



BID EVALUATION REPORT (CENTRAL LAB EQUIPMENTS, 03/2023-24 PROJECT)

1. **PPRA Reference No.** 202307T31102023985
2. **Date and Time of Bid Closing:** 20-11-2023 @ 11:00 A.M
3. **Date and Time of Bid Opening:** 20-11-2023 @ 11:30 A.M
4. **No. of bids received:** 07 (Seven)
5. **Item:** Central Lab Equipment's (IPB-716)

The tender opening was held on 20/11/2023 for Central Lab Items. Seven (07) bidders participated in tendering process. The names of the bidders/firms are as under;

1. Pakistan Hospital and Industrial Laboratory Co
2. H.A Shah & Sons, Islamabad
3. Chemical House
4. Rays Technologies, Lahore
5. Technology links
6. Kamstec international
7. Prime Scientific Corp, Lahore

Revised Technical Report is as under:

| A- CENTRAL LAB EQUIPMENT: | | | | | | | | | | | |
|---------------------------|---|-----|---|---|----------------|---|--|--|--|---|--------------|
| Sr | ITEM DESCRIPTION (CENTRAL LAB EQUIPMENT) | Qty | Pakistan Hospital and Industrial Laboratory Co. | H. A. Shah & Sons, Islamabad | Chemical House | Rays Technologies Gulberg-III Lahore | Technology links | Kamstic international | Prime Scientific Corporation, Lahore. | Qualified | Disqualified |
| 1 | Atomic Absorption Spectrophotometer: | 1 | Not Quoted | Agilent 280FS Atomic Absorption Spectrometer Flame and Hydride AAS Compact high-performance atomic absorption spectrometer for flame technology in absorption and emission mode with external PC control. Malaysia Dell Optiplex 3000,11 th generation,core i7-processor,16GB RAM, 01 terabyte | Not Quoted | Atomic Absorption Spectrophotometer novAA800 F - 08000-2 AAS novAA 800F 230 V, 50/60 Hz Compact Spectrometer for Flame with Hydride AAS with external PC-control and Control- and Evaluation software ASPECT LS and Auto Sampler AnalyticJena Germany Dell Optiplex | Model AA-7800F Shimadzu China Dell Optiplex 3000,11 th generation,core i7-processor,16GB RAM, 01 terabyte SSD,PCI NVME M2(latest gen),Intel Shared Graphics,Keyboard and Mouse included DVD R/W,21"LED Printer HP 404dn,compatible UPS with 30 min backup | GBC Savant true double beam atomic absorption spectrometer with flame emission capability (99-0578-00) GBC Australia Dell Optiplex 3000,11 th generation,core i7-processor,16GB RAM, 01 terabyte SSD,PCI NVME M2(latest gen),Intel Shared Graphics,Keyboard and Mouse included DVD R/W,21"LED | 9423 500 33301 iCE 3300 AA Spectrometer (wide PMT) • Flame and Hydride AAS With 10 Years Dell Optiplex 3000,11 th generation,core i7-processor,16GB RAM, 01 terabyte SSD,PCI NVME M2(latest gen),Intel Shared Graphics,Keyboard and Mouse included DVD R/W,21"LED Printer HP 404dn,compatible | Prime Scientific Corporation Rays Technologies Kamstec International Technology Links H.A. Shah & Sons | - |



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| | | | | SSD,PCI NVME M2(latest gen),Intel Shared Graphics,Keyboard and Mouse included DVD R/W,21"LED Printer HP 404dn,compatible UPS with 30 min backup | | 3000,11 th generation,core i7-processor,16GB RAM, 01 terabyte SSD,PCI NVME M2(latest gen),Intel Shared Graphics,Keyboard and Mouse included DVD R/W,21"LED Printer HP 404dn,compatible UPS with 30 min backup | | Printer HP 404dn,compatible UPS with 30 min backup | UPS with 30 min backup | | |
| 2 | Real time PCR | 1 | Model: AriaMX Brand: Agilent Technologies, USA. Country of Origin: Malaysia. Dell Optiplex 3000,11 th generation,core i7-processor,16GB RAM, 01 terabyte SSD,PCI NVME M2(latest gen),Intel Shared Graphics,Keyboard and Mouse included DVD R/W,21"LED Printer HP 404dn,compatible UPS with 30 min backup | Model: A28560, QuantStudio 5. Brand: Thermo Fisher Scientific USA. Country of Origin: Singapore Dell Optiplex 3000,11 th generation,core i7-processor,16GB RAM, 01 terabyte SSD,PCI NVME M2(latest gen),Intel Shared Graphics,Keyboard and Mouse included DVD R/W,21"LED Printer HP 404dn,compatible UPS with 30 min backup | Model: CFX Opus 96 Real-time PCR Brand: Bio-Rad Laboratories, Europe GmhH. Country of Origin: Singapore Dell Optiplex 3000,11 th generation,core i7-processor,16GB RAM, 01 terabyte SSD,PCI NVME M2(latest gen),Intel Shared Graphics,Keyboard and Mouse included DVD R/W,21"LED Printer HP 404dn,compatible UPS with 30 min backup | Model: qTOWER ³ G (230 V), incl. color module 1. Brand: AnalytikJena, Germany. Dell Optiplex 3000,11 th generation,core i7-processor,16GB RAM, 01 terabyte SSD,PCI NVME M2(latest gen),Intel Shared Graphics,Keyboard and Mouse included DVD R/W,21"LED Printer HP 404dn,compatible UPS with 30 min backup | Not Quoted | Not Quoted | Not Quoted | Chemical House H.A.Shah & Sons Rays Technologies Pakistan Hospital and Industrial Laboratory Co | - |
| 3 | FLUORESCENCE MICROSCOPE | 1 | Model: BX43 Brand: Olympus, Japan. Dell Optiplex 3000,11 th generation,core i7- | Not Quoted | Not Quoted | Model: CX43LED, Brand: Olympus, Japan. Country of Origin:China. Dell Optiplex 3000,11 th | Model: CF160, Brand: Nikon, Japan. Country of Origