

**INDUSTRIAL TRAINING DEPARTMENT  
(KERALA STATE)**

E4/40381//2014

KSHB, Shantinagar  
Thiruvananthapuram-1  
Dated 9/12/2014

**TENDER NOTICE**

Sealed competitive tenders are invited for the supply of tools, equipments and machinery required for getting affiliation of various trades of ITIs in the state. The details are given below.

Sl No	Tender No & Items	Last Date & Time of sale of Tender	Last Date and Time of receipt of sealed Tender	Date and time of opening sealed Tender	Cost of Form (including 5 % VAT)						Earnest Money Deposit
					Original (Rs)			Duplicate (Rs)			
					Cost of Tender Form	VAT @ 5%	Total Cost	Cost of Tender Form	VAT @ 5%	Total Cost	
1	E4 / 227/14 Tools & Plants requirement - General Machines for Mechanical Diesel Trade	9.1.15 3.00PM	09.01.15 5.00 PM	10.01.15 11.AM	600	30	630	300	15	315	3230
2	E 4 /228/14 Tools & Plants requirement - Garage Equipments for Mechanical Diesel Trade	9.1.15 3.00PM	09.01.15 5.00 PM	10.01.15 11.AM	1200	60	1260	600	30	630	6001

The cost of the Tender Forms will be accepted only by Cash or Money Order. The Tender should be super scribed with Tender number and date addressed to the Director of Training, Industrial Training Department, KSHB, Shantinagar, Thiruvananthapuram-1. Late Tenders will not be accepted. The above mentioned amount should be enclosed as Earnest Money Deposit. There must be a Validity period of three months from the date of opening the Tenders. Otherwise the Tenders will be summarily rejected. The tenders in original should be accompanied with preliminary agreement in Kerala Stamp Paper worth Rs.100/- (Rupees One Hundred only). Otherwise the Tender will not be considered. The Stamp Paper will be forwarded to the firms outside Kerala if required by remitting Rs.125/- (Rupees One Hundred and Twenty Five Only) separate by Money Order (Rs 25/- is intended to cover postage and incidental expenses). Detailed specification of items required can be obtained from the office of the undersigned during office hours. The tendered items must have ISI/BIS specification, otherwise the Tender will not be considered. The details are available in the website [www.det.kerala.gov.in](http://www.det.kerala.gov.in), [www.kerala.gov.in/tender](http://www.kerala.gov.in/tender).

Sd/-  
DIRECTOR OF TRAINING

// Approved for Issue

  
Additional Director of Training//

# വ്യാവസായിക പരിശീലന വകുപ്പ്

(കേരള സംസ്ഥാനം)

നം.ഇ4/40381/14

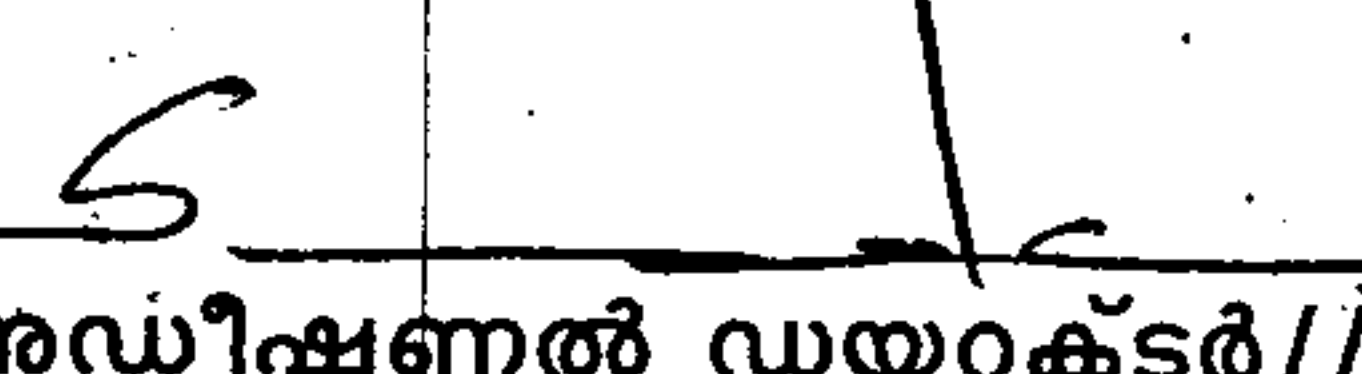
ട്രെയിനിംഗ് ഡയറക്ടറേറ്റ്, കെ.എസ്.എച്ച്.ബി,  
ശാന്തിനഗർ, തിരുവനന്തപുരം-01,  
തീയതി:09.12.2014.

