

No. EDN-HE (17)-64/2012-Voc.
Directorate of Higher Education
Himachal Pradesh, Shimla.

Dated, Shimla-171001 the 20th January, 2014

To

The Principals,
100 Government Senior Secondary Schools
under NVEQF Himachal Pradesh.

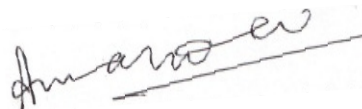
Subject: Regarding establishment of Lab/Workshop for Vocational Education under NVEQF.

Memo,

In continuation to this office letter of even No. dated 4th January, 2014 on the subject cited above.

In this connection, find enclosed herewith the list of the materials & equipments for Vocational Labs/Workshops with the direction to collect all the materials/equipments mentioned in the list. After verification of the materials & equipments, stock entry should be made properly and duplicate bills/delivery note be submitted to the undersigned duly authenticated by the head of Institution.

Encls: a/a



(Dr. Amar Dev)
Jt. Director of Higher Education(C)
Himachal Pradesh

List of Lab Equipments & Materials

Automobile Labs (49GSSS) Supplier Name :M/s Sagar Industries, Ferozpur (Punjab)

Sr.	Tool/Equipment	Quantity
1	Al en Key Set	2 Sets
2	Bal Pean Hammer	2 Nos
3	Box Spanner Set 24 pc. Set 19 sockets+ 5 accessories	2 Sets
4	Cutting Pliers	2 Nos
5	Double Ended Spanner Set 6x7 to 30x32	2 Sets
6	External Expanding Circlip Plier	2 Nos
7	Files	1 Set
8	Internal Expanding Circlip Plier	2 Nos
9	Monkey Plier	2 Nos
10	Nose Plier	2 Nos
11	Plastic Hammer	2 Nos
12	Punch	2 Nos
13	Ring Spanner Set 6x7 to 30x32	2 Sets
14	Screw Drivers (Range)	2 Sets
15	Tubular Spanner (Range)	2 Sets
16	Wrench pipe	1 No
17	Measuring Tape	1 No
18	Bore Gauge	1 No
19	Depth Gauge	1 No
20	Dial Gauge	1 No
21	External Caliper	2 Nos
22	External Tube Type Wheel Al igner	1 No
23	Feeler Gauge (Range Set)	2 Nos
24	Hydrometer	2 Nos
25	Internal Caliper	2 Nos
26	Micrometer	1 No
27	Multimeter	1 No
28	Steel Rule	2 Nos
29	Torque Wrench	1 No
30	Tyre Pressure Gauge	1 No
31	Vernier Caliper	1 No
32	Filter Adjustable Remover	1 No
33	Injector Cleaning tools kit	1 No
34	Oil Filter Spanner	1 No

35	Universal Pul er	1 No
36	3 Ton Hydraulic Jack (Crockdile Type)	1 No
37	3 Ton Mechanical Jack	1 No
38	Air Compressor	1 No
39	Arbour Press	1 No
40	Battery Charger	1 No
41	Battery Tester	1 No
42	Bench Vice 5"	1 No
43	Fender Cover	4 Nos
44	Grease Gun	1 No
45	Grinding Machine	1 No
46	Oil Squirit Can (Dispenser)	2 Nos
47	Pneumatic Gun	1No.
48	Props	6 Nos
49	Seat Cover	2 Nos
50	Spark Plug Cleaner Machine	1 No
51	Tool Board	1 No
52	Apron	60 Nos
53	Cotton waste (Consumable)	10 Kgs
54	Diesel (Consumable)	5 Ltrs.
55	Electrical circuit board - mounted with complete car wiring, lights etc.	1 No
56	Grease (Consumable)	2 Ltrs.
57	McPherson struts	1 No
58	Oil Lubricating (Consumable)	2 Ltrs.
59	Petrol (Consumable)	2 Ltrs.
60	Plastic Container (10 Ltr.)	4 Nos
61	Stock Net (Consumable)	20 Mtrs.
62	Wal charts on Lubrication----detailing ubricant capacity, grade,change period of various units ike Engine,Gearbox,	1 Each
63	Wal charts on various engine systems,like ubrication, Cooling, Fuel, Air intake, and others ike Suspension	1 Set

Healthcare Labs (50 GSSS)Name of Supplier:M/s Amco Industries, Ambala Cantt.

