

**NOTIFICATION**

With reference to Tender call notice no. 1800/CAET, dated 27/11/2018 of OUAT and notice no. 335/CAET dated 18.02.2019 and subsequent approval of the higher authority, rate contract of the following laboratory equipment, instruments, Field Machineries, computer items, etc. (Group-A, Group B and Group D) has been finalized.

The rate contract is valid for one year from the date of notification or till the finalization of the next rate contract for the specific equipment, whichever is earlier. Order should be placed with due approval of the competent authority after following rules and regulation of the University.

The indenter should obtain an undertaking from the supplier that equipment costing more than INR 5 lakhs is not obsolete and parts and service has to be provided for at least for next 10 years by the supplier/ manufacturer. Indenter may check the make, model and technical specification with the hard copy available with the chairman, CPC.

Any discrepancy in the rate contract should be brought to the notice of the Chairman immediately for taking further action.

Tax Deduction at Source (TDS) as per No. Pen-I-38/ 18 23444/UAT, dt.04.10.2018. For availing GST concession/ customs duty exemption, necessary certificates like End User Certificate & certified DSIR certificate may be submitted to the supplier as per requirement.

Payment should be made after obtaining performance bank guarantee (10%) as per the Annexure I and II, as the case may be. Standard installation certificate should be made before payment as per Annex. III.



CHAIRMAN, CENTRAL PURCHASE COMMITTEE and DEAN, CAET

Memo No. 590 / CAET, dt.27.03.2019

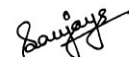
Copy forwarded to all Deans/ Directors/ Associate Dean, C.A., Chiplima/ Bhawanipatna/ CH, Chiplima/ AII HoDs/ Controller of Examination/ Medical Officer, OUAT Health Center/ Chief Librarian, Central Library/ All ADRs, RRTTS/AII Programme Coordinators, KVK/AII Officer-in-Charge, RRTSS & Projects by e-mail.



CHAIRMAN, CENTRAL PURCHASE COMMITTEE and DEAN, CAET

Memo No. 591 / CAET, dt.27.03.2019

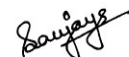
Copy forwarded to Registrar/Comptroller, OUAT, Bhubaneswar for information and necessary action.



CHAIRMAN, CENTRAL PURCHASE COMMITTEE and DEAN, CAET

Memo No. 592/ CAET, dt.27.03.2019

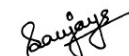
Copy forwarded to DPME, OUAT, Bhubaneswar for information and necessary action. He is requested to upload the entire notification in OUAT website.



CHAIRMAN, CENTRAL PURCHASE COMMITTEE and DEAN, CAET

Memo No. 593 / CAET, dt.27.03.2019

Copy forwarded to the Secretary to Vice Chancellor, OUAT for kind information of the Hon'ble Vice Chancellor.



CHAIRMAN, CENTRAL PURCHASE COMMITTEE and DEAN, CAET

**Group A: Laboratory Equipment**

1. Item: Tissue homogeniser

Name of the Firm	M/s Pristine Bio chemical
Address of the firm	Plot no.104,Bomikhal, Rasulgarh,Bhubaneswar 751010
email	pristinebiochem@gmail.com
Telephone	9439082288
GSTN	21A JPPD1174J1ZE
PAN	A JPPD11741
Make	Qiagen
Model	Part no.85600, 69980 & 69989
Specification	Rapid, fast, uniform and efficient disruption minimum of 12 biological samples, including animal and human tissues, bacteria, and yeast. Disruption and homogenization through beating and grinding effect of beads on the sample material together in 2 ml sample tubes. Provision for effective disruption and homogenization using liquid nitrogen or in frozen condition. Easily programmable to provide variable speeds from 15 to 50 Hz (900–3000 oscillations/minute) and run times from 1 second to 10 minutes.
Basic Price of each	Rs.253430/-
Total cost of equipment	Rs.253430/-
Educational discount	Nil;
Price after discount	Rs.253430/-
GST@5% on equipment against DSIR certificate	Rs.12671.50
Standard Warranty provided	3 years
On Site Delivery price (3 year warranty)	<b>Rs.266102/-</b>

2. Item: Probe Sonicator

Name of the Firm	M/s Chromlife Inc
Address of the firm	Ashirwad, Opp Sanat Nalini Girls High School, Shelter Chaak,Tulsipur,Cuttack 753008
email	<a href="mailto:chromlife@chromlife.net">chromlife@chromlife.net</a>
Telephone	9437088137, 7503186032
GSTN	21AAJFC8228P1Z4
PAN	AAJFC8228P1
Make	SJIALAB84798200
Model	SJIA1200W, HSCODE:
Specification	Microprocessor based programmable probe type Sonicator (at least 10 Program storage capability). Processing capability: 250µl to 1litre or better Automatic Tuning and Frequency Control Provision for Integrated temperature control and with a temperature sensor Stainless steel suitable to monitor and maintain sample temperature up to 100 °C to be supplied. Instrument have the provision for energy set point, which helps to terminate the ultrasonics when the desired amount of energy has been dispensed. Independent user controllable on/off pulser, controllable from 1 seconds to 59 seconds It has wattmeter which digitally displays the amount of power in watts that is being delivered to the probe Inbuilt memory to store user protocols for later usage. Complete with all accessories, necessary tool kits, sound abating enclosure.
Basic Price of each	Rs.280000/-
Total cost of equipment	Rs.280000/-
Educational discount	Rs.30000/-
Price after discount	Rs.250000/-

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GST@5% on equipment against DSIR certificate	Rs.12500/-
Standard Warranty provided	3 years
Extended warranty/CAMC	AMC @Rs.12000/- per year for 2 years and thereafter Rs.14000/-per year +GST extra
On Site Delivery price (3 year warranty)	<b>Rs.262500/-</b>