## ദർഘാസ് പരസ്യം

വ്യാവസായിക പരിശീലന വകുപ്പിന്റെ കീഴിൽ പ്രവർത്തിക്കുന്ന ആറ്റിങ്ങൽ ഐ.ടി.ഐ.യിലെ മെക്കാനിക് ഡീസൽ ട്രേഡിന് അഫിലിയേഷൻ ലഭിക്കുന്നതിന് വേണ്ടി താഴെ കാണുന്ന ടുൾസ് ആന്റ് എക്വീപ്മെന്റ്സ് വിതരണം ചെയ്യാൻ താല്പര്യമുള്ള സ്ഥാപനങ്ങളിൽ നിന്നും മുദ്രവച്ച ദർഘാസുകൾ ക്ഷണിക്കുന്നു.

ക്രമ നം.	ദർഘാസ് നമ്പർ, ഇനം	ദർഘാസ് വിൽപനയുടെ അവസാന തീയതി	ദർഘാസ് സ്വീകരിക്കുന്നതിനുള്ള അവസാന തീയതി	ദർഘാസ് തുറക്കുന്ന തീയതി	ദർഘാസിന്റെ വില (5% വാറ്റ് ഉൾപ്പെടെ)						നിരതദ്രവ്യം
					ഒറിജിനൽ			ഡ്യൂപ്ലിക്കേറ്റ്			
					ദർഘാസിന്റെ വില	വാറ്റ് 5%	ആകെ വില	ദർഘാസിന്റെ വില	വാറ്റ് 5%	ആകെ വില	
1	2	3	4	5	6						7
1	ഇ4/227/14 ടുൾസ് & പ്ലാന്റ്സ് - മെക്കാനിക്കൽ ഡീസൽ ട്രേഡിലേക്ക് ജനറൽ മെഷീനുകൾ	09.01.2015 3 P M	09.01.2015 5 P M	10.01.2015 11 A M	600	30	630	300	15	315	3230
2	ഇ4/228/14 ടുൾസ് & പ്ലാന്റ്സ് - മെക്കാനിക്കൽ ഡീസൽ ട്രേഡിലേക്ക് ഗ്യാരേജ് എക്വീപ്മെന്റ്സ്	09.01.2015 3 P M	09.01.2015 5 P M	10.01.2015 11 A M	1200	60	1260	600	30	630	6001

ദർഘാസ് വില പണമായിട്ടോ മണിയോർഡറായിട്ടോ മാത്രമേ സ്വീകരിക്കുകയുള്ളൂ. ദർഘാസ് നമ്പർ, തീയതി എന്നിവ രേഖപ്പെടുത്തി. മുദ്രവച്ച കവറുകൾ ഡയറക്ടർ, വ്യാവസായിക പരിശീലന വകുപ്പ്, ഹൗസിംഗ് ബോർഡ് ബിൽഡിംഗ്, ശാന്തി നഗർ, തിരുവനന്തപുരം-01 എന്ന വിലാസത്തിൽ അയയ്ക്കേണ്ടതാണ്. താമസിച്ച് ലഭിക്കുന്ന ദർഘാസുകൾ പരിഗണിക്കുന്നതല്ല. ഒറിജിനൽ ദർഘാസ് പ്രമാണത്തോടൊപ്പം മേൽ പറഞ്ഞ തുക നിരതദ്രവ്യമായും 100/- രൂപ (നൂറ് രൂപ മാത്രം) വിലയുള്ള കേരള സർക്കാർ മുദ്ര പത്രത്തിൽ പ്രാഥമിക കരാർ പത്രവും ഉണ്ടായിരിക്കേണ്ടതാണ്. ദർഘാസ് തുറക്കുന്ന തീയതി മുതൽ മൂന്ന് മാസം വരെ വിലനിരക്ക് പ്രാബല്യത്തിൽ ഉണ്ടായിരിക്കണം. അല്ലാത്ത ദർഘാസുകൾ യാതൊരു കാരണവശാലും പരിഗണിക്കുന്നതല്ല. കേരളത്തിന് പുറത്തുള്ള കമ്പനികൾക്ക് മുദ്രപത്രം ആവശ്യമുണ്ടെങ്കിൽ 125/- രൂപ (നൂറ്റി-ഇരുപത്തി അഞ്ച് രൂപ മാത്രം) മണിയോർഡറായി അയച്ചുതന്നാൽ ഈ ആഫീസിൽ നിന്നും മുദ്രപത്രം വാങ്ങി അയച്ചുതരുന്നതാണ് (മണിയോർഡർ മാത്രമേ സ്വീകരിക്കുകയുള്ളൂ). ദർഘാസ് പ്രമാണം കൈമാറ്റം ചെയ്യുവാൻ പാടുള്ളതല്ല. ദർഘാസ് സമർപ്പിക്കുന്ന ഐറ്റങ്ങളിൽ ISI/BIS സ്പെസിഫിക്കേഷൻ ഉള്ളവയ്ക്ക് മുൻഗണന നൽകുന്നതാണ്. വിശദവിവരങ്ങൾ [www.det.kerala.gov.in](http://www.det.kerala.gov.in), [www.kerala.gov.in/tender](http://www.kerala.gov.in/tender) എന്നീ വെബ്സൈറ്റുകളിൽ ലഭ്യമാണ്.

