

Certificate for Equipment with Specifications

Name of Institute- Government college, Sirohi

Date: 26-09-2019

Name of RUSA Component :- Infrastructure grants to colleges(√) / Infrastructure grants to Universities (**Tick whichever applicable**)

I. Certified that the following equipment/ items have been purchased with RUSA Grants (Central and State) after following the financial rules and extant orders and necessary inventories in stock register have been made, kept at **(Name of Institute)- Government College, Sirohi** and that they are in full working condition.

Sr. No.	Name of Item (with number purchased)	Expenditure incurred (in Rs)	Detailed Specifications of the equipment/ item purchased
1	ABC Powder Type Fire Extinguisher 4 KG(20) @1000	20000	Dry Powder (Mono Ammonium Phosphate base),
2	ABC Powder Type Fire Extinguisher 6 KG(53)@1186.44/-	62881.35	Dry Powder (Mono Ammonium Phosphate base),
3	PORTABLE FIRE EXTINGUISHERS CARBON DIOXIDE 4.5 Kg(10)@4025.42	40254	Capacity (kg) 4.54 Kg, Agent Type Carbon Dioxide (CO ₂),Cylinder material Aluminium, Handle/lever material Stainless steel
4	Fire Stop - Portable Spray Safety - Flame Retardant Fluid - Fire Extinguisher(25)@161	4025	Fire Stop - 500ml - Stop Fire
5	Digital Conductivity Meter with cell (5)@9239	46195	Manual instrument, convenient for routine analysis Range : 0 μS – 200 mS, Resolution : 0.1μS Temp : 00 C – 1000 C (Manual) Readout : 3 digits LED Range-5 ranges (0 to 1000m mhos/cm) Manual Temp. Control adjustable digital cell constant adjustment -EI Make Type 641
6	Digital Photo Colorimeter(7)@6136	42952	Wavelength Range: 400-700 nm with optical filters. Filter's peak wavelength: 420 nm, 440 nm, 520 nm, 540 nm, 570 nm, 600 nm, 700 nm. Interference filter: required. Measuring Modes: %T, ABS, CONC and K-factor. Photometric Resolution: 0.1% T, 0.001 ABS. Display: 4- digit LCD. K- Factor Range: 0 to 1999. Sample Volume (min.): 1ml in 4ml cuvette. Sample Holder: 10 mm square cuvette. (EI Make Type 312) Long life Broad Spectrum LED Light Source..Light Source : 6 V LED

Annexure 7

7	Digital pH meter With Electrode(3) @ 6077/-	18231	pH and redox potential measurements, Display : 4 digit; Range : pH = 0 to 14 pH continuous, mV = 0 ±1999 mV; Resolution : pH = 0.01 pH, mV = 1mV, Accuracy : pH = 0.01 pH (Relative), mV = mV 0.1% ± 1 digit, Temp. Compensation: 0 - 100o C (Manual)/(Automatic) complete with combined pH electrode, Two plastic bottles, and electrode stand and instruction manual. To work on 220/230 V A.C. (EI Make 111)
8	Hot & Cold Water Dispenser(3) @ 8325/-	24975	Hot, normal and cold Heating Capacity: 5 litres/hour Storage compartment Auto Shut Off: 1 year on product. Voltas Power: 500 watts; Operating Voltage: 220-260 volts, 2-5 Amps, Compressor Recip/Rotary, ISI mark, 3/5 STAR rating.
9	Laser jet MFP Printer as per specification (9)	113850	HP-MFP-1136
10	Mini Refrigerator make 80-100 liter capacity(6)@12650	58650	80-100 liter capacity; GEM
11	TELEPHOTO LENS	14500	Canon DSLR 750 D camera compatible tele photo lens 70-300 mm /f 4-5.6 (Tamron make)
12	OLYMPUS MICROSCOPE40061 (3)@ 14495/-	40061	Olympus Research Microscope, CH20i
13	Digital Conductivity Meter with cell (3)@ 12226/-	36678	Manual instrument, convenient for routine analysis Range : 0 µS – 200 mS, Resolution : 0.1µS Temp : 00 C – 1000 C (Manual) Readout : 3 digits LED Range-5 ranges (0 to 1000m mhos/cm) Manual Temp. Control adjustable digital cell constant adjustment Systronic 304
14	Digital pH meter With Electrode (4)@10238	40952	pH and redox potential measurements, with slope correction facility. Display : 4 digit; Range : pH = 0 to 14 pH continuous, mV = 0 ±1999 mV; Resolution : pH = 0.01 pH, mV = 1mV, Accuracy : pH = 0.01 pH (Relative), mV = mV 0.1% ± 1 digit, Temp. Compensation: 0 -100o C (Manual)/(Automatic) complete with combined pH electrode with Gold Plated BNC Connector, Two plastic bottles, and electrode stand and instruction manual. To work on 220/230 V A.C. (Systronic Type 335)
15	Visible spectrophotometer (5)@ 43980	219900	Micro-controller based 4 Digit LED 340 – 960 nm Range %T, Abs, Conc. & K factor measuring modes 5 nm Bandwidth Single Position 20/50 mm Cuvette Holder; Systronic Type 106
16	Dissolved oxygen meter (Digital)	29500	3 digit LED / LCD.,Range D.O. = 0 to 20 PPM. Temp. = -2000C to 2000C. Resolution D.O. = + 0.2 PPM + 1 digit. Temp. = 0.10 C. Power supply 220 / 230 V + 10% 50 Hz A.C. ISO 9001 : 2000, GMP & CE Certified; Systronic Model 314.