3. Item: Colour spectrophotometer

Name of the Firm	M/s Applied Testing System (P) Ltd.
Address of the firm	G-11, Preet Vihar Delhi- 110092
Email	<a href="mailto:saies@atsin.in">saies@atsin.in</a> , <a href="mailto:info@atsin.in">info@atsin.in</a>
Telephone	91 70425 20222, 0120 4553581, 4553588
GSTN	07AAECA9745M1Z5
PAN	AAECA9745M
Make	Shenzhen 3nh Technologies Co., Ltd.
Model	Part no: NS810
Specification	<p>                     Illumination/observation system: d/8 (diffused illumination, 8-degree viewing angle) Conforms to CIE No.15, GB/T 3978.                      Integrating sphere Size: Φ58mm                      Light Source: Combined LED sources                      Wavelength range: 400~700nm                      Wavelength pitch: 10nm                      Reflectance range: 0~200%                      Measuring Aperture: Φ8mm                      Color Space: CIE LAB, XYZ, Yxy, LCh, CIE, LUV, LAB &amp; WI &amp; YI                      Chromaticity Data: L, a, b, XYZ, Yxy Hunter Lab L c h                      Observer: 2°/10°, Illuminant: D65,D50,A,C,D55,D75,F1,F2,F3,F4,F5,F6,F7,F8,F9,F10,F11,F12                 </p>
Basic Price of each	Rs.550000/-
Total cost of equipment	Rs.550000/-
Price after discount	Rs.550000/-
GST@5% on equipment against DSIR certificate	Rs.27500/-
Standard Warranty provided	3 years
On Site Delivery price (3 year warranty)	Rs.577500/-

4. Item: Growth Chamber

Name of the Firm	M/S Segen Biosolution Pvt. Ltd.
Address of the firm	M-1, Lajpat Nagar-3, New Delhi
Email	<a href="mailto:segenbiosolution@gmail.com">segenbiosolution@gmail.com</a>
Telephone	011-41070061, Mob: 9312220603
GSTN	07AAWCS0387D1Z0
PAN	AAWCS0387D
EMD	Rs.33680/- 118215 & 118217
Make	Segen Biosolution
Model	SEGEN/PGS-1400
Specification	<p>                     Plant Growth Chamber (&gt;1400L volume) with multiple illuminated racks                      The body design of plant growth chambers should be built as reach in growth chamber and the chamber should provide sufficient space under controlled temperature, humidity and light conditions.                      External dimensions of the units should not to exceed 250 cm Width X 100 cm Depth X 250 cm Height.                      Electro- zinc 22 gauge plated steel exterior and interior, all seams and joints welded, Corrosion-resistant stainless steel chamber interior.                      Adjustable/removable non-perforated shelves in three tires to achieve the appropriate growth height, Minimum floor area of each shelving =1± 0.1 m2 for growing plants.                 </p>

	<p>Lockable doors and castors</p> <p>Equipped with adjustable temperature control (microprocessor PID and PT-100 or advanced temperature sensor) in range of +10°C to +60°C with lights on, and +0°C to +60 °C with lights off mode, both with <math>\pm 0.5^\circ\text{C}</math> at control set point on all temperature range.</p> <p>Refrigeration system should have an air-cooled condensation unit located internally and with hot gas bypass system for continuous compressor function and tight temperature control.</p> <p>System should fitted with valves/ports for filtered fresh air-exchange. The airflow design should discharge uniform flow of air horizontally across the shelves when multiple shelves are under use.</p> <p>Equipped with an ultrasonic humidifier for programming relative humidity (RH) in the range of 50-90% (<math>\pm 5\%</math>) irrespective of outside weather condition and temperature of chamber.</p> <p>For each floor illumination should be from the top and should have LEDs providing overall light intensity of <math>700 \mu\text{mol}/\text{m}^2/\text{s}</math> at the distance of 15cm from the source. Illumination should be fully programmable and should allow intensity level adjustments (from 0 to 100%)</p> <p>Should have a high resolution, touch-screen control panel (<math>\geq 7"</math>) that displays temperature, humidity and status of photoperiod programs digitally;</p> <p>Multistep programming for 0-24h cycle with the memory of &gt;40 programs of at least 50 steps each. The chamber should accompany with proper water drainage system.</p> <p>Display access, controls and programming should be password protected. Manufacturer should be ISO and CE certified.</p> <p>Units should function on 230V 50Hz, with grounded wire.</p> <p>A suitable servo stabilizer should be quoted with the unit.</p> <p>At least three-years of unconditional comprehensive warranty for growth chambers should be provided.</p> <p>3 years comprehensive maintenance contract (including all spares, accessories and labor).</p>
Basic Price of each	Rs.1300000/-
Total cost of equipment	Rs.1300000/-
Educational discount	Nil
Price after discount	Rs.1300000/-
GST@5% on equipment	Rs.65,000/- on production of DSIR certificate
Standard Warranty provided	3 years
On Site Delivery price (3 year warranty)	Rs.13,65,000/-

**5. Item: Gel Electrophoresis System**

Name of the Firm	M/s. Biotechnica
Address of the firm	Plot no.-848, Sudarshan Palace-II, Madhusudan Nagar, Unit-IV, Bhubaneswar 751001
Email	<a href="mailto:Biotechnika.odisha@gmail.com">Biotechnika.odisha@gmail.com</a>
Telephone	0674-2390152, 9238385150, 9437089086
GSTN	21AFLPD1412R1ZM
PAN	AFLPD1412R
Make	Bio-rad, USA
Model	164-6000, 1646-113, 1646118, 164-6124164-6021, 165-8001, 165-8003165-1803 and 164-5050 with UPS
Specification	Gel System, including basic unit, positive and negative electrode assemblies,

