are mounted on single board.2. Its fitted with board are actual of two wheeler.3. Dese seen in conventional Ignition stures:Standard ISI Certified Warranty:One year	0 0		0	1	0	0 0	0	0		0	0	0	0	0	0	1

T									N/	ME	OF '	THE	ITI &	QU	JAN	ГІТҮ					T	
No.	Trade	Item Code	Name of the Equipment/ Machinery	Specification	Govt. ITI, Rajam	Govt. ITI, Bobbili	Govt. ITI (Old),	Visaknabatham Govt. ITI. Kakinada	T phinospiral	Govt. III, billinavarani	Govt III Tenali	Govt. ITI Bovs. Ongole	Govt III Bovs Nellore		Govt. ITI Girls, Nellore	Govt. ITI, Tada	Govt. ITI, Chittoor	Govt. ITI, Tirupathi	Govt. ITI, Srisailam	Govt. ITI, Chakrayapeta		Total Quantity Required
.07	Mechanic Motor Vehicle	MMV-E037	Demonstration board of electronic Ignition system, ignition coil	Name of the Item:Demonstration board of electronic Ignition system, ignition coil Technical Specifications:1. Actual electronic ignition coil with circuit showing all the parts on the board.2. All Parts ECU, SENSORS, ACTUATOR, fitted with crank shaft & cam shaft in working condition fitted with board. Features:Standard ISI Certified Warranty:One year Manuals: English language user manual to be provided. Training: In house training to be provided to the Instructors of the Institute.	0	0										0	0	1	0	0	7	3
08	Mechanic Motor Vehicle	MMV-FO38 I	Disk brake with caliper assembly	The Model is made out of Original NEW parts such as Four Brake disc, Four Caliper assembly (one sectioned), two master cylinder (one sectioned) etc, the model is mounted on a sturdy iron frame and can be demonstrated by operating the lever provided, one set of disc brake will be made opertational and th other will be shown sectioned.	0	0	0	1	1	0	0 0	0) (0	0	0	0	0	0	0		1
09	Mechanic Motor Vehicle	MMV-E039	Drum Brake Assembly in Working Condition	Name of the Item: Drum brake assembly Technical Specifications: The complete assembly shall consisting of Brake Drum, Tandem Master Cylinder, brake Shoe, brake Paddle & operating mechanism. Sectioned brake drum to show internal parts working. Mounted on sturdy iron frame with working. Features: Standard ISI Certified parts should be newWarranty: One year with stand	0	0	0		1	0	0	0 0		1	0	0	0	0	0	0		2
110	Mechanic Motor Vehicle	MMV-E040	Front Axle	life size The Front axle with rzeppa joint will be of original NEWvehicle accessories, will be mounted on to stand as per the original design of a vehicle, All the aggregates will be cleaned and service and Painted with Single Colour Paint	0	0	0		1	0	0	0	0	0	0	0	1	0	0	C)	2
111	Mechanic Motor Vehicle	MMV-E041	Full floating axle and semi- floating axle assembly	This model is made out of original NEWheavy vehicle parts suitably sectioned to show clearly the action of Differentia gear box, such as pinion crown wheel in Differential and Brake drums in Rear axle, A Crank handle is provided to demonstrate the model. The model is mounted on a sturd iron frame. This model is made out of original used light vehicle, suitably sectioned to show the action of Differential gear box and Brake drums in Rear axle. A Cran handle is provided to demonstrate the model. The whole model is mounted on a sturdy iron frame.	y c	0			1	0	0	0	0	1	0	0	1	0	0		0	3
112	Mechanic Motor Vehicle	MMV-E042	Functional/experiment mode of different type of sensors	form signals are provided on to the printed circuit diagra 4. The training module is fitted with diagnostic socket (D for universal automobile decoder (Scan tool) to read fault codes, clear fault codes and read data stream. 5. Fault setting switch bank will be provided to induce faults in the training module to demonstrate the fault art to diagnose faults. 6. Set the line break, groundingshort circuit, improper contact or open circuit faults can be induced, user can adjust the number and type of faults. 7. Good working condition Parts will be provided with futank. The instruction board has to be connected to 220% AC socket Which changes to 12V DC internallyso that the	m. LC) t	0	0	0	1	0	0	0	0	0	0				0	0	0	1
. 113	Mechanic Moto Vehicle	MMV-E043	Steering assembly - 1.Rack- pinion, 2.Worm & roller 3. Recirculating ball,	hoard works withouthattery (1 EACH) 1. Worm & Roller steering assembly with drop arm. 2. Recirculating Ballsteering with pitman shaft and drop Arm. 3. Electric Assisted Power Steering with Rack a pinion, Electric Motor and Motor Control Module WITH STANDS	nd	0	0	0	3	(0	0	0	1	1	0	0	0	1	0	0	5
111	4 Mechanic Mote Vehicle	or MMV-E04	Synchronous Gear box with stand for Dismantling and assembly.	The original car NEW Gear Box will be mounted on to to rolling stand, so that slowly rolling the handle provided gear boxcan be rotated and lock and any position and angle to enable the students to assemble or dismantle Gear box, a large oil drip pan is provided at the bottom collect the small screws, parts and oil dripping. The rot stand is made out of steel tube with gears for slow spe operation along with self retention wheels. The Paint finished rotating stand is provided with heavy duty cas wheels with brakes. (cut section with stand)	the to ating	0	0	0	1		0	0 0	0		1	0	0	1	0	0	0	3
11	Mechanic Mot Vehicle	tor MMV-E0	Tubed tyre of car, trucks & motorcycle	suitably painted and mounted on wooden base. (each	one		0	0		1	0	0	0 (0	0	0	0	0	0	0	0	1
1	Mechanic Mo Vehicle	tor MMV-E0		been suitably painted and mounted on wooden base	n is	0	1	0	1	1	0		0	0	0	0	0	-	1	_	0	
1	Mechanic Mo Vehicle	otor MMV-E0	Tyre & split rim wheel assembly	life size The Tyre & Split Rim wheel will be mounted of wooden Basewith NEW Parts.		10		0 0		1	L		1	-		ــــّـ	L	1	1			

					-	\neg	Т			NA	ME	OF T	HE	TI &	QU	ANT	TITY	Т	Т	_	\dashv
SI.N	o. Trade	Item C	ode Name of the Equipr Machinery	specification		Govt. ITI, Rajam	Govt. ITI, Bobbili	Visakhapatnam	Govt. ITI, Kakinada	Govt. ITI, Bhimavaram	Govt. ITI. Vijavawada	Govt. ITI, Tenali	Govt. ITI Boys, Ongole	Govt. ITI, Boys Nellore	The state of the s	GOVT. III GIFIS, Nellore	Govt. ITI, Tada	Govt. ITI, Chittoor	Govt. III, Tirupathi	Gove III Chabranata	
118	Mechanic Mot Vehicle	tor MMV-E	048 Working Model of power windows	life size This model is made out of original NEW parts, will be suitably sectioned And Arranged to demonstrate the internal construction details showing the minute information such as motor and its gear arrangement etc., and working of the same can be show by connecting it to SMPS, the model will be suitably painted and The entire model is mounted on a sturdy iron frame.		0	0	0	1	0		0	0	0	Ī				0 0		