Annexure 7

17	Microwave oven (2)@15990	31980	Convection type, 28-30 lit. Capacity; LG
18	Conductivity cell (13)@1850	24050	Convection type, 28-30 lit. Capacity; Systronics 304
19	Refrigerator make (4)@32300	129200	HAIER model HRB- 3404 BS
20	Monocular Microscope(22)	22x14495=318890	Student Monocular Microscopes make Olympus HSA
21	Fluoride meter (2) @20886	41772	Hanna HI 96739 with accessory consumables Range 0.0-20.0 mg/L; Silicon photocell with narrow band interference filter @ 575nm, Tungsten lamp, 9V battery
22	Digital SLR Camera	49990	Canon DSLR camera telephoto lens 70-300 mm /f 4-5.6 IS USM compatible with canon 750 D camera.
23	HOT AIR OVEN(1)	8950	Laboratory Hot air oven (45 lit. size) with thermostat, temperature controller and digital display. El or Macro Scientific or equivalent make
24	ELECTRONICS BALANCE(1)	2980	Digital display; accuracy 0.001 gm.
25	CHINO pH METER(1)	3950	pH and redox potential measurements, with slope correction facility. Display : 4 digit; Range : pH = 0 to 14 pH; continuous, mV = 0 ±1999 mV; Resolution : pH = 0.01 pH, mV = 1mV, Accuracy : pH = 0.01 pH
26	BINOCULAR TELESCOPE	7000	10x50 focus; Nikon
27	INTERCOM	799075	EPBAX NEOS; 64 extension with BEETAL push button phone with CLI
28	SOLAR PLANT	1812391	RREC-Grid Tied SSP – 40 Kw
29	Ubiquiti Air grid for wifi	9960	Ubiquiti Air grid
30	WALL FAN AND POWER STRIP	9990	BAJAJ
31	ROUTER FOR WIFI	8800	Edimax; 300MBPS speed support WAN/WISP/ AP support
32	WEB CAM, CABLE, SWITCH	7150	Logitech webcam C310, Ethernet switch 8 port, Xpro Mic
33	NVR 16CH FULL HD	9500	16CH FULL HD
34	DVR 16 CH FULL HD WIRELESS MOUSE, CABLE	9200	16 CH FULL HD
35	WIRELES MOUSE, KEY BOARD, HARD DISK, TONER	9900	Dell, I-ball
36	CCTV cameras	200810	Secure eye system
37	Dedicated Leased line for net connectivity with Wi-Fi campus	159300	By BSNL
38	Total 1698 Books	966394	
39	Furniture (TABLE- 625 STOOL- 625)	499850	

* Add more rows if required

II. Certified that the Measurement Book (MB) pertaining to construction works has been recorded by the designated & competent authority. All accounts of these activities are being maintained in the accounting formats prescribed under the financial rules and extant orders of the State.

III. Certified that the physical inspection of these works undertaken from RUSA Grants has been carried out by the officials of the Higher Education Department and found to be satisfactory.

(Signature of Principal with seal)

Name of Principal:Dr. K. K. Sharma

Date: 26-09-2019