(ഒപ്പ്)  
ട്രെയിനിംഗ് ഡയറക്ടർ  
//അംഗീകാരത്തോടെ  
  
അഡീഷണൽ ഡയറക്ടർ//

## Tender No E4/227/14

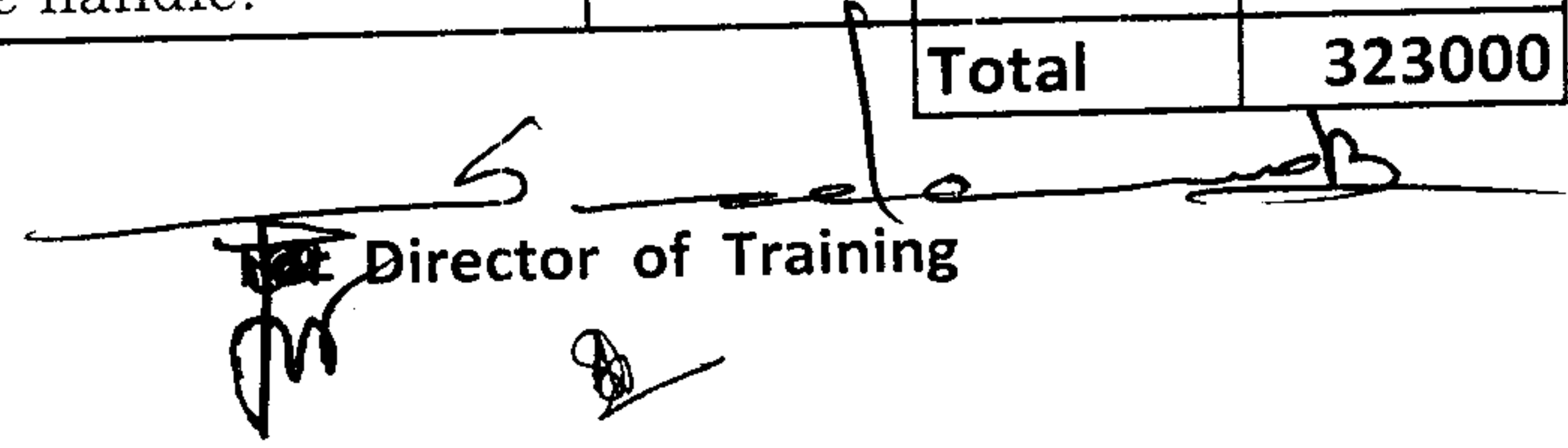
### Pack- 3 General Machines

Sl. No.	Name of the Item as per syllabus	Recommended Specification	Quantity Required as per syllabus for 2 (1+1) Units	Rate (In Rupees)	Amount (In Rupees)
1	Steel tool box with lock and key (folding type)400x200x150 mm	Steel tool box with lock and key (folding type) 400x200x150 mm Corrosion resistant type, 22 gauge thickness.	12	800	9600
2	Air blow gun with standard accessories	Air blow gun With trigger operated, and nozzles	1	600	600
3	Air impact wrench with standard accessories	Air impact wrench Medium duty type with all accessories.	4	7000	28000
4	Air ratchet with standard accessories	Air ratchet Medium duty type with all accessories.	4	6000	24000
5	Angle plate adjustable 250x150	Angle plate adjustable 250x150x175 With angle setting facility	1	1200	1200
6	Angle plate adjustable 200x100	Angle plate size 200x100x200mm With angle setting facility	2	1000	2000
7	Anvil 50 Kgs with Stand	Single horn type, Alloy steel made	1	3000	3000
8	Cleaning tray 45x30 cm	Cleaning tray 45x30 cm.Leak proof, corrosion resistant type and 22 gauge thickness.	4	200	800
9	Depth micrometer 0-25mm	Analog type, Least count 0.01mm, with all accessories in a box (Mitutoyo/Equivalent make)	4	8000	32000
10	Dial gauge type 1 Gr. A (complete with clamping devices and with magnetic stand)	Dial gauge type 1 Gr. A (complete with clamping devices and stand) International standard, Least count 0.01mm with all accessories. (Mitutoyo/Equivalent make)	4	1500	6000
11.	Granite surface plate 1600 x 1000mm with stand and cover	Granite surface plate 1600 x 1000x100mm With (suitable metal stand of height- 120cm) and cover, Mirror Finished top,	1	15000	15000