119	Mechanic Mot Vehicle	or MMV-E	Working model of torqu converter	Name of the Item: Torque converter Technical Specifications: Made out of original new parts, will be suitably sectioned to demonstrate the internal construction details showing the minute information, and working of the same, the model will be suitably painted and mounted on a navopan wooden base (Brand New) with manual Features: Standard ISI Certified Warranty: One year Manuals: English language user manual to be provided. Training: In house training to be provided to the Instructors of the Institute.		0	0	0	1	0	0	0	0	0	0		0 0	0	0	0	
120	Mechanic Moto Vehicle	MMV-E	Arbor press hand operat ton capacity	Extract maximum pressure of 2 Ton ,Centre to back distance shoulsd be 190 to 200 mm,maximum Height plat 340 -350 mm,Arbor round and square 44.4 mm -50mm ,weight 90 kg Approx	te	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
121	Mechanic Moto Vehicle	m MMV-E0	Automotive exhaust 5 ga analyzer (petrol & Diesel) Diesel SmokeMeter		000	0	o d		1	0	0	0	0	0	0	0	0	0	0	0	
122	Mechanic Motor Vehicle	MMV-E05	Diesel Engine — CRDI - 4 st for Dismantling and assembling with	displacement :-2500 cc Diesel engine (Running condition) Stationary type, 4 cylinder (New) Features:Standard ISI Certified Warranty:One year with caster wheels movable stand	0	0	0		1	0 0) (0)	0	0	0	0	0	0	0	
23	Mechanic Motor Vehicle	MMV-E05	Diesel engine (Running condition) Stationary type	Diesel Engine (Running condition) Stationary type Technical Specifications: Engine displacement :-2500 cc Diesel engine (Running condition) Stationary type, 4 cylinder (New) Features:Standard ISI Certified Warranty:One year with stand	0	0	0	1	1 (0	0	0	1	0	0	0	0	0	0	0	
24	Mechanic Motor Vehicle	MMV-E054	Hydraulic jack HI-LIFT type ton capacity, and 5 Ton capacity	Name of the second seco	0	0	0	1	. 0	0	0	0	1) (0	0	1	0	0	0	
5	Mechanic Motor Vehicle	MMV-E055	Multi Scan Tool with oscilloscope	Name of the Item: Multi Scan Tool with oscilloscope Technical Specifications: Car, Van & Asian Truck, 12v & 24v- Includes 2 years software update- Operates with all protocols including canbus- intuitive navigation and easy to use. Menu selection & Auto search system- Fault code read & clear- Live data & one hour flight record capability. Actuator operation and coding- Graphing functions: 16pin diagnostic cable included- Optional Asian and truck adapters- 12v or 24v power supply- Faster updating speeds- WinCE 6.0 Operating System- Powerful Cortex A8 1GHz/Cortex M3 120MHz processor- 7" High resolution LCD (1024x600P)- Wireless connectivity- 32GB Memory- 12534 Path-thru hardware- TPMS Support (Optional). Includes 2 Years Software & 1 Year Warranty. Including all cars manufacturers Asian, American, European Etc-Features- Large range and depth of software Korean, Asian, European, USA & Justralian included-Menu vehicle selection, auto ECU scan, General search- Quick searching- Screen capture and memo for report reference- Flight Record replay in numeric or graphical form- ECU coding and programming- Real-time live data text capture- Log-on data transfer for quick feedback- Vehicle maintenance information (in development)Scan Functions- EMS, Airbag, ABS, Body control, Dashboard, Chassis, Comfort, Immobiliser, Diesel, etc- Self diagnosis, fault code read, store and clear- Live data display, digital, graphic, min & max & store- Actuator test and activation- Flight record- Service light reset, warning light reset, Coding and adaptation Standard-ISI Certified Warranty 2 years Manuals: English language user manual to be provided. Training: In house training to be provided to the Instructors of the Institute.	0	0	0	1	0	0	0	0	0	0	0	C		0		0	1
М.	echanic Motor Vehicle	MMV-E056	manus pressure 0.5 kg/sq cm	standard make along with 1HP single phase motor Name of the Item: Air compressor single cylinder Technical Specifications: Trolley type portable air compressor single cylinder with 45 liters capacity Air tank, along with accessories & with working pressure 6.5 kg/sq cm Features: Standard ISI Certified Warranty: One year Manuals: English language user manual to be provided.	0	0		1	0 (0 0			0	0	0	1	0	0	0		2
Me	echanic Motor Vehicle	MMV-E057	of Internal part	CUT section model 4/6 cyliders Diesel Engine Moving condition in running condition with caster wheels movable of stand	0	0	1		0 0	0	0	0	1	0	0	1	0	0	0		2
Me	chanic Motor Vehicle		liesel Engine 6 cylinder in	Diesel Engine (Running condition) Stationary type Technical Specifications: Engine displacement :-2500 cc Diesel engine (Running condition) Stationary type, 4 Vilinder (New) Features:Standard ISI Certified	0	0	1		0 0	0	0	0	1		,	0	0	0	0		

1		Т							NA	ME	OF T	HE I	гі &	QUA	NTI	TY				T	
No.	Trade	Item Code	Name of the Equipment/ Machinery	Specification	Govt. ITI, Rajam	Govt. ITI, Bobbili	Govt. ITI (Old),	Govt. ITI, Kakinada	Govt III Bhimavaram	Govt. ITI, Vijayawada	Govt. ITI, Tenali	Govt. ITI Boys, Ongole	Govt. ITI, Boys Nellore	Govt ITI Girls, Nellore	Gout ITI Tada	Govt ITI Chittoor	, , , , , , , , , , , , , , , , , , , ,	Govt. III, Tirupathi	Govt. ITI, Srisailam	Govt. ITI, Chakrayapeta	Total Quantity Required
.29	Mechanic Motor Vehicle		Air anditioning regists Unit	Name of the Item: Air conditioning service Unit Technical Specifications: Fully automatic single gas station for recovering, recycling and recharging R134Service procedure Fully automatic Scale resolution 10gOil scale resolution 5gVacuum pump 92 l/minRecovery speed 300 g/minRefrigerant bottle capacity 12 kgPower supply 220 V 50 Hz Features: Fully automatic operation Recovery=>Oil discharge=>Vacuum=>Tracer =>Oil reintegration=>ChargingOn board vehicle database. Electronic weighing scale for used/new oil. Graphic display. Integrated software for automatic flushing program. USB port for software updates. Simplified refrigerant management system. Password protection. Standard ISI Certified Warranty:One year Manuals: English language user manual to be provided. Training: In house training to be provided to the Instructors of the Institute.	0	0	0	1	c	0 0	0	0	0	c		0	o	0	0	0	1