<i>Saujanya</i>	7 cm, 11 cm, and 17 cm focusing trays with IPG strip retainers, 1 pack each of 7 cm, 11 cm, and 17 cm rehydration/equilibration trays, 2 pairs of forceps, 2 packs of electrode wicks for gel side down and gel-side up applications, mineral oil, 2 cleaning brushes, cleaning concentrate, 2 USB flash drives, 3 styluses, pH 3–10 ReadyStrip™ IPG strips in 7 cm, 11 cm, and 17 cm lengths. 13 cm, 18 cm, and 24 cm trays and cup loading accessories 2-D Analysis Software. Large format vertical electrophoresis cell, 16 x16 cm gel size, 4 gel capacity, includes four 1.0mm spacers, two 15-well combs, 2 sets of glass plates, 2 sets of sandwich clamps, casting stand, upper buffer dam, alignment card with levelling bubble Mini- Tetra Cell, 4-gel, 10-well combs, 1.0 mm . Mini- Tetra Cell, 2-gel, 10-well combs, 1.0 mm Mini- Cell GT System, 8- and 15-well, 7 x 10 cm Wide Mini- Cell GT System, 15- and 20-well combs, 15 x 10 cm PowerPac™ Basic Power Supply, 100–120/220–240 V Supply with UPS for 30 min back up2.
Basic Price of each	Rs.2045000/-
Total cost of equipment	Rs.2045000/-
Educational discount	<b>Rs.95000/-</b>
Price after discount	Rs.1950000/-
GST@5% on equipment	Rs. 97500/-
On Site Delivery price (3 year warranty)	Rs.20,47,500/-

6. Item: Lyophiliser

Name of the Firm	M/s. Biotechnica
Address of the firm	Plot no.-848, Sudarshan Palace-II, Madhusudan Nagar, Unit-IV, Bhubaneswar 751001
Email	<a href="mailto:Biotechnica.odisha@gmail.com">Biotechnica.odisha@gmail.com</a>
Telephone	0674-2390152, 9238385150, 9437089086
GSTN	21AFLPD1412R1ZM
PAN	AFLPD1412R
Make	LABCONCO, USA
Model	710201070, 7522900, 7739403, 7593401, 7569000
Specification	<p>Microprocessor Controlled Laboratory scale freeze dryer with vacuum pump and facility for lyophilizing the products in vials and ampoules, sealing under vacuum. The system should have both automatic and manual operating system.</p> <p>Ice capacity per day : 2.21 liters                      Total ice capacity: 2.51 liters                      Condenser temperature: -84 deg C                      Refrigeration: 2x1/3 Hp CFC free hermetically sealed compressor with suitable safety device                      Touch screen Large digital display                      Ice condensation chamber with high quality stainless steel inner condenser coils and drain valve. Ergonomic condenser design to allow easy and quick cleaning, decontamination and defrosting.                      Drying Chamber made of Stainless Steel with at least 16 ports for use of ampoule.                      Freeze Dryer Manifold: comprising base plate/adaptor plate, three shelves, and distributors for ampoules/vials. Freeze drying ampoules and vials of 2 to 5 ml capacity (1000Nos) must be supplied with system.                      System should have provision to start pump after condenser temp reaches -400C for safety System should have fast hot-gas /defrost and drain valve for cleaning/ decontamination. It should have 0.2 micron air filter to prevent contamination.                      Vacuum Pump: High quality corrosion resistant, direct driven, double stage vacuum pump with gas ballast facility and safety valve capable of displacing at least 195 lits air per min for better performance. Ultimate</p>

*Saujanya*

	<p>Pressure should be at least <math>2 \times 10^{-3}</math> mbar.                  Safety device to protect vacuum pump from high temperature; oil and air back suction protection. System must be quoted with Vacuum Grease, Vacuum Oil.                  Complete sealing device for vials and ampoules.                  Noise level: <math>\leq 55</math>dB                  International Certification: FDA or equivalent, CE, NeP &amp; ETL certified, ISO 9001 &amp; GMP.                  Control board self diagnostic, Automatic leak at vacuum release, Refrigerator protection circuit                  Required online UPS with minimum 1 hr. back up.                  Data interface RS232 port for process documentation with PC of latest configuration must be provided for installation of process documentation software.</p>
Basic Price of each	Rs.1624116/-
Total cost of equipment	Rs.1624116/-
Educational discount	Rs.29,116/-
Price after discount	Rs.1595000/-
GST@5% on equipment	Rs.79750/-
On Site Delivery price (3 year warranty)	Rs.1674750/-

7. Item: UV-Visible Spectrophotometer

*Soujanya*

Name of the Firm	M/S. Bio-technika
Address of the firm	Plot No. 848, Sudarshan Palace-II, Madhusudan Nagar, Unit-IV, BBSR-1
email	biotechnika.odisha@gmail.com
Telephone	0674-2390152/9437089086/9238385150
GSTN	21AFLPD1412R1ZM
PAN	AFLPD1412R
Make	Bibby Scientidic, UK
Model	Cole Parmer cat 736-501
Specification	Single beam photometer Sample capacity: 0.5 $\mu$ l-2 ml With quartz cuvette Receiver: CMOS photodiode array Wave length range: 198-1000 nm
Basic Price of each	Rs.495000/-
Total cost of equipment	Rs.495000/-
Educational discount	Rs.20000/-
Price after discount	Rs.475000/-
GST@5% on equipment against DSIR certificate	Rs.23750/-
On Site Delivery price (3 year warranty)	Rs.4,98,750/- Computer & printer (optional): Rs.48000/-


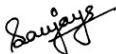
8. Item: Chemidoc

Name of the Firm	M/S. Bio-technika
Address of the firm	Plot No. 848, Sudarshan Palace-II, Madhusudan Nagar, Unit-IV, BBSR-1
email	biotechnika.odisha@gmail.com
Telephone	0674-2390152/9437089086/9238385150
GSTN	21AFLPD1412R1ZM
PAN	AFLPD1412R
Make	Biorad lab USA
Model	Chemidoc XRS +
Specification	Proteomics and Genomics studies blot imaging 1-D nucleic acid and protein gels Western blots – Chemiluminescence and 3-color multiplex fluorescence & Bioluminescence Northern and Southern blots