Sl.	Equipment Name	Qty
1	ICU Bed	1
2	Bedside Locker	1
3	Back Rest	1
4	Foot Steps	1
5	Bed Sheet	1
6	Pillow with Pillow cover	1
7	Blanket	1
8	I V Stand	1
9	Oxygen Cylinder with Trolley and two additional keys	1
10	Crash Cart	1
11	Suction Apparatus	1
12	Syringe destroyer	1
13	Syringe Sterilizer	1
14	Needle burner	1
15	Thermometer	1
16	Electronic B.P. Monitoring Machine	1
17	Stethoscope	1
18	Enamel basin	1
19	Rubber sheet	2
20	Draw Sheet	2
21	Air Cushion	2
22	Sand Bag	1
23	Fire Extinguisher	1
24	Weighing Machine	1
25	Oral Care Set	1

	Urinal	
26	a. Male	1
27	b. Female	1
28	Bed Pan	1
	Steel Tray	
29	a. Large	2
30	b. Medium	2
31	c. Small	3
	Steel Basin	
32	a. Large	3
33	b. Medium	3
34	c. Small 3	3
35	Artery Forcep	3
36	Dissecting Forcep	3
37	Scissor	3
38	Steel Plate	2
39	Ambu Mask (Adult)	1
40	AED Trainer with adult pad	1
41	Scoop Stretcher	1
42	Spine Board	1
	Splint	
43	a. Large	3
44	b. Medium	3
45	c. Small	3
	Cervical Collar	
46	a. Large	3
47	b. Medium	3

48	c. Small	3
49	Gloves (disposable) – packet	3
50	Gloves (surgical) – packet	3
51	Liquid Soap Bottle	3
52	Mask – packet	2
53	Mackintosh	2
54	Sponge Cloth	2
55	Wet Wipes – packet	2
56	Black Plastic Bags with Dustbins	5
57	Uro bag	4
58	Sample Collection Bottle	5
59	Gauze Piece (4X4)	5
60	Betadine Solution Bottle	2
61	Cotton Rolls	2
62	Normal Saline Bottle	2
63	Micropore	3
64	Blood Concentrate	2
65	Hydrogen Peroxide Bottle	2
66	Cleaning Solution (Colin)	2
67	Syringe 50 cc/ml	2
68	Transfer forceps	3
69	Ryle's tube	3
70	Vaccutanour(red/black/voilet)	3
71	Tourniquet	2

Retail Labs (25 GSSS) Name Of Supplier: M/s Quality Industrial Corporation, Ambala Cantt.

Sr. No.	Equipment	Quantity	Specification
1	Shelves for Stacking Products	3	Single sided L-W-H 900mm, 450mm,1380
		2	Double Sided L-W-H 1200mm,950mm,1530
2	SHOPPING CART (SMALL SIZE – W15”*L25”*H27”)	2	Rolling wheels and movable,adding a quirky edge to any desk
3	Signage Board Retail (L9’*W3’-Glow Sign) with the name of NVEQF (Full) & School Name	1	Glow sign Board with lit 6x2.5
4	Offer Signages (6” – Round)	4	
5	Big Poster (POS) for offer related advertisement (A4{21cmW*29.7cm H} NVEQF name with school Name)	5	
6	Card Swipping Machine (Base model)	1	
7	Gondolas (4’*2’*2’)	5	
8	Products for display (Dummy cameras & Mobiles)	1	
9	Danglers (6 inch)	10	
10	Coupons & Vouchers (A4)	5	
11	Credit notes (A4)	5	
12	Currency notes of different Denominations	5	
13	Carry Bags (Small)	5	
14	Physical Bill Copy (Small Booklet- 100	1	
15	Bar Code Machine (Base Model)	1	

Security Labs (26GSSS) Name of Supplier:M/s Science & Security System, Ambala Cantt.