12	Magnifying glass 75mm	Magnifying glass 75mm Shatter resistant type with protecting cover	2	200	400
13	Marking out table 90X60X90 cm.	Marking out table 90X60X90 cm With Mild Steel ribbed legs and. 2mm metal level, finished top, Paint coated..	1	16000	16000
14	Oil can 0.5 liter capacity	Oil can- 0.5 liter capacity, Hand type.	4	150	600
15	Oil Stone 15 cm x 5 cm x 2.5 cm	Oil Stone 15 cm x 5 cm x 2.5 cm With rough and smooth sides.	1	150	150
16	Outside micrometer 0 to 25 mm	Analog type, Least count 0.01mm, with all accessories in a box (Mitutoyo/Equivalent make)	4	2000	8000
17	Outside micrometer 25 to 50 mm	Analog type, Least count 0.01mm, with all accessories in a box (Mitutoyo/Equivalent make)	4	2500	10000
18	Outside micrometer 50 to 75 mm	Analog type, Least count 0.01mm, with all accessories in a box (Mitutoyo/Equivalent make)	1	3000	3000
19	Outside micrometer 75 to 100 mm	Analog type, Least count 0.01mm, with all accessories in a box (Mitutoyo/Equivalent make)	1	3500	3500
20	Pipe cutting tool	Pipe cutting tool Medium duty type.	2	600	1200
21	Pipe flaring tool	Pipe flaring tool Medium duty type.	2	600	1200
22	Portable electric drill Machine	Portable electric drill Machine Max: drill size Dia: 12mm with chuck key, Insulated handles and accessories. Max: speed between 1800 and 2200rpm. New	1	2500	2500
23	Scriber with scribing block universal	Scriber with scribing block universal With solid base, swivel pole and all accessories. (Universal scriber block)	2	200	400
24	Set of stock and dies Metric	Set of stock and dies - UNC, UNF and metric, HSS made with suitable sets of dies, complete set.	2	1200	2400