	<p>System with true 16 bit CCD with more than &gt; 6 Megapixel image resolution.</p> <p>Cooled CCD with cooling range of -30°C absolute temperature using peltier cooling system (Not air cooled)</p> <p>Multi image color target with multi-channel image display for study of more than 2 dyes at a time for differential expression. Automatic sequential imaging of multi labeled samples.</p> <p>System should have 8 different modes of illumination – Trans-UV, epi white, no illumination for Chemiluminescence, trans-white, optional epi-red, epi-green, epi-blue, and trans-blue. All LEDs should be integrated with system for proper imaging of multi target with reproducibility. 6.</p> <p>Instrument should have a large transillumination area.</p> <p>Capability of stain free gel imaging</p> <p>Instrument should have automatic reorganisation of sample position.</p> <p>Pixel size should be 4.54 µm x 4.54 µm or bigger.</p> <p>Instrument should have a minimum 6 position filter wheel for capturing images of various dyes effectively. The filter wheel should be motorized and automatic without the requirement of manually changing or moving the filter wheel.</p> <p>Pixel density should be at least 65,535. 14. Dynamic range &gt;4.5. PC compatible Software for Image acquisition and Analysis: Automatic generation of customizable reports Snapshot tool to copy images, lane profiles, and graphs Easy copy/paste functionality, crop, zoom, 3D viewer, and colors. PC compatible software Kinetic graph should be obtained from images. Images should be saved in 16-bit TIFF, scientific format, BMP, JPEG or APX (16 bit). System Requirements &amp; Other Details</p> <p>Machine must be supplied with suitable compatible branded Desktop PC computer having more than 14” monitor preloaded with MS windows and software for Chemidoc with branded online UPS with minimum 30 min backup time</p>
Basic Price of each	Rs.1295000/-
Total cost of equipment	Rs.1295000/-
Educational discount	Rs.25000/-
Price after discount	Rs.1270000/-
GST@5% on equipment against DSIR certificate	Rs.63500/-
On Site Delivery price (3 year warranty)	Rs.1333500/-

9. Item: Electroblogger

Name of the Firm	M/S. Pristine Biochemical
Address of the firm	Plot no:- 689/9 Nayapalli , Behera sahi, Bhubaneswar – 751012, Odisha
email	pristinebiochem@gmail.com
Telephone	9439082288/ 9658109425
GSTN	21AJPPD1174J1ZE
PAN	AJPPD1174J
MAKE	Thermo fisher scientific
MODEL	PB0012
Specification	<p>Bbuilt-in power supply to monitors transfer status Automatically and stops transfer before stack overheats.</p> <p>No excessive heat generation which can dry out the transfer stack and damage the transfer unit.</p> <p>Durable platinum coated titanium and stainless steel coated electrodes for contamination free and consistent transfer.</p> <p>Vented electrodes to prevent build up of bubbles</p> <p>Minimal buffer requirements</p> <p>Support two layers of gels to be transferred automatically.</p> <p>Transfer area: up to 14x16 cm (for handling upto four minigels using the</p>

	stacked format) Max. power settings: 30 V,500mA, 15W Max. temperature: 45°C Indoor Use on temp.: up to 45°C Humidity: upto 80%
Basic Price of each	Rs. 1,61,150/-
Total cost of equipment	Rs. 1,61,150/-
Price after discount	Rs. 1,61,150/-
GST@5% on equipment against DSIR certificate	Rs. 8057.50 
Standard Warranty provided	3 years from the date of delivery
Extended warranty/CAMC	CMC: 10% of Quoted value (per year) CMC: 7 % of Quoted value (per year)
On Site Delivery price (3 year warranty)	Rs. 1,69,208/-

10. Item: High Performance Liquid Chromatography (HPLC)

Name of the Firm	M/s Spincotech Pvt. Ltd.
Address of the firm	Spinco Towers, Plot No.- 83 & 84, Purungudi Industrial Estate, Chennai – 600 096
email	<a href="mailto:sales@spincotech.com">sales@spincotech.com</a> , <a href="mailto:nrusinha.pattanaik@spincotech.com">nrusinha.pattanaik@spincotech.com</a>
Telephone	044-4567 8900, 076048 64918
GSTN	33AAFCS9992P1ZC
PAN	AAFCS9992P
MAKE	SHIMADZU
MODEL	Prominence HPLC system
Specification	Analytical cum semi- preparative HPLC cum GPC system Detectors uv/visible detector, Refractive index detector Fluorescence detector Any other specification like columns etc. required for the analysis of bioethanol, amino acids, vitamins etc & for routine analysis. All should be fully software controlled i) Pump ii) Refractive Index Detector iii) Photodiode Array detector: iv) Column Oven v) Manual injector with multi loop and multi syringe vi) Software: The system should be an easy to use next generation 64-bit software that incorporates the latest in Windows technology. Software for control, acquisition, processing etc. Software should support all Quantization features such as Area Normalization, Internal and External Standards, SST, Custom reporting, Audit trails and GLP features. vii) PC, PRINTER & Online UPS 2KVA with 30 mins battery backup
Basic Price of each	Discounted price Rs. 2120000.00
Total cost of equipment	Rs. 2120000/-
Price after discount	Rs. 3185000.00
GST@5% on equipment against DSIR certificate	106000/-
Standard Warranty provided	3 YEARS
Extended warranty/CAMC	AMC: 4 <sup>th</sup> year : Rs. 40000.00 : 5 <sup>th</sup> Year : Rs. 40000.00 : 6 <sup>th</sup> Year : Rs. 40000.00 : 7 <sup>th</sup> Year : Rs. 40000.00 : 8 <sup>th</sup> Year : Rs. 40000.00



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On Site Delivery price (3 year warranty)	Rs.2206000/-
Remarks  <i>Soujanya</i>	Payment by RTGS / demand Draft/ Cheque in favour of SPINCOTECH Pvt. Ltd. Bank name: HDFC Bank, Branch name: T. Nagar IFSc code: HDFC0002094 Branch code: 2094 Account no.20948630000074  Order to be placed directly to:- M/S. Spincotech Pvt. Ltd., Spinco towers, No. 83 & 84, Perungudi Industrial Estate, Chennai – 600 096 <b>Extra</b> Fluorescence Detector: Rs. 585000.00 + 5% GST UV-Vis detector: Rs. 295000.00 + 5% GST GPC software: Rs.185000+ 5% GST

