

COMPARATIVE FINANCIAL REPORT (TENDER # NRPUN 9375-1)
NRPUN PROJECT No. 9375/Punjab/NRPUN/R&D/HEC/2017
(Potential application of natural colourants for textile dyeing with commercialization)

Sr.No.	Items	Specifications of items By End User	Specifications of items by S. U. Enterprises 3-Edward Road, Lahore	Specifications of items by Biorays Enterprises 8 - Karim Center Moj Darya Road, Lahore.	Specifications of items by New Chemical Centre 3 - Edward Syed Moj Darya Road, Lahore	Specifications of items by Shams Scientific Traders, 481- Jinnah Colony Faisalabad	Remarks/ Recommendation
1	Ultrasonic Bath	Stamped stainless steel 304 tank without welding gap SUS 304 stainless steel lid, basket and housing Adjustable Heating = 0-80 °C, 40 KHz, 220 V	Rs.2,70,000/- (PKR)	Rs. 38,435/- (PKR)	Rs.50,000/- (PKR)	Rs.50,000/- (PKR)	Biorays Enterprises, Lahore has quoted the lowest price than others
2	Light Fastness Tester	1. Digital Controlled LCD Display 2. On/Off switch for power 3. Power consumption 100-watt max. 4. MBTL lamp 500 watts (cooling cells are optional each 4500) 5. Standard= AATCC or SDC	Not Quoted	Rs.238,387/- (PKR)	Rs.2,51,000/- (PKR)	Rs.2,49,000/- (PKR)	Biorays Enterprises, Lahore has quoted the lowest price than others
3	Electronic Crock Metre	1. Rubbing Head 16 mm 2. Rubbing Stroke 100 mm 3. Rubbing Speed ; Adjustable 4. Sand Piecesw ; 2 paper 5. Rings 2 pieces 6. Standard= AATCC or SDC	Not Quoted	Rs. 197,496/- (PKR)	Rs.1,21,000/- (PKR)	Rs.1,20,000/- (PKR)	Shams Scientific Traders, Faisalabad quoted the lowest price
4	pH Meter	1. Temperature 0.0 – 70 °C 2. Resolution of pH = 0.1 pH	Not Quoted	Rs.74,810/- (PKR)	Rs.60,000/- (PKR)	Rs.58,000/- (PKR)	Shams Scientific Traders, Faisalabad

		<p>3. Accuracy (@20°C/68°F) pH = ± 0.1 pH</p> <p>4. Probe = pH/EC/TDS/T, 1m Probe Cable included</p> <p>5. Battery Type/Life = 9V/approximately 150 h of continuous use</p> <p>6. Environment = 0 to 50°C (32 to 122 °F); RH 100%</p> <p>7. Dimensions/ Weight = 145×80×36 mm (5.7×3.1×1.5ⁿ)/ 230g (8.1 oz.)</p>					quoted the lowest price
5	Drying Oven SLN 32 Pol-Eko	<p>1. Temperature Range (°C) = +5 °C above ambient temperature +300 °C</p> <p>2. Temperature resolution every (°C)= 0,1</p> <p>3. Over temperature protection = class 2.0 to DIN 12880/class 3.1 (option)</p> <p>4. Shelves (standard/max) =1//3</p> <p>5. Weight [kg]= 35</p> <p>6. Voltage* = 230V 50Hz</p> <p>7. Nominal power [W]= 1200</p> <p>8. Warranty= 24 months</p>	Rs.1,40,000/- (PKR)	Rs.38,435/- (PKR)	Technically Rejected	Rs.1,48,000/- (PKR)	Biorays Enterprises, Lahore has quoted the lowest price than others Biorays Enterprises
6	Light Box (Color Assessment Cabinet)	<p>1. Digital controlled LCD display with Auto Power Off</p> <p>2. Meets Standard= AATCC OR</p>	Not Quoted	Technically Rejected	Technically Rejected	Rs. 50,000/- (PKR)	Shams Scientific Traders (Faisalabad) quoted the lowest

		SDC 3. Standard gray colour 4. Dimensions WxDxH (30* 18* 24) 5. Standard illuminates i. D-65 illuminates= 2 Nos ii. TL-84 illuminate = 01Nos iii. Cwf illuminate = 01Nos iv. UV illuminate = 01Nos v. Incandescent lamp = 4Nos					price
		CDR required	13600	13600	13600	13600	
		CDR deposited	13600	13600	13600	13600	
		Shortage	0	0	0	0	

1. Certified that 04 bids have been received and opened.
2. Certified that M/S Bio Rays against item. No. 1, 2 & 5 and M/s Shams Scientific against item. No. 3, 4 & 6 have quoted the lowest bid / rates against the Admin approval Rs: 680,000/-
3. Certified that no departure has been committed from the prevailing rules of Tendering.

1. Mr. Qamar Bahadar (Member)

2. Mr Shahid Adeel Co-PI/ Member

3. Dr. Fazal-ur-Rehman PI/ Convener

4. Dr. Fazal-ur-Rehman (Chairperson)