130	Mechanic Motor Vehicle	MMV-E060	MPFI petrol engine with swiveling stand along with special tools for	The model will be made with two stand setup wherein one stand will be mounted with, original NEW Car engine supported by excise clearance Certificate / Invoice which can be rotated 360 degree on the stand, so that slowly rotating the handle provided the engine can be rotated and lock and any position and angle to enable the students to assemble or dismantle the engine, a large oil drip pan is provided at the bottom to collect the small screws, parts and oil dripping. The rotating stand is made out of steel tube with gears for slow speed operation along with self-retention wheels. The Paint finished rotating stand is provided with heavy duty caster wheels with brakes. And the other stand will be fitted with cooling system, exhaust system. Fuel system and engine starting system. By connecting the two stands together with all necessary connection such as radiator connection, fuel line, electrical connections etc. the engine can be started and made to work. So that the students will understand the fitting and connections involved in the engine starting, also they can check and confirm the reassembling of the engine assembly. By disconnecting the stands, the engine can be dismantled for practice. First trolley should contain – Radiator assemblywithcontain Battery & Dash board fuel tank with wiring harness & Second trolley Should contain – Engine with Swiveling stand. Engine type: -4-cylinder, naturally aspirated petrol. Bore:- 70-95 mm,Stoke: -72-110mm, Displacement:-700-1798cr. Commoression, ratios.(8-16-11)	0	0	o	1	L	0		0			o	0	0	1	0	0	2
131	Mechanic Motor Vehicle	MMV-E061	Petrol Engine(2-stroke) Motor Cycle/Scooter along with special tools and accessories	The petrol engine setup will be prepared by NEW good working condition engine with all the fittings of the engine along with silencer, air filter, fuel tank, electrical wiring with ignition switch etc., all mounted on to a sturdy iron frame with caster wheels (mobile trolley). All the fittings such as fuel tank, etc., along with the engine will be arrange on to the paint finished trolley with its original fittings such as rubber dampers and clamps so as to contain the vibrations. The engine assembly will be serviced, painted with a single colour paint ith stand	1		0	0	1	0	0	0	0	0	0	0	1	o	0	0	2
132	Mechanic Motor · Vehicle	MMV-E062	Transfer case with stand for Dismantling and assembly	life size This model is made out of original full size NEW Transfer Case, to show the gear mechanism of forward an reverse speeds. The the transfer case is mounted on a 36f degree rotatable stand, so that slowly rotating the handle provided the transfer case can be rotated and lock and an position and angle to enable the students to assemble or dismantle, a large oil drip pan is provided at the bottom to collect the small screws, parts and oil dripping. The model will be finished by suitable colour painting.	y	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
133	Mechanic Motor Vehicle	MMV-E063	machine	electrical Name of the Item: Vulcanizing machine Technic Specifications: Tube/ tyre vulcanizing machine Voltage 220V,Power 500W,Timer Scope 0-120Minutes Features:Standard ISI Certified Warranty:One year Manuals: English language user manu to be provided.		0	0	0	1	0	0	0	0	0	0	_					2
134	Mechanic Motor Vehicle	MMV-E064	Two post car lift – capacity 4000 kg	4000 kg	-	0	0	0	1	0	0		U	0	1	+	+	+	+	+	
133	Mechanic Moto	MMV-E06	5 Tyer Changer Machine	Tyre Changer Machine Technical Specifications: Tyre Changer Automatic PCV & LCV tyres upto 23" rim diameter/Motorcycle tyres with optional adaptor Motor Power 1.1 kWAir Requirement 8 – 10 barinternal Rim Clamping 12" – 23"External Rim Clamping 10" – 20"Beat breaker tire width 3" – 15"Maximum Tire Diameter 41"Power supply Single phasecomplete with all accesso and components along with operating manual with excit duty clearance certificate. Features:Standard ISI Certifie Handles both standard steel wheels and delicate alloy wheelshiigh torque turntable with reversible directionTiback arm designPneumatic lock for towerCan be equipp with Motorcycle adaptor/Warranty:Two year Manuals: English language user manual to be provided Training: house training to be provided to the Instructors of the Institute.	ries se d lt –	0	0	0	1	c	0	0	0	0	C			0	0	0 0	1



			200							-	\top	_	Т	N	MA	E OF	THE	ITI &	QU	ANTI	TY	_	_		I
		SI.No. T	rade	Item Code N	lame of the Equi Machinery		Specification			the state of the s	ovt III Robbii	Govt. ITI (Old),	Visakhapatnam	Govt. III, Kakinada	GOVT. III, Bhimavaram	Govt. ITI. Tenali	Govt. ITI Boys, Ongole	Govt. ITI, Boys Nellore	Govt. ITI Girls Nollons	Govt. ITI, Tada	Govt. ITI, Chittoor	Govt. ITI, Tirupathi	Govt. ITI, Srisailam	Govt. ITI, Chakrayapeta	
		136 Mechan Veh	icle M	equip	isonic Injection cle oment	aning	Name of the Item: Ultrasonic injection cleaning Technical Specifications: Injector Cleaner & Test 100~240V Power: 24W Certification: ISO CE App Models: All cars Cylinder number: 6 Rotation sp. 0~9950r/min; step: 50r/min Pulse width. 0-20m 0.1ms Count: 0-9950; step: 50 System pressure: Fuel tank capacity: 2.5L Test tube capacity: 120m supply: 110/220V, 50/60Hz N.W / G.W: 36 / 42kg operating manual and excise duty clearance cert Features: Standard ISI Certified Test range: MPI, MONO, TBI injector (top feed and side feed); 6 Conjectors Tester and Cleaner; Injector fuel distributed injectors rester and Cleaner; Injector fuel distributed injectors (speed working condition simulation; Drain the test operating value automatically; Separated ultrasoni with timer; Test liquid pressure tracking and stabia automatically; Adjust oil pressure electronically/Srail; With movable dolly. Warranty: One year Man English language user manual to be provided. Traihouse training to be provided to the Instructors of Institute.	ter Vollicable eed: or 0. or	p: 6Mpa wer h ee. ers and h on	it ::	0	0	1			0	0	0	0	0	1		0	0	
	-	Vehic			alignment Machin outerised 3D	ne 31	30			0	0	0	1	0	0	0	0	0	0	0 0		0 0		+	