11. Item: Rotary Shaker Incubator

Name of the Firm	M/s Orissa Scientific Company
Address of the firm	High Court Square, Cuttack- 753 002
Email	orisciencoco@yahoo.co.in
Telephone	0671-2509077
GSTN	21 ABRPC6639F1ZR
PAN	ABRPC6639F
Make	KHERA
Model	K I – 215 (A)
Specification  <i>Soujanya</i>	Temperature Range : 5° C to 60° C * Temperature Controlled by Dual display Microprocessor based PID *Temperature Controller & PT -100 sensor with +/-0.5° C Accuracy. * Digital Timer of 999 Minutes for timed shaking with audio visual alarm. *Shaking mechanism comprises of Variable speed PMDC geared motor with Triple-eccentric counterbalanced drive. *Shaking amplitude: 25 mm. *Shaking speed can be controlled by means of Electronic speed controller cum Digital RPM Indicator between 20 RPM to 250 RPM. *Universal Platform to accommodate interchangeable lotus clamps of assorted sizes for different capacity of flasks. *Adjustable & removable S.S. Rod shelves for Holding Petri Dishes & Flasks. *Operates on 230 Volts AC Single phase 50 Hz. SAFETY:- *Redundant high temperature safety system automatically cuts-off power to heaters if temperature exceeds 70°C. Working space: 45 X 45 X 50 CM Capacity :125ltr Shaking Tray size: 35 x 35 cm. Max. no. clamps the tray can accommodate: 100 ml—16 nos. 250 ml. - 9 nos. 500 ml. - 9 nos. 1000 ml. -4 nos.
Basic Price of each	Rs.167500/-
Total cost of equipment	Rs.167500/-
Educational discount	Rs.8200/
Price after discount	Rs.159300/-

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GST@5% on equipment against DSIR certificate	Rs.7965/-
Standard Warranty provided	3 YEARS
Extended warranty/CAMC	7.5% of the cost of equipment with GST up to 5 years after warranty.
On Site Delivery price (3 year warranty)	Rs.167265/-

12. Item: CO2 incubator

Name of the Firm	M/s. Lab Chemicals Private Limited	
Address of the firm	Limited, Shop No. W/5, Unit-IV, Market Complex, Bhubaneswar-01	
email	<a href="mailto:labchemicalspvtltd@gmail.com">labchemicalspvtltd@gmail.com</a>	
Telephone	9437005066 /9937005067	
GSTN	21AAACL5586D1ZS	
PAN	AAACL5586D	
MAKE	MAC	
MODEL	MSW129	
Specification	<p>Stainless steel interior with inner glass door                      Stainless steel Exterior.                      Fully stainless steel heated door                      Temperature range: 5 °C above ambient temperature up to +50 °C                      Standard sterilisation programme: 60 minutes at 180°C (without removing the sensors)                      Setting accuracy temperature: 0.1 °C                      Humidity Setting range active humidity control: 40 to 97 % rh                      Rh-Off Setting accuracy humidity: 0.5 % rh Humidity control                      Internals 2 perforated stainless steel shelf/shelves Internals 1 stainless steel water dish                      Adjustment range CO2: 0 to 20 %                      CO2 Setting accuracy: 0,1%                      Variation in time CO2 +/- 0.2 % CO2                      Adjustment range O2: 1 to 20 %                      O2 Setting accuracy: 0.1 % O2                      Control technology: Control COCKPIT Twin DISPLAY.                      Volume: 156 l                      Hepa filter for chamber is must                      Stacking system for minimum of 2 units                      Temperature 2 Pt100 sensors Class A in 4-wire-circuit,                      CO2 control: Digital electronic CO2 control                      loading of chamber: 120 kg .                      loading per internal 15 kg Textured stainless steel casing</p>	
Basic Price of each	Rs. 2,09,800/-	Rs. 29,800/- (accessories)
Total cost of equipment	Rs. 2,09,800/-	Rs. 29,800/-(accessories)
Price after discount	Rs. 2,09,800/-	Rs. 29,800/-(accessories)
GST@5% on equipment against DSIR certificate	Rs. 10,490/-	Rs. 1,490/- (accessories)
Standard Warranty provided	3 years warranty from date of successful demonstration at site	
Extended warranty/CAMC	AMC after our 3 years comprehensive on site warranty, further 2 years extended of AMC after warranty period 1 <sup>st</sup> year @ 10% and 2 <sup>nd</sup> year @ 15 % of basic value	
On Site Delivery price (3 year warranty)	Rs. 2,20,290/-	Rs. 31,290/-(accessories)
Remarks	Total cost including accessories = Rs.251580/-	

13. Item: Universal powerpac

Name of the Firm	M/S. Pristine Biochemical
Address of the firm	Plot no:- 689/9 Nayapalli , Behera sahi, Bhubaneswar – 751012,Odisha
email	pristinebiochem@gmail.com
Telephone	9439082288/ 9658109425
GSTN	21AJPPD1174J1ZE
PAN	AJPPD1174J
MAKE	Thermo fisher scientific
MODEL	PS0301
Specification	Constant voltage and constant current output and Constant power. The capability to pause and resume the run. voltage: 10-500 volt, Current: 0.01-2.5A, Power : 1-500 watt Timer : 1 min to 99hr ., Output terminal: 4 set in parallel Automatic cross over Power Operating Mode with automatic crossover No. of output jacks: 04 (four) sets in parallel. Auto power recovery. Display: 128 x 64 pixel, back lit graphics LCD Stores the methods, each with up to 8-9 steps Ground leak detection, over load/short circuit detection UPS power back up to 30 min and 3 years warranty
Basic Price of each	Rs. 65,000/-
Total cost of equipment	Rs. 65,000/-
Price after discount	Rs. 65,000/-
GST@5% on equipment against DSIR certificate	Rs. 3,250/-
Standard Warranty provided	3 years from the date of delivery
Extended warranty/CAMC	CMC: 10% of Quoted value (per year) CMC: 7 % of Quoted value (per year)
On Site Delivery price (3 year warranty)	Rs. 68,250/-