25	Shear Tin Man's 450 mm x 600mm	With suitable handle.	2	600	1200
26	Sher Tinmans 300mm	With suitable handle.	4	450	1800
27	Solid Parallels in pairs (Different size) in Metric	Solid Parallels in pairs (Different size) in Metric Steel made with wing nut holding. 5mm-20mm (4 different sizes)	2	125	250
28	Straight edge gauge 2 ft.	Straight edge gauge 2 ft. Stainless steel, 5mm thick	2	6000	12000
29	Straight edge gauge 4 ft.	Straight edge gauge 4 ft. Stainless steel, 5mm thick	2	8000	16000
30	Stud extractor set of 3	Stud extractor set of 3 With handle.	2	150	300
31	Stud remover with socket handle	Stud remover with socket handle With all accessories.	1	200	200
32	Surface gauge with dial test indicator plunger type i.e. 0.01 mm	Surface gauge with dial test indicator plunger type, Least count- 0.01 mm Solid base, with all accessories. (Mitutoyo/Equivalent make)	4	1200	4800
33	Taps and Dies complete sets (5 types)	Taps and Dies complete sets (5 types) HSS made, BA,BSW, BSF, American and Metric threads	1	3500	3500
34	Taps and wrenches - Metric	Taps and wrenches - metric HSS with suitable sets of taps, complete set.	2	3000	6000
35	Universal puller for removing pulleys, bearings	Universal puller for removing pulleys, bearings 3 leg type, max: spread, 250mm and 350mm	1	750	750
36	V' Block 75 x 38 mm pair with Clamps	'V' Block 75 x 38 mm pair with Clamps Steel made with two blocks and two clamps	2	450	900
37	vernier caliper 0-300 mm with least count 0.02mm	Analog type, Least count 0.02mm, with all accessories in a box (Mitutoyo/Equivalent make)	4	2500	10000
38	Parallel jaw bench vices 12cm Jaw	Cast iron made, With handles	16	2000	32000
39	Arbor press hand operated 2 ton capacity	Bench type with suitable handle	1	6000	6000
40	Bench lever shears 250mm Blade x 3mm Capacity	With suitable handle.	1	1250	1250

41	Drilling machine bench to drill up to 12mm dia along with accessories	Drilling machine bench to drill up to 12mm dia along with accessories Three phase, Speed between 1800 and 2200 rpm, with chuck key and other all accessories. (HMT/Equivalent make)	1	12000	12000
42	Dual Magnetization Yoke : AC / HWDC, 230 VAC, 50Hz	HWDC for subsurface flaw detection, Lifting capacity 27 kgs in DC, 5 kgs in AC mode. Portable MPI Units	1	12000	12000
43	Grinding machine (general purpose) D.E. pedestal with 300 mm dia wheels rough and smooth	Bench type, Single phase, AC, 230v, 50Hz, with rotary switch. (H.M.T/Black and decker/Crompton greaves/Equivalent make)	1	18000	18000
44	Liquid penetrant Inspection kit	Cleaner, Developer and remover in aerosol can.	1	1500	1500
45	Pipe Bending Machine (Hydraulic type) 12mm to 30mm	Pipe Bending Machine (Hydraulic type) 12mm to 30mm Manual type	1	3000	3000
46	Pneumatic rivet gun with standard accessories	1/4" Air hydraulic rivetter	2	2000	4000
47	Spring tension tester	Spring tension tester Bench type	1	2000	2000
48	Tin smiths bench folder 600 x 1.6mm	With suitable handle.	1	2000	2000
				<b>Total</b>	<b>323000</b>

  
 Director of Training

**Tender No E4/228/14**

**Pack- 4 Garage Equipmants**

Sl. No.	Name of the Item as per	Recommended	Quantity	Rate	Amount
1	Spanners socket with speed	CRV steel made, complete set	12	3000	36000
2	Auto Electrical test bench	Auto Electrical test bench Single phase, Table top type with vacuum testing facility, with suitable battery. (BOSCH/Equivalent make)	1	85000	85000
3	Belt Tensioner gauge	Belt Tensioner Gauge Medium duty type, With all accessories.	1	1000	1000
4	Car Jet washer with standard accessories	Car Jet washer Single phase, trolley type, suitable to connect with pipe lines, washer hose with 10mtrs long, 500litres tank, trigger type nozzle and all accessories.(Bosch/Equivalent make)	1	10000	10000
5	Chain Pulley Block-3 ton capacity with tripod stand	3 leg, 350cm maximum height	1	3000	3000
6	Compression testing gauge suitable for diesel Engine with standard accessories	Compression testing gauge suitable for Diesel engine. With diifferent sizes of connectors Suitable for different engines (minimum 4 different types) and pressure holding facility	2	2000	4000
7	Connecting rod alignment fixture	Connecting rod alignment fixture with base All accessories, checking, bent, twist, offset, precision ground surface, connecting rod without piston v-block, bent and twist indicator, bending bar with aligner. New	1	4000	4000
8	Cylinder bore gauge capacity 20 to 160 mm	Cylinder bore gauge capacity 20 to 160 mm With measuring head, extension rods, and all accessories. (Mitutoyo/Yamayo/Baker/Equivalent make)	4	5000	20000
9	Engineers stethoscope	Hand held type, With all accessories.	1	1800	1800
10	Feeler gauge 20 blades (metric)	Feeler gauge 20 blades (metric) Selective type with scratch and wear resistant blades.	4	150	600
11	Fuel injection pump dismantling tool kit /Universal Vice	With sockets, Screw divers, Pullers and all accessories suitable for overhauling Jerk type and Rotary type pumps)	1	18000	18000
12	Glow plug tester	Digital Glow plug Analyser.	2	2000	4000