S.No	ITEM DESCRIPTION	QTY	Specification
1	HANDHELD METAL DETECTOR	1 No.	Sensitivity-Detects small coin to bigger metal objects, Detects ion-Detects ferrous, non ferrous metals, weapons concealed with ferrite, Battery-Nickle Cadmium rechargeable 4.8 V, Battery charger-Works on 220V AC 50 Hz, Indicators-Audio Alarm, red and yellow LED's for on & low battery sound detection alarm.
2	DOOR FRAME METAL DETECTOR(wooden type)	1 NO.	Metal Detector with good quality wooden frame sunmica finish with in built walk/s op indicators, Detects small arms like pistol, knife, etc concealed on a person even under ferrite rods, Indicators on front-walk, s op & Low Battery, Sensor-Infra Red, Advanced micro processor based induction loop with immunity to electro magnetically noisy environment, inbuilt battery charger, Audio-4 type tone (simple alarm, Loud Alarm, Police Alarm, different tone for ferrite detection), Uniform detection from top to bottom, Control panel along with LED indicators with visual display leds for indicating presence of metals, weapons, IR sensors to avoid alarm indication for metal movement outside the DFMD, IN/Out Counter.
3	UNDER CHASSIS INSPECTION MIRROR	1 NO.	A part and parcel tool for security personnel which helps them to search for explosive material hidden under the vehicle. Specification-Telescopic rod with clean mirror and four caster wheels.
4	RESCUE STRETCHER	1 NO.	Very light in weight as made up of special material, robust and helps in carrying sick and injured patients.
5	EMPTY 9 LTR. WATER CO2 EXTINGUISHER	1 NO.	Fire extinguisher
6	EMPTY 9 LTR. WATER CO2 EXTINGUISHER	1 NO.	Fire extinguisher
7	DRY CHEMICAL POWDER (DCP)TYPE EXTINGUISHER	1 NO.	Fire extinguisher
8	DCP PORTABLETYPE EXTINGUISHER(EMPTY)	1 NO.	Fire extinguisher
9	CO2 FIRE	1 NO.	Fire extinguisher

	EXTINGUISHER(EMPTY)4 .5KG		
10	FIRE DEMO TRAY (3*3FT2"DEPTH)	1NO.	Made up of strong metal sheet of 16 Gaze.
11	FIRE HYDRANT VALVE	1 NO.	Fire extinguisher component
12	FIRE HOSE WITH NOZZLE COUPLING	1 NO.	Fire extinguisher component
13	FIRE FIGHTING HOOK	1 NO.	Fire fighting equipment
14	FIRE FIGHTING HAMMER	1 NO.	Fire fighting equipment
15	FIRE FIGHTING AXE	1 NO.	Fire fighting equipment
16	FIRE BEATER	1NO.	Fire fighting equipment
17	FIRE FIGHTING BUCKETS	1NO.	Fire fighting equipment
18	I CARDA TO INCLUDE SAMPLE/VISITOR/TEMP ORARY/SMART CARDS	1 NO.	Sample cards for demonstration i.e.visitor cards/ID cards and will be used to make understand the students the importance of identity of a person when he is working or doing something in some corporate premises.
19	1SET OF A UNIFORM TO INCLUDE ALL ITEMS WORN BY A SECURITY GUARD.	1 NO.	Security guard uniform will be used for Mannequin.It includes shirt with LOGO of NVEQF,Pant,Socks, Black Shoes,Cap
20	1 COMPLETE FIRST AID KIT/EQUIPMENT	1 SET.	First Aid Box with Big Variety of first aid medical accessories i.e Dettol,band aid of different sizes,Gauze pads,Dressing Bandages,medical tape,crepe bandage,Cotton bal s,safety pins,isopropyl alcohol, Antimicrobial hand wipes,Hydrogen peroxide,Sterile water bottle,Arm sling,Chemical ice pack,Thermometer-Oral and Rectal(Kids),Tweezers,Sterile Gloves,Scissor,s,Oral rehydration salt,Cough Suppressent,Benadryl,Antibiotic ointment,Calamine otion,Paracetamol,Throat Lozen.Sun burn cream,Advil,Torniquet Bandage,Drugs-Cetirizine for Alergies,Aspirin for headache,Digene for Acidity,Vicks vaporub for nasal congestion,D cold total for cough,Isabgol for constipation,Combiflam for sprains.Al