14. Item: Sonicator

Name of the Firm	M/s. Chromlife Inc.
Address of the firm	Ashirwad, Opp. Sanat Nalini girls school, Shelter chhak, Tulsipur, Cuttack-753008
email	<a href="mailto:chromlife@chromlife.net">chromlife@chromlife.net</a>
Telephone	0671-2302727, 09437088137
GSTN	21AAJFC8228P1Z4
PAN	AAJFC8228P
MAKE	Ningbo Sjjalab Equipment Co., Ltd., China
MODEL	SJIA650W
Specification	Processing capability: 0.5 mL-500 mL or better Automatic Tuning and Frequency Control Fully digital, Programmable Can run in continuous or pulsed modes Can vary amplitude, time and temperature Real Time digital display of parameters including wattmeter, timer, temperature, power, amplitude Include sound proof enclosure, stand, clamp and laboratory jack.
Basic Price of each	Rs. 2,50,000/-
Total cost of equipment	Rs. 2,50,000/-
Educational discount	Rs. 38,000/-
Price after discount	Rs. 2,12,000/-
GST@5% on equipment against DSIR certificate	Rs. 10,600/-
Standard Warranty provided	3 years warranty from date of installation
Extended warranty/CAMC	AMC charges Rs. 12,000/- per year for 2 years. Afterwards, Rs. 14,000/- for 3 <sup>rd</sup> year. GST as applicable.

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On Site Delivery price (3 year warranty)	Rs. 2,22,600/-
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15. Item: Visible Spectrophotometer

Name of the Firm	M/s Mohapatra Scientific Supply Syndicate
Address of the firm	F2G/30, Indradhanu market complex, IRC Village, Bhubaneswar 751015
email	mohasyn.bbsr@gmail.com
Telephone	0674-2360684
GSTN	21AAUPM3341G1ZT
PAN	AAUPM3341G
MAKE	Chemiline
MODEL	C1320
Specification	Spectral band width—4nm Alphanumeric LCD (70*40 mm blue lit LCD) Range- 320-1100nm Accuracy- 2 nm Accuracy-0.002 @ 500 nm Tungsten halogen lamp Detector- silicon photo diode Resolution- 0.1%T, 0.001ABS Grating- 600line/nm Accessories-4 nos. glass cuvette
Basic Price of each	Rs.31000/-
Total cost of equipment	Rs.31000/-
Educational discount	Nil
Price after discount	Rs.31000/-
GST@5% on equipment against DSIR certificate	Rs.1550/-
Standard Warranty provided	3 years
	AMC 4 <sup>th</sup> year @15%, 5 <sup>th</sup> year @20%, 6 <sup>th</sup> year @25% 7 <sup>th</sup> year @35% and 8 <sup>th</sup> year @40% of basic cost of equipment
On Site Delivery price (3 year warranty)	Rs.32550/-

**Group B: Farm Machinery and Field Equipments**

1. Item: Heavy-duty mobile hydra

Name of the Firm	M/s Sheet Profile Company
Address of the firm	Main Road, Gosaninuagaon, Berhampur-3
email	sheetprofile.office@gmail.com
Telephone	9437576145
GSTN	21AMFS1533N1Z3
PAN	AAMFS1533N
MAKE	ACE
MODEL	Rhino 90 C
Technical specification	Lifting capacity: 9tonne(SWL) Engine: 48BHP at 2200 rpm, water cooled, 4 cyl diesel engine Boom height- 9 m (29.3 ft), Transmission- 6 forward & 2 reverse speed with high low range selector, Steering- hydraulically operated with 55 degree articulation on either side, turning radius- 5.5 m Hoist mechanism: 4 Fall, hydraulic winch, Rope dia min. 13 mm, Speed- 29 kmph without load, ROPS
Basic Price of each	Rs13,61,000/-
Total cost of equipment	Rs13,61,000/-
Educational discount	Rs65,000/-
Price after discount	Rs12,96,000/-
GST@5% on equipment against DSIR certificate	Rs64,800/-

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Standard Warranty provided	1 year
On Site Delivery price (1 year warranty)	<b>Rs13,60,800/-</b>

2. Item: Boom sprayer

Name of the Firm	M/s Pragati Traders
Address of the firm	11/2, Industrial Estate, Madhupatna, Cuttack 753010
email	pragatiengineering66@yahoo.com
Telephone	9437053066
GSTN	21AAHFP9227B1ZL
PAN	AAHFP9227B
MAKE	Boraste Agro
MODEL	SPT-SPT-3A
Technical specification	Tractor mounted, Boom length: 40 feet, No. of nozzles: 25, Nozzle spacing: 20 inch, Swath width: 12.2 m, pump discharge: rate: 36 lpm, suitable for operation with 35 hp tractor with 540 PTO rpm, Tank capacity: 400 litres, working pressure: 100 psi, maximum pressure: 400 psi(28 kg/cm2)
Basic Price of each	Rs1,71,429/-
Total cost of equipment	Rs1,71,429/-
Educational discount	-
Price after discount	Rs. 1,71,429/-
GST@5% on equipment against DSIR certificate	Rs. 8,571/-
Standard Warranty provided	1 year
On Site Delivery price (1 year warranty)	<b>Rs.1,80,000/-</b>

3. Item: Mini Tractor (27hp)

Name of the Firm	M/s Sahoo Agro Chemicals
Address of the firm	Roxy Hotel campus, Badambadi, Cuttack-753009
email	laxmin_2008@rediffmail.com
Telephone	0671-2311334
GSTN	21AAMFS1461P1ZW
PAN	AAMFS1461P
MAKE	VST Tillers Tractor Ltd., Bangalore
MODEL	VST Shakti 270 VIRAT TRACTOR 4W
Technical specification	27 hp,4 cylinder 4 WD, power steering, cage wheel,hitch bracket, drawbar and hood, PTO speed : 540 rpm
Basic Price of each	Rs. 4,00,400/-
Total cost of equipment	Rs. 4,00,400/-
Educational discount	-
Price after discount	Rs. 4,00,400/-
GST@5% on equipment against DSIR certificate	Rs. 20,020/-
Insurance	Rs. 12,000/-
Registration charges	Rs. 22,000/-
Standard Warranty provided	3 years
On Site Delivery price (3 year warranty)	<b>Rs. 4,54,420/- (with registration)</b> <b>Rs. 4,32,420/- (without registration)</b>