13	Grease Gun	Grease Gun Medium type, 1000ml	2	350	700
14	Grease Gun heavy duty trolley type 10 kg capacity	With 3mtrs hose and trigger gun.	1	3500	3500
15	Growler	Growler Single phase, table top type. Growler with Probes & voltmeter Armature testing dia above 35 for adjusting 6V/12V, 24V system. 0-30 Volt, Ammeter - 0 - 100 A, New	2	4000	8000
16	Injector cleaning unit	With all accessories and wire brush in a suitable box	1	800	800
17	Injector testing set (Hand tester)	Bench Fitted type with all accessories, Gauges, Multiple pipes and mounting bolts.	1	7500	7500
18	Lifting jack screw type 3 ton, 5ton & 20 Ton capacity	With Suitable levers (One each)	1	4000	4000
19	Magneto spanner set with 8 spanners	Magneto spanner set with 8 spanners Metric, holded in a single pin joint.	1	90	90
20	Piston ring compressor	Vehicular, Medium duty type	2	250	500
21	Piston Ring expander and remover.	Vehicular, Medium duty type	2	250	500
22	Piston Ring groove cleaner.	Vehicular, Medium duty type	1	250	250
23	Spark plug spanner 14mm x 18mm x Size	Spark plug spanner 14mm x 18mm x Size With handle.	2	150	300
24	Tachometer (Counting type)	Tachometer Analog type with all accessories.	1	4000	4000
25	Telescope gauge	(Mitutoyo/Yamayo/Baker/Equivalent make)	4	1200	4800
26	Timing lighter	DC three lead type.	2	2500	5000
27	Torque wrenches 5-35 Nm, 12-68 Nm & 50-225 Nm	Torque wrenches 5-35 Nm, 12-68 Nm & 50-225 Nm Pre adjustable type, three nos in a set.	1	12000	12000
28	Tyre pressure gauge with holding nipple	Tyre pressure gauge with holding nipple Dial type, Branded	2	250	500
29	Vacuum gauge to read 0 to 760 mm of Hg.	Vacuum gauge to read 0 to 760 mm of Hg. With all accessories	2	1200	2400
30	Valve Lifter	Valve Lifter C- type	1	450	450
31	Valve spring compressor universal	Heavy duty OHV type.	1	450	450
32	Automotive exhaust 5 gas analyzer (petrol & Diesel) or Diesel Smoke meter	Smoke meter (Diesel) with exhaust gas probe - 4 meter Ø 16 mm, Oil temperature sensor-0 - 150 °C, Measuring cell temp- 0 - 100 °C. And Exhaust gas analyser (Petrol) 5 gas type. (One each)	1	80000	80000
33	Hydraulic jack HI-LIFT type - 3 ton capacity, and 5 Ton capacity	With suitable levers (One each)	1	12000	12000



34	Multi Scan Tool with oscilloscope	Multi scan tool /ECU diagnostics kit With suitable cables and adapters for different vehicles, Multi-brand softwares for different complete scan of vehicles (min: 8 diff: types adapters and softwares). With carry case, (Multi Scan/Equivalent make) New	1	250000	250000
35	Trolley type portable air compressor single cylinder with 45 liters capacity Air tank, along with accessories & with working pressure 6.5 kg/sq cm	Trolley type portable air compressor single cylinder with 45 liters capacity Air tank, along with accessories & with working pressure 6.5 kg/sq cm 3 phase, with electrical supply wires, min: 8 mtrs of compressor hose. New.(ELGI/Equivalent make)	1	15000	15000
				<b>Total</b>	<b>600140</b>

*[Signature]*  
 Director of Training