	1388	Mechanic N Vehicle	A A B A L	-E068 Wheel b	alancing machine	Baa Raa Raa Wii Dia 23a 100 cle- Fea tyrre unb trac are Posi tech asse Com Mann prov Instr	Name of the Item: Wheel balancing machine (Digit in Chinical Specifications: Digital Wheel alancerMeasurement Accuracy Measurement angeBalancing Accuracy 1g, Cycle Time 5 – 8 sec, I/dith 1.5" – 20"Rim Diameter 10" – 30", Wheel Miliameter 860 mmWheel Max. Weight 65 Kg, Power 30V, 1Ph, 50 HzProtection Class IP 54, Balancing Sp 300 rpm with standard accessories with excise duty bearance certificate along with operating manual. In advances of the standard ISI Certified Optimization programer and rim unbalanceAutomatic minimization of standards ISI Certified Optimization programer and rim unbalanceAutomatic minimization of standards ISI Certified Optimization programer and rim unbalanceAutomatic minimization of standards and the standard ISI Certified Optimization programer and rim unbalanceAutomatic minimization of standards and the Position Pick up & position see kept closure to the shaft whereas in VDD technosition Pick Up are replaced with a revolutionary thinology of direct pick – up from the drive shaft emblyApplication:Passenger Vehicle (PV),Light mmercial Vehicle (LCV),Tyre shopWarranty:One yenuals: English language user manual to be vided. Training: In house training to be provided to ructors of the Institute.	Rim ax. r Supposed m for ratic — In ensor logy	ply	0	0	1	L	0 0	0	0	0	0	0		0	0	0		1
	139	Mechanic Mo Vehicle Mechanic Mot	MMV-E	fault	ondition of Petrol ne Assembly with	system settin with r	st 4 Stroke 3/4 cylinder MPFI in running condition Occ with ECM, BCM and all sensors, wiring, fuel fee em, cooling system, instrument cluster& with Faul ng bank for minimum 6 sensors with diagnostic so movable stand	ed t cket		0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
-	140	Vehicle Mechanic Moto	MMV-E0	BOX	ion Steering Gea	R 1. Rac with s	ck & Pinion with steering wheel, column, tie rod e stand	nd	0	0	0	0	0	0	0	0	1	0	0	1	+	+	-	_	
-	141	Vehicle Mechanic Moto	MMV-E0	mechanism	with stand	Worm	n & Roller steering mechanism with stand		0	0	0	0	0	+	+	+	+	+	+	+	+	+	0	1	
		Vehicle		steering gea	ar box	ends w	culating Ball type steering gear box along with tie with stand	rod	0	0	0	0	0	0 0	+		+	0 0	+	0 0	-	+	0	2	-
14	43	Mechanic Moto Vehicle	MMV-E07	Power Steeri	ing	4. Hydr column	raulic working power steering with steering whee n, flow pipe, hydraulic pump, oil reservoir with sta	l, nd	0	0	0	0	0	0 0	0	1		0 0	\dagger	+	1	+	+	1	
14	_	Mechanic Motor Vehicle	MMV-E07	Electrical Ass Steering	1.05000000	5. Electr Electric I	ric Assisted Power Steering with Rack and pinion, Motor and Motor Control Module with stand	1	0 0	0 0	+	0	0	0 0	0	1	0	0	0	0	0	0	+	_	-
145	5	Mechanic Motor Vehicle	MMV-E075	Air bag simula	ator	Driver &	k Co Driver Air Bags, Seat belts with front seats, ensors, air bag ECU, Wiring Harness fitted on Board	+	0 0	0	+	+	+	+		+	+	-	Ĺ	Ĺ	Ĺ		+	1	
146	N	Mechanic Motor Vehicle	MMV-E076	Disc Brake in w condition with assembly with	vorking caliper	Disk brak model(Ca	kes system for LMV on stand working	+	+	-	-	+) 0	H	0	0	0	0	1	0	0	0	-	1	
		echanic to			N Ig A	lame of t	the Item:Demonstration board of electronic ystem, ignition coil Technical Specifications:1.			0	0	0	0	0	0	1	0	0	1	1	0	0		3	
147		echanic Motor Vehicle	MMV-E077	Demonstration Electronic Ignition Ignition Coil	on System, fit W to	tted with ted with arranty:0 be provid	the board. 2. All Parts ECU, SENSORS, ACTUATOR, In crank shaft & cam shaft in working condition to board. Features:Standard ISI Certified One year Manuals: English language user manual ided. Training: In house training to be provided ructors of the Institute.	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	:	1	
148		hanic Motor Vehicle		Demonstration Bo System	will man valve positive for the common valve process to th	be made nifolds, the, carbor sors such ition sens sor, etc, circuit cor ranty: On ual to be	the Item: Demonstration board of MPFI system pecifications: This open demonstration Board le of original parts such as petrol injector, inlet throttle body, distributor, ECU, canister purge on canister, fuel tank module, supporting has lambda sensor, engine speed sensor, cam sor, oxygen sensor, airflow sensor, MAP, with necessary wiring connections to show onnections. Features: Standard ISI Certified one year Manuals: English language user a provided. Training: In house training to be the Instructors of the Institute.	0	0	0	0	0 0		0	1	0	0	1	1	0		,	3		
+		anic Motor		esel Engine(Runn										. 1				. 1			400			- 1	

				-					NAN	MEC	FTF	1E II	1&0	QUA	NTIT	Y	Т	\top	_	\dashv	70
No.	Trade	Item Code	Name of the Equipment/ Machinery	Specification	Govt. ITI, Rajam	Govt. ITI, Bobbili	Govt. ITI (Old), Visakhanatnam	Govt. ITI, Kakinada	Govt. ITI, Bhimavaram	Govt. ITI, Vijayawada	Govt. ITI, Tenali	Govt. ITI Boys, Ongole	Govt. ITI, Boys Nellore	Govt. ITI Girls, Nellore	Govt. ITI, Tada	Govt. ITI. Chittoor	Govt. ITI. Tirupathi	Govt. ITI. Srisailam		Govt. ITI, Chakrayapeta	Total Quantity Required
50	Mechanic Motor Vehicle	MMV-E080	Four stroke petrol engine with CNG setup- working condition	Latest 4 Stroke 3/4 cylinder MPFI in running condition,1000- 1600cc with ECM, BCM and all sensors, wiring, fuel feed system, cooling system, instrument cluster & with CNG/ Petrol selection switch on Panel. Latest CNG kit.	0	0	0	0	0	0	0	0	0	0	0	1	0	0)	0	1
351	Mechanic Motor Vehicle	MMV-E081	Functional/experiment model of different type of sensors.	The Instruction board adopts the real components of electronic fuel injection system to illustrate engine fuel system structure and working principle. The components are rigged onto colour circuit diagram. And made functional. Features 1. Real and operatable engine fuel injection system is assembled onto a colour printed board to illustrating the structure and working process. 2. Coloured circuit diagram on the training Module printed on to 6mm organic glass base. Where in the students can compare the diagram and actual diagram. 3. Detection terminals for operator todetect various sensors, actuators, electrical signals for engine control unit, such as resistive, voltage, current, frequency and wave form signals are provided on to the printed circuit diagram. 4. The training module is fitted with diagnostic socket (DLC) for universal automobile decoder (Scan tool) to read fault codes, clear fault codes and read data stream. 5. Fault setting switch bank will be provided to induce faults in the training module to demonstrate the fault and to diagnose faults. 6. Set the line break, groundingshort circuit, improper contact or open circuit faults can be induced, user can adjust the number and type of faults. 7. Good working condition Parts will be provided with fuel tank. The instruction board has to be connected to 220V AC socket Which changes to 12V DC internallyso that the board works withoutbattery. 8. The training module is fabricated using steel pipe frame with spray painted for good looks and the entire setup is provided with caster wheels with brakes for easy movement of the same.	0	0	0	0	0	0	0	0	0	0	0	1	0	o d		0	1