4. Item: Weigh Bridge

Name of the Firm	M/s Kumar Systems
Address of the firm	2284, JaradevVihar Square, Bhubaneswar, 751013
email	eutech_rkj@yahoo.com
Telephone	0674-2360192, 9861093655
GSTN	21ADFPJ3267Q1ZB
PAN	ADFPJ3267Q


MAKE	EUROTECH
MODEL	ETW05
Technical specification	Capacity: up to 5 tonne , Accuracy: 2 kg, Platform size: 5 m x 3 m (minimum 10 mm MS plate with ISMB 250 mm beam) with compression load cell, with civil foundation including display unit and printer, complete installation with 25 mm cable with complete software, hardware , cables, interface to computer for data accusation.
Basic Price of each	Rs. 4,02,850/-
Total cost of equipment	Rs. 4,02,850/-
Educational discount	-
Price after discount	Rs. 4,02,850/-
GST@5% on equipment against DSIR certificate	Rs. 20,143/-
Standard Warranty provided	3 years
On Site Delivery price (3 year warranty)	<b>Rs. 4,22,993/-</b>

5. Item: Torque Signal Conditioner

Name of the Firm	M/s Legion Brothers
Address of the firm	472/5, Srigandhadakavalu, Kottigepalya, Bangalore-560091
email	info@legionbrothers.com
Telephone	23587927, 9448428695
GSTN	29AJKPD8129J1ZU
PAN	AJKPD8129J
MAKE	Legion Brothers
MODEL	TSC 91
Technical specification	Modulation Type: FM/FM (100 kHz deviation typical), Capture Range: 9.90 MHz to 11.10 MHz, Center Frequency: 10.68 MHz, Modulated Frequency Range: 1.0 kHz to 2.2 kHz, Input Signal Amplitude Range: 0.30 mV to 3.0 V, Standard Output: 0 TO +10V, Optional Outputs: 0 to ± 5V (differential) 0 to ± 5V (isolated) 0 to ± 1mA (single-ended) 4 to 20 mA (isolated), 0 to ± 1V, 0 to ±.5mA, Signal To Noise Ratio: Better than 40 dB, Repeatability: 0.1% of full scale, Linearity: 0.1% of full scale, Accuracy: ± 0.5% of full scale, Power Requirements: 109-121 VAC / 60 Hz, Power Dissipation: 10.8 Watts (Maximum), Power supply Current: 450 mA (Maximum), Input Impedance: 100 kOhms, Output Impedance: 1 Ohm, Temperature Range: 14EF to 149EF – operating, Interface: 10 Pin terminal block, Elapse Time Indicator: Optional, Construction: Aluminium alloy enclosure, Weight: 12.0 lbs
Basic Price of each	Rs. 73,000/-
Total cost of equipment	Rs. 73,000/-
Educational discount	-
Price after discount	Rs. 73,000/-
GST@5% on equipment against DSIR certificate	Rs. 3,650/-
Standard Warranty provided	3 years
On Site Delivery price (3 year warranty)	<b>Rs. 76,650/-</b>

6. Item: Charge Amplifier for Torque Transducer


Name of the Firm	M/s Legion Brothers
Address of the firm	472/5, Srigandhadakavalu, Kottigepalya, Bangalore-560091
email	info@legionbrothers.com
Telephone	23587927, 9448428695
GSTN	29AJKPD8129J1ZU
PAN	AJKPD8129J
MAKE	Legion Brothers
MODEL	Monad Digitizer

Technical specification 	Number of channels: 1 , Measurement range pC: ±50 to 900000, Frequency range: (-2dB) Hz ≈18 000 (<±800 pC), Time constant: long /short, Connector type: KIAG 10-28UNF, Measurement range adjustment : Continuously variable, Analog output –Operation Network commands PLC configuration, Interfaces EtherCAT : μsmin 100, EtherNet/IP - μsmin 1000, PROFINET : μsmin 250, Operating voltage VDC: 18 to 30, Power consumption W: <4, Operating temperature range °C : -20 to 65, Peak value acquisition, Internal scaling of measurement values
Basic Price of each	Rs. 74,900/-
Total cost of equipment	Rs. 74,900/-
Educational discount	-
Price after discount	Rs. 74,900/-
GST@5% on equipment against DSIR certificate	Rs. 3,745/-
Standard Warranty provided	3 years
On Site Delivery price (3 year warranty)	<b>Rs. 78,645/-</b>

7. Item: Engine Test Software

Name of the Firm	M/s Legion Brothers
Address of the firm	472/5, Srigandhadakavalu, Kottigepalya, Bangalore-560091
email	info@legionbrothers.com
Telephone	23587927, 9448428695
GSTN	29AJKPD8129J1ZU
PAN	AJKPD8129J
MAKE	Legion Brothers
MODEL	Engine Test Express
Technical specification	Windows based powerful software for real time data measurement, auto zoom graphs, analog and digital display of data in the computer, store indefinite no of graphs for analysis. Facilities to export data to Microsoft excel.
Basic Price of each	Rs. 73,000/-
Total cost of equipment	Rs. 73,000/-
Educational discount	-
Price after discount	Rs. 73,000/-
GST@5% on equipment against DSIR certificate	Rs. 3,650/-
Standard Warranty provided	3 years
On Site Delivery price (3 year warranty)	<b>Rs. 76,650/-</b>

8. Item: Engine Combustion Analysis Card

Name of the Firm	M/s Legion Brothers
Address of the firm	472/5, Srigandhadakavalu, Kottigepalya, Bangalore-560091
email	info@legionbrothers.com
Telephone	23587927, 9448428695
GSTN	29AJKPD8129J1ZU
PAN	AJKPD8129J
MAKE	Legion Brothers
MODEL	Raisberry
Technical specification 	Ram : 1 GB Ram, Speed: A1.2 GHZ 64 – bit, Processor : Quad – core ARM V8 CPU, Communication:802.11n Wireless LAN, Compatible: Bluetooth 4.1, Energy consumption : Bluetooth Low Energy (BLE), Ports :4 USB ports, PINS : 40 GPIO pins, PORT : Full HDMI port , Internet communication : Ethernet port , Audio : 3.5mm audio jack, Video : composite video, Camera interface : Camera interface (CSI), Display : Display interface (DSI) , External storage: Micro SD card slot (now push-pull rather than push-push) - VideoCore IV 3D graphics core, Voltage : 12volts, Resolution : 14 bits, Impedance : High Impedance , Input

	frequency : 50 hz (Accuracy: between 1hz and 10 khz) , Signal To Noise Ratio: Better than 40 dB, Repeatability : 0.1% of full scale, Linearity : 0.1% of full scale, Accuracy : +/- 0.5% of full scale
Basic Price of each	
Total cost of equipment	Rs. 72,000/-
Educational discount	-
Price after discount	Rs. 72,000/-
GST@5% on equipment against DSIR certificate	Rs. 3,600/-
Standard Warranty provided	3 years
On Site Delivery price (3 year warranty)	<b>Rs. 75,600/-</b>