			these items would be in First Aid Box.
21	MODEL OF CCTV (CCTV ,DVR,500GB Hard Disk,Power supply, Connectors,10 mtr wire)	1 NO.	
22	MODEL OF FIRE ALARM SYSTEM	1 SET	A 2 zone system with a control panel with fully automatic system to sense the fire and to alert.
23	MODEL OF SMOKE DETECTOR SYSTEM	1 NO.	It will be attached with the panel of fire alarm system seperately.It detects the smoke in case of fire
24	PUBLIC ADDRESS SYSTEM	1 NO.	Big size, Electric as well as battery operated with public addressable siren.
25	HOOTER & ALARMS	1 NO.	It will be attached with the panel of fire alarm system seperately to generate a loud sound in case of emergency
26	WIRELESS RADIO SET 2 PC. OF WAKI-TAKKI	1 Pair	Original wireless Talk PRO walki-Takki with minimum 2 Km Range.
27	TRAINING CHARTS	1NO.	3 training charts with wooden and glass frame
28	SEAT HARNESS	1 NO.	Used for pul ing up people in emergency situations.
29	FULL BODY HARNESS	1 NO.	Used for pul ing up people in emergency situations.
30	PULLEYS	1 NO.	Heavy metal pul y for pulling the in emergency situations
31	MANNEQUINS	1 NO.	Fibre body male mannequin will be used for demonstrating the security guard.
32	ONE WAY MASK	1 NO.	Mask will be used for prevention from pol ution in case of fire.
33	AIR RIFLE(MODEL CNLY)	1 NO.	
34	AIR PISTOL(MODEL ONLY)	1 NO.	

Furniture (100 GSSS) Name of Supplier:H.P. General Industries Corporation Shimla-9.

Sr. No.	Name of Item	Specification	Quantity
1	Students Chair & Table	Disk Single Seater made of 25MMx 25MM, Sg. pipe,18MM thick MDF Laminated Board.	50 Nos. in each school
2	Trainer Chairs	With arms steel frame, seat back cushioned	2 Nos. in each school
3	Trainer Table	4'x2'x2'12 with one drawer made of steel frame 25x25 MM Sg. pipe top wooden with MDF Board	2 Nos. in each school
4	Demonstration Table	4'x2' with one drawer made of steel frame top MDF 18MM Laminated	2 Nos. in each school

LCD Projector (100GSSS) Name of Supplier: Ricoh India Ltd.Khalini,Shimla

Sr. No.	Name of Item	Specification	Quantity
1.	Multi-Media Projector	Multi-Media Projector with wireless connectivity between PC and Projector, Storage media port and wireless LAN. Model No. PJWX3231N	1 No.in each school

White writing Board & Pin up Board (100 GSSS)

Name of Suppliers: M. Sons Industrial Area Swalikhad, Mandi

1	Pin up Board & White Board	Half pin up & Half white board Size 6'x4'	1 No.in each school
2	White Writing Board	White writing Board with vitreous enameled steel sheet top surface board white colour writing with dry marker ink% gloss at 60 deg. Lead 80 Min. Size : 900MMx1200MM	2 Nos.in Each school