152	Mechanic Motor Vehicle	MMV-E082	Heavy Commercial vehicle	Fitted with Latest 06 cylinder CRDI diesel engine with all parts and accessories. (without body on frame)	0	0	0	0	0	0	0	0	0	0	0	0) 1		0	0	1
153	Mechanic Motor Vehicle	MMV-E083	Working Model of Toque Converter	Name of the Item: Torque converter Technical Specifications: Made out of original new parts, will be suitably sectioned to demonstrate the internal construction details showing the minute information, and working of the same, the model will be suitably painted and mounted on a navopan wooden base (Brand New) with manual Features: Standard ISI Certified Warranty: One year Manuals: English language user manual to be provided. Training: In house training to be provided to the Instructors of the Institute.	0	0	o	0	0	0	0	0	1	0	0	(0	0	0	1
154	Mechanic Motor Vehicle	MMV-E084	Working Condition of Diesel Engine – CRDI- 4 stroke Engine, Assembly with fault simulation board	Latest 4 Stroke 4 cylinder turbo charged CRDI Engine,1100- 2200cc with ECM, BCM and sensors, wiring, fuel feed, cooling system, instrument cluster with Fault setting bank for minimum 8 sensors and with diagnostic socket to read the faults. Engine management circuit diagram to be printed on the panel board.	0	0	0	0	0	0	0	0	0	0	0		0	1	0	0	1
155	Mechanic Motor Vehicle	MMV-E085	Working Condition of Petrol MPFI Engine Assembly with fault simulation board	Latest 4 Stroke 3/4 cylinder MPFI in running condition,1000- 1600cc with ECM, BCM and all sensors, wiring, fuel feed system, cooling system, instrument cluster& with Fault setting bank for minimum 6 sensors with diagnostic socket with movable stand	0	0	0	0	0	0	0	0	0	(0		0	1	0	0	1
156	Mechanic Diesel	MD-E001	Ammeter DC with external shunt	300A/ 60A DIGITALType	0	0	0	0	0	0	0	0	0	1	0 (0	0	1	0	1
157	Mechanic Diesel	MD-E002	Angle plate adjustable	made from cast iron with 0-3 grade.Flatness of Working Faces 8um. Squareness of working face is 18um.Adjustable 250 x 150 x 175 with angle setting facility made from cast iron with 0-3 grade. Of high tensel casting.	0	0	0	0		0	0	1	0	-	0	0	0	0	1	0	2
158	Mechanic Diesel	MD-E003	Angle plate size	made from cast iron with 0-3 grade. Or light tenser cashes. Flatness of Working Faces 8um. Squareness of working face is 18um. Size 200 x 100 x 200mm solid 900 angled type cast Steel make 50 Kgs cast iron anvil with stand	0	0		-		0 0	0						0		1	0	2
159 160	Mechanic Diesel Mechanic Diesel	MD-E004 MD-E005	Anvil with Stand Auto Electrical test bench	4*4 feet ,2hp 1phase, 220v 15amps, alternator load 75amp 12v starter test built in DC supply.	-	\top	\top	0	(0 0	0	0)	0	0	0	0	1	0	1
161	Mechanic Diesel	MD-E006	Battery –charger	Battery Charger 6V-24V Single Phase. Table top type with connecting cables and clips(5mtrs lead) wit voltage and current indicator, over charge protector, Branded	C) () (0 0		0 0	0	1		,	0	0	0	0	1	0	2
162	Mechanic Diesel	MD-E007	Belt Tensioner gauge	Name of the Item: Belt Tensioner gauge Technical Specifications: Technical Specifications: Tensioning all automotive V-belts up to, and including, 7/8" top widths. Instructions for Product use. Scale to reads in pounds and kilograms. Measures tension from 30 to 160 lbs., and 15 to 75 kg. Features: Standard ISI Certified Warranty. One year digital type				0 0								0	0	0	1	0	:
163	Mechanic Diesel	MD-E008	Car Jet washer with standard accessories	1 phase, water flow 8lpm, pressure 130bar, pump rpm 2800, power/v 3hp, 220v, 50hz,	+	+	+	+	-	+	+	+	+	0	0	0	0	0	1	0	
164	Mechanic Diesel	MD-E009	Chain Pulley Block capacity with tripod stand	3 ton	+	0	0	0)	0	0	0	1	0	U	0	U	J	-	-	+
165	Mechanic Diesel	MD-E010	Compression testing gauge suitable for diesel Engine with standard accessories	instrument for controlling compression on Diesel engines.Pressure=8 to 40 bar (8-40 calibration for Diesel engine models.).unit weight=2.4kg.dimension of box set=440x370x100 mm.Full set of Diesel engine false injectors or false heater plugs. Provided with accessories:- Set of 5 replacement rubbers Set of spare cards 4-17 Set of spare cards 8-40 Adapter for M 12 spark plugs.		0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	
16	6 Mechanic Diese	MD-E01:	Connecting rod alignment fixture	Used to check and correct the amount of twisting or bending of the following links in a 6110 automotive engin Applicable to mini-car, brigade, any card within the car. Cheap, easy to operate, cost-effective, is the auto repair professional departments and tertiary institutions teaching aids to do the ideal equipment.		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	

								1	T	T	T	T	T	T	T	ITI 8	T	T	Ť	T	Т	Τ	+
	Sl.No.	Trade	Item (Name of the Equip Machinery		Specification		Govt ITI Paiam	Govt ITI Bobbili	Govt. ITI (Old),	Visakhapatnam	DAC: III, Nakiliada	Govt. III, Bhimavaram	Govt. ITI. Tenali	Govt. ITI Boys. Ongole	Govt ITI Boye Nolloro	and and an	Govt. ITI Girls, Nellore	Govt. III, Chittoor	Govt. ITI. Tirupathi	Govt. ITI, Srisailam	Govt. ITI, Chakrayapeta	
	167 Mec	nanic Diese	MD-E	O12 Cylinder bore gauge c	apacity	20 to 160 mm		0	1	-		\neg	0 0					0 0	1			0	+
		nanic Diese		each)		Name of the Item: Cylinder liner Technical Specification Dry liner, press fit & slide fit liner (1 No. each) Feature Standard ISI Certified Warranty: One year	ons:	0	0	0	0			0	0	0	1	0 0	0	0	1	0	1
1	109 Mec	anic Diese	l MD-E	DC Ohmmeter		0 to 300 Ohms		0	0	0	0	1	0	0	0	0	1	0	0	0	2	0	#
	170 Mech	anic Diesel	l MD-E(Different type of Engin Bearing model		Name of the Item: Shell bearing Technical Specification Different type of Shell bearing & Side Thrust. (1 No. expeatures: Standard ISI Certified Warranty: One year, North telem: Roller bearing Technical Specifications: Different type of Roller Bearing ie, Taper Roller, Straig Roller, Needle bearing, Pilot Bearing, Double Taper Robearing, Double Needle bearing, Double Roller Pilot Bearing, Double Needle bearing, Double Roller Pilot Bearing. (1 No. each) Features: Standard ISI Certified Warranty: One year with disply board	ach) Name ht Iller	0	0	0	0	c	0	0	1	0	C	0	0	0	1	0	
	171 Mech	anic Diesel	MD-E0	Different type of pistor	n model	Different Type of Piston Model for demonstration and instruction,min four types to be supplied like Trunk pistonscrosshead pistons.slipper pistons, deflector pistons(one each)		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