9. Item: Engine Control Panel with Monitor

Name of the Firm	M/s Legion Brothers
Address of the firm	472/5, Sriganthadakavalu, Kottigepalya, Bangalore-560091
email	info@legionbrothers.com
Telephone	23587927, 9448428695
GSTN	29AJKPD8129J1ZU
PAN	AJKPD8129J
MAKE	Legion Brothers
MODEL	DACP
Technical specification	Dimension: 800 mm (L) x 300 mm (B) x 540 mm (H). The panel should be fabricated with suitable 2 mm CR sheet and mounted on a tractor. It should be as per IS standard; The front portion of the panel should be provided with facility to mount touch screen display monitor, Printer, UPS and storage space for first aid and others. Finishing with powder coating
Basic Price of each	Rs. 74,380/-
Total cost of equipment	Rs. 74,380/-
Educational discount	-
Price after discount	Rs. 74,380/-
GST@5% on equipment against DSIR certificate	Rs. 3,719/-
Standard Warranty provided	3 years
On Site Delivery price (3 year warranty)	<b>Rs. 78,099/-</b>

10. Item: Ergonomics Software

Name of the Firm	M/s Pukhya Healthcare
Address of the firm	B-3, Aditya tread Tower, Plot No -4, Local shopping center, O&P pocket, Dilshad Garden, Delhi-110095
email	<a href="mailto:pukhyaindia@yahoo.co.in">pukhyaindia@yahoo.co.in</a> , info@pukhyahealthcare.com
Telephone	011-22594534
GSTN	07AAIFP6121B1ZN
PAN	AAIFP6121B
MAKE	NexGen Ergonomics
MODEL	Ergomaster
Technical specification	Microsoft Window based software suitable for Lift analysis (Materials Handling Assessment, Revised NIOSH Lifting Equation, 2D Biomechanical Prediction, Comfort Survey). Posture Analyst : Postural Assessment , Dimensional Assessment Task Analyst : Tool/Product Assessment, Work Rest Cycles, RULA, Comfort Survey. Workstation Analyst : Workstation Assesesment, Video / Display Assessment, Comfort Survey , Anthropometry Survey
Basic Price of each	Rs. 7,50,000/-
Total cost of equipment	Rs. 7,50,000/-
Educational discount	Rs. 2,47,500/-



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Price after discount	Rs. 5,02,500/-
GST@5% on equipment against DSIR certificate	Rs. 25,125/-
Standard Warranty provided	N/A
On Site Delivery price	<b>Rs. 5,27,625/-</b>

11. Item: Mobile Veterinary Ambulatory Bus

Name of the Firm	M/s Sheet profile Company
Address of the firm	Main Road, Gosaninuagaon, Berhampur-3, Ganjam, Odisha
email	sheetprofile.office@gmail.com
Telephone	(0680) 2401145/ 9437576145
GSTN	21AAMFS1533N1Z3
PAN	AAMFS1533N
MAKE	Sheet Profile Company and Azael Manufacturing Pvt. Ltd.
MODEL	Sheet Profile Company and Azael Manufacturing Pvt. Ltd.
Technical specification	As per tender
Basic Price of each	Rs 60,38,571/-
Total cost of equipment	Rs 60,38,571/-
Educational discount	Rs 6,10,000
Additional education discount	Rs.200000/-
Price after discount	Rs 52,28,571/-
GST@5% on equipment against DSIR certificate	Rs 2,61,429/-
Standard Warranty provided	1 year
On Site Delivery price	<b>Rs 54,90,000/-(1 year warranty)</b> <b>Rs 68,58,000/- (with 3 years warranty)</b>

**Group D: Computers, Printers, Networking and other Accessories**

1. Item: Plotter (A0 Size) (Option II)

In addition to the rate contract made vide rate contract no.549/CAET, dt.20.03.2019, the following plotter is added as option II.

Name of the Firm	M/s- Reprographics India
Address of the firm	BHEL Ancillary Estate, Ranipur, Hardwar, Uttarakhand-249403
email	<a href="mailto:rihwr@reprographicsindia.co.in">rihwr@reprographicsindia.co.in</a>
Telephone	01334-226722/223074/223460, 01334-226889
GSTN	05ADPPK1227R1Z4
PAN	ADPPK1227R
MAKE	Repro MFP
MODEL	SC42-IPF8410SE
Technical specification	Printer Type: Wide format printer-cum-copier-scanner Print Technology: Inkjet Type of Printing: Colour Ink colour: 6 (BK/MBK/C/M/Y/R) Media Size supported: 42" (scan and print/plot) USB 3.00 (scan), USB 2.0 (plotter) Printing speed: 1A0 per 56 sec Print Resolution: 2400 x 1200 dpi Scanning resolution: 1200 x 1200Dpi Memory: 4 GB Hard Disc: 500 GB Standard build-in interfaces: Hi-Speed USB and Ethernet 10/100/1000 With required preloaded software
Basic Price of each	Rs.710000/-
Educational discount	Rs. 30000/-
Total cost of equipment	Rs.680000/-
Special discount	Rs.50000/-

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Price after discount	Rs.630000/-
GST@5% on equipment against DSIR certificate	Rs.31500/-
Standard Warranty provided	3 years
On Site Delivery price	<b>Rs.6,61,500/-</b>
Remarks	AMC for 5 years after standard warranty period Rs. 60,000/- +GST per year.