-	172 Mech	nic Diesel	MD-E0	Fuel feed pump for Die:	sel	Th emodel of fuel feed pump is made out of original NI feed pump. The model is mounted on to a wooden base and it is suitably painted.	e e	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
-	173 Mecha	nic Diesel	MD-E0:	inline	iesel)	Name of the Item: Fuel injection pump Technical Specifications: Fuel injection pump (Diesel) inline (6 cylinders New) With Complete Basic setting Chart. Features: Standard ISI Certified Warranty: One year		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
1	174 Mecha	nic Diesel	MD-E01	/Universal Vice		Fuel injection pump dismantling tool kit/Universal		0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	
1	Mecha	nic Diesel	MD-E02	Fuel injection pump VE p Distributor 0 fuel rotary pump (DPC) p / along with special tool accessories	pumps a	Fuel injection pump, VE pump / Distributor fuel rotary pump (DPC) pumps/alongwith special tools and accessories, for demonstartion and practice, both rotar and inline FIPs to be provided	у	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
17	76 Mechar	ic Diesel	MD-E02:	Glow plug tester	fa ci ur gl te	lame of the Item: Glow plug tester Technical pecifications: A standard glow plug tester for checking sult detection through LED,s for a quick analysis, short rcuit, over current, normal operations, open circuit/nder current. It must allows for testing without removinow plug from Engine. It should powers the glow plug to sty the plug in its operating state. Internal 9V battery & w warning indicator • Auto shut-off when not being ustatures: Standard ISI Certified Warranty: One year	9	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	
17			MD-E022		wi	rowler - external meter type checking capacity from 10 10 mm dia and or checking the reverse coil defective nding and complete for commutator ground test switch d test lead dimensions		0	0	0	0	0	0	0 1		0	0	0	0	0 :	2	1	
170	·	Diesel	MD-E023	Hand Shear Universal	250	0mm	1	0 () (0	0) (0	1	0	0	0	0 0	0 2	2 1	0	_
179	Mechanic	Diesel	MD-E024	Injector – Multi hole type, Pintle type	Spr. Spr. Spr. Stat Dyn	w rate at 100 bar (n-heptane) up to 1,640 g/min Appx mber of holes 4 to 7 holes (typical) Appx ay type Multi hole ay angle single beam tic flow tolerance tic flow tolerance amic flow tolerance kage w rate at 100 bar (n-heptane) up to 1,640 g/min Appx 4 to 7 holes (typical) Appx builting 100 typical) Appx 8 to 20° Appx - ±5% Appx - ±6% at ti = 1.5 ms Appx \$2.5 mm³/min at 23°C Appx	0	0	0		0	0 0	0	0	0	0 0		0	0			3	1
80	Mechanic	· .	MD-E025	Injector testing set (Hand tester)	of ca	ne of the Item: Injector testing set Technical cifications: Injector testing set (Hand tester) for testing ars, trucks etc. Features: Standard ISI Certified ranty: One year	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0		1
			1110-2026	Lifting jack screw	3 tor	n, 5ton & 20 Ton	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	\pm	1
82	Mechanic (iesel	MD-E027	Multimeter digital	20A F Frequence degree Acces Temp	Coltage 0.1mV ~ 1000V +(0.5% + 4digit) AC Voltage NV ~ 750V; DC Current 0.1uA ~ 20A; AC Current 0.1uA ~ Resistance 0.1© ~ 40M© ;Capacitance 10pF ~ 200uF; uency 0.1H _ 30MHz; Celsius - 40degree C ~ 1000 ee C; hhFE (NPN or PNP) 0 ~ 1000; Standard ssories: Test Leads, Holster, Manual, TP 01 perature Probe Bead type	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0		5
3	Mechanic D	esel	MD-E028	Portable electric drill Machin	2400	ic drill 230W 6.5mm Chuck capacity Ø6.5mm Power 230W No load speed 0-4.500/min Mains voltage 220- 7, 50Hz Frequency 50Hz Includes Chuck key	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
4	Mechanic Di	esel i	MD-E029	Radiator cut section-cross flow	construction core (fi	nodel is made out of original NEW part, will be ly sectioned to demonstrate the internal uction details showing the minute information or cut section-showing cross flow, side tank, radiator ins) and radiator cap, the model will be suitably d and mounted on a metal stand.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
+				Radiator cut section-down	constru	odel is made out of original NEW part, will be y sectioned to demonstrate the internal action details showing the minute information	0 0												+	+			_
	Mechanic Die		f	low	core (fir painted	ns) and radiator cap, the model will be suitably and mounted on a metal stand.				0	0	0 0) (0	٥	0	0	1	0	1	
-	Mechanic Dies	el M	D-E031 R	adiator pressure cap	core (fir painted The Rad Basewiti	and radiator cap, the model will be suitably and mounted on a metal stand. liator pressure cap will be mounted on wooden	0 0			0	0 0										0	2	

	8				_	_	_		NAI	MEC	OF TI	HE IT	1 & 0	QUAI	NTIT	Y				
No.	Trade	Item Code	Name of the Equipment/ Machinery	Specification	ıjam	pppili	(p),	ıkinada	imavaram	jayawada	nali	ys, Ongole	ys Nellore	is, Nellore	da	ittoor	rupathi	isailam	Chakrayapeta	Total Quantity Required
				45	Govt. ITI, Rajam	Govt. ITI, Bobbili	Govt. ITI (Old),	Govt. ITI, Kakinada	Govt. ITI, Bhimavaram	Govt. ITI, Vijayawada	Govt. ITI, Tenali	Govt. ITI Boys, Ongole	Govt. ITI, Boys Nellore	Govt. ITI Girls, Nellore	Govt. ITI, Tada	Govt. ITI, Chittoor	Govt. ITI, Tirupathi	Govt. ITI, Srisailam	Govt. ITI, CI	Total
89	Mechanic Diesel	MD-E034	Tandem master cylinder with booster	This Tandem master cylinder with booster is to be used with Working model of Tandem master cylinder with booster NEW Tandem master cylinderbooster assemblypiston. Pistonspring primary cup secondary cupstop booster stop washer check valves rubber valve seat. Push rod Reservoir tank pipe fiber cap warring light switch with vacuum servo operating through a alternator vacuum pumpwhich will be operated by an Electronic Motor, the entire system will be mounted on tosturdy iron frame. (cut section on board)	0	0	0	0	0	0	0	o	0	0	0	0	0	4	0	4
90	Mechanic Diesel	MD-E035	Temperature gauge with sensor	0-100 OC	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
91	Mechanic Diesel	MD-E036	Turbocharger cut sectional	Cut Section Model of Turbocharger of Automobile suitably Painted and Mounted on Wooden Board	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
92	Mechanic Diesel	MD-E037	Water pump for dismantling	The water pump will be mounted on wooden Basewith	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4
.93	Mechanic Diesel	MD-E038	assembling Bench lever shears	NEW Parts. 250mm Blade x 3 mm capacity		0	0	0	0			0	0	0	0	0	0	1	1	2
.94	Mechanic Diesel	MD-E039	Diesel Engine – CRDI - 4 stroke for Dismantling and assembling with	life size Name of the Item: Diesel Engine (Running condition) Stationary type Technical Specifications: Engine displacement :-2500 cc Diesel engine (Running condition) Stationary type, 4 cylinder (New) Features:Standard ISI Certified Warranty:One year with caster wheels movable stand	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
95	Mechanic Diesel	MD-E040	condition) Stationary type	Diesel Engine (Running condition) Stationary type Technical Specifications: Engine displacement :-2500 cc Diesel engine (Running condition) Stationary type, 4 cylinder (New) Features:Standard ISI Certified Warranty:One year with stand	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
96	Mechanic Diesel	MD-E041	Working Condition of Diesel Engine – CRDI - 4 stroke Engine, Assembly with fault simulation board	Latest 4 Stroke 4 cylinder turbo charged CRDI Engine,1100- 2200cc with ECM, BCM and sensors, wiring, fuel feed, cooling system, instrument cluster with Fault setting bank for minimum 8 sensors and with diagnostic socket to read the faults. Engine management circuit diagram to be printed on the panel board.	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	3
.97	Mechanic Diesel	MD-E042			0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	4
.98	Mechanic Diesel	MD-E043	Trunning condition	Diesel Engine (Running condition) Stationary type Technical Specifications: Engine displacement:-2500 cc Diesel engine (Running condition) Stationary type, 4 cylinder (New) Features:Standard ISI Certified Warranty:One year with stand	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	3
199	Mechanic Diesel	MD-E044	Fuel injection test bench for calibration of fuel pump	test bench capable of accurately testing and calibrating all types of diesel fuel injection pumps including Common rail / CRDI pumps and injectors up to 6 cylinders Main Motor 5 HP, 7.53 Phase, 440 V / 220 V, 50 Cycles in 8 Cylinders & 7.5HP, 3 Phase, 440 V, 50 Cycles in 12 Cylinde	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
200	Mechanic Diesel	MD-E045	Automotive exhaust 5 gas analyser (petrol & Diesel) or Diesel Smokemeter	Name of the Item: Automotive exhaust 5 gas analyzer (petrol & Diesel) Technical Specifications: Features: 32 bit microprocessor based exhaust gas Analyzer, Easy to use bench top design, declaration of conformity to OIML, class 9 ISO 3930, ideal for fault finding and regulated testing measure, Co,HC,Co2, O2 and Lambda, Fast warm up time and fast response time , RPM and oil Temperature Measurement, Print result via RS 232 and CNG Vehicles. Product standard :OIML class 0, ISO 3930 PC with monitor 21" & colour printer to be supplied as 5td accessory. Measured Gases: Using NDIR bench CO/COs/HC using electrode -chemical cells, O2 Lambda: 0.5-2 0 power supply: 100-300 V/I Ph/50-60 Hz RPM: 2,4 stroke, DIS 2-12 cylinder warm up time 120 sec. Fuel type: Petrol, LPG, CNG weight: 5 kg (approx) probe insertion length: 300mm Ambient operating Range + 5 deg to +45 deg ARAI approved, CE certified and ISO certified. Features:Standard ISI Certified Warranty: One year Manuals: English language user manual to be provided. Training: In house training to be provided to the Instructors of the Institute.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
201	Mechanic Diesel	MD-E046	Discrete Component Trainer / Basic Electronics Trainer	Electrical& Electronic System Trainer, Master/Main Unit(full spec) consisting of multi O/P Power Supplies, 8 Combinations of measurment using 3DPMs, FGs, Probe pulsar (2No.), AC Meter(A/V), logic switches/indicators etc.Model - XPO-CT + Discrete component Panel (DCP) + Semiconductor & Power semiconductor devices experiment panel (P3). Discrete Component (for diode and transistor circuit) with regulated power supply +5,0-5 V,+12,0-12 V	0	o	0	0	0	0	0	1	0	0	0	0	0	1	0	2
202	Mechanic Diesel	MD-E047	Drilling machine bench to drill up to 12mm dia along with	bench to drill up to 12mm dia ,1 HP Motor with Drill chuck and 100mm machine vice with concrete bed	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
203	Mechanic Diesel	MD-E048	accessories Dual Magnetization Yoke	AC / HWDC, 230 VAC, 50Hz A/D (AC/HWDC 230V) Package Dual Magnetization Yoke Including Standard Accessories: Thermacol Moulded Carrying Case – 1 No.ASTM Test Block – 1 No Pie Gauge – 01 NoPuffer Bulb – 1 NoDry Magnetic Powder –1 Kg Operations Manual With Test & Calibration Certificate	1		0	0	C	0	0	1	0	0	0	0	0	1	0	2

				OF THE STATE OF TH															
SI.No.	Trade	Item Code	Name of the Equipment/ Machinery	Specification	Govt. ITI, Rajam	Govt. ITI, Bobbili	Govt. ITI (Old),	Visakhabatnam Govt ITI Kakinada		Govt. III, Bnimavaram	Govt. ITI. Tenali	Govt. ITI Bovs. Ongole	Govt ITI Boys Nellore	2000	GOVT. III GIFTS, Nellore	Govt. ITI. Chittoor	Govt. ITI, Tirupathi	Govt. ITI, Srisailam	
204	Mechanic Diesel	MD-E049	Grinding machine (general purpose) D.E. pedestal with 300 mm dia. wheels rough an smooth	Minimum specifications as:- Type - Pedestal; Grinding Machine Voltage - 400-440 Volt Material - Cast Iron Grinding Wheel Speed Grinding Wheel Size - 300X50mm Wheel Center distance Center height - 940-1020mm Motor - 2HP, 3Phase Working Speed - 2800 RPM Control System - Manual	0	0	0	0		0 0	0	0	0		0 0) 1	0	1	
205	Mechanic Diesel	MD-E050	Arbor press hand operated 2 ton capacity	Extract maximum pressure of 2 Ton ,Centre to back distance shoulsd be 190 to 200 mm,maximum Height plate 340 -350 mm,Arbor round and square 44.4 mm -50mm ,weight 90 kg Approx	0	0	0	0		0 0	0	0	C)	0 0	0	0	1	
206	Mechanic Diesel	MD-E051	Multi Scan Tool with oscilloscope	Name of the Item: Multi Scan Tool with oscilloscope Technical Specifications: Car, Van & Asian Truck, 12v & 24v- Includes 2 years software update- Operates with all protocols including canbus- intuitive navigation and easy to use: Menu selection & Auto search system- Fault code read & clear- Live data & one hour flight record capability- Actuator operation and coding: Graphing functions- 16pin diagnostic cable included - Optional Asian and truck adapters- 12v or 24v power supply- Faster updating speeds- WinCE 6.0 Operating System- Powerful Cortex As 16Hz/Cortex M3 120MHz processor- 7" High resolution LCD (1024x600P)- Wireless connectivity- 32GB Memory- J2534 Path-thru hardware- TPMS Support (Optional). Includes 2 Years Software & 1 Year Warranty. Including all cars manufacturers Asian, American, European Etc.Features- Large range and depth of software Korean, Asian, European, USA & Australian included-Menu vehicle selection, auto ECU scan, General search- Quick searching- Screen capture and memo for report reference- Flight Record replay in numeric or graphical form- ECU coding and programming- Real-time live data text capture- Log-on data transfer for quick feedback- Vehicle maintenance information (in development)Scan Functions- EMS, Airbag, ABS, Body control, Dashboard, Chassis, Comfort, Immobiliser, Diesel, etc. Self-diagnosis, fault code read, store and clear- Live data display, digital, graphic, min & max & store- Actuator test and activation-flight record- Service light reset, warning light reset, Coding and adaptation Standard -ISI Certified Warranty: 2 years Manuals: English language user manual to be provided. Training: In house training to be provided to the Instructors of the Institute.	0	0	0	0		0 0	0	0	0		0	0	0	1	
207	Mechanic Diesel	MD-E052	Pipe Bending Machine (Hydraulic type)	3.5-50 MM Pipe Diameter With One Set of Steel Casting Formers [7 Pcs] 10-12-14-16-18-20-22 mm Power - Hydraulic, Max.Bending Rdious: 3.5-50mm Motor - 750W Pipe Wall Thickness: 2.75mm Min Bending Shoes:1/2" Min Bending Capacity:"12mm Mon Max Pressure:13T	0	0	0	0		0	0	0	0	(0 0	0	0	1	
208	Mechanic Diesel	MD-E053	Pneumatic rivet gun with standard accessories	Name of the Item: Pneumatic rivet gun Technical Specifications: A Pneumatic rivet gun having following specifications: Air pressure 5-7 Bar (75 to 100lbs/inch square) (minimum- maximum, free air volume required 8 ltrs (.28 ft cube) (@ 5 bar/75 lbs/inch square), stroke max. 7mm (.276 inch), motor speed spin on 2000 rpm spin off 2000rpm, pull force @ 5 bar / 75 lbs inch square 19.1 km (4300 lbs), cycle time approximately 2.5 secs noise leve less than 75 db (a), vibration less than 2.5 m/s square (8 fts square) complete with standard accessories. Features:Standard ISI Certified Warranty:One year		0	0	0	0	0	0	0	0	C	0	0	0	2	
209	Mechanic Diesel	MD-E054	Spring tension tester	Width of sheet max. 48" Thickness of sheet max. 14 swg.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	-
210	Mechanic Diesel	MD-E055	Trolley type portable air compressor	standard make along with 1HP single phase motor Name of the Item: Air compressor single cylinder Technical Specifications: Trolley type portable air compressor single cylinder with 45 liters capacity Air tank, along with accessories & with working pressure 6.5 kg/sq cm Features: Standard ISI Certified Warranty: One year Manuals: English language user manual to be provided.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
211	Mechanic Diesel	MD-E056	Electrical test bench	1. Motor2 hp threephase 1500rpm 2. Digital dc voltmeter of 3.5 digit display with minimum readable upto 0.1 volt of meco make 3. Digital dc ammeter for load of 3.5 digit display with minimum readable upto 1 amp of meco make. 4. Digital make rpm indicator 0.5000rpm of selectron make 5. Speed sensor for sensing starter speed 6. Alternator loading through heavy duty cam operated rotary switches for withstanding high current for endurance testing. A total of eight steps or more (0 - 120 A) has been provided for alternator loading. 6. Two directional rugged mounting arrangement to suit your various range of alternators. 7 Provision for two speedcheck with two set of pulley and belts 8 "starter test capacity 150amps from internal source" 9 110 v series lamp test facility also available. 10.alternator rpm checking facility from speed sensor, provision for "W terminal" meter to check w terminal voltage for alternator 11. "battery charging current meter" to check battery current.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
212	Mechanic Diesel		Fuel injection test bench for talibration of fuel pump	est bench capable of accurately testing and calibrating all types of diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

	Trade	item Code	Name of the Equipment/ Machinery	Specification	_	_	_	_	MAM	E OI	TH	E ITI	& Q	UAN	TITY			Т	\dashv	Total Quantity Required
No.					Govt. ITI, Rajam	Govt. ITI, Bobbili	Visakhapatnam	Govt. ITI, Kakinada	Govt. ITI, Bhimavaram	Govt. ITI, Vijayawada	Govt. ITI, Tenali	Govt. ITI Boys, Ongole	Govt. ITI, Boys Nellore	Govt. ITI Girls, Nellore	Govt. ITI, Tada	Govt. ITI, Chittoor	Govt. ITI, Tirupathi	Govt. ITI, Srisailam	Govt. ITI, Chakrayapeta	
13	Mechanic Diesel	MD-E058	Gas Welding Table	1220mm x760mm Name of the Item: Gas Welding Table Technical Specifications: Suitable Gas Welding Table size 1220mm x760mm made with 40x40x5mm angle iron and top tray covered with 5mm M S sheet, with positioner suitable for all weld positions. Top tray covered with refractory bricks with all accessories as per IS specifications. Features: Standard ISI Certified Warranty: One year	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
14	Mechanic Diesel	MD-E059	Hydraulic jack HI-LIFT type -3 ton capacity, and 5 Ton capacity	Name of the Item: Hydraulic jack Technical Specifications: Hydraulic jack HI-LIFT type , 3 Ton capacity Features:Standard ISI Certified Warranty:One year(one each)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
15	Mechanic Diesel	MD-E060	Instructors lap top	17 ,8GB ram Windows 11 Multy media enabled 21 inch monitor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
16	Mechanic Diesel	MD-E061	Liquid penetrate Inspection kit	3 bottle set 280ml	0	0	0	0	0	0	0	0	0	0		0	0	0	0 2	2
17	Mechanic Diesel	MD-E062	Oscilloscope 20MHz	Ref: Annexure-2-vi	0	0	0	0	10	1	0	-	1	Ť	Ť	1	1			
18	Mechanic Diesel	MD-E063	Starter motor axial type, pre- engagement type & Co-axial type	(1 each) The model of demonstration sectionised model of Starter motor is been made out of original NEW Starter motor. The Starter motor is suitably section to show the internal details. The entire system is been suitably painted and mounted on wooden base.	0	0	0	0	0		0	0	0	0			8	0	1	1
110	Mechanic Diesel	MD-E064	Tin smiths bench folder	600 x 1.6mm	0	0	0	0	0	0	0	0	0	0	1	10	+	1	1	
220	Mechanic Diesel	MD-E065	Work bench	250 x 120 x 60 cm with 4 Workshop work bench made out of 50 X 6mm, branded angle frame with40MMx120CM WOOD PANELS DUALLY PAINTED over 2 coats of priemer with 4 no.s vicesof IS standards with 3 years warranty.	0	0		0	0											10

Sd/- B.Lavanya Veni, DIRECTOR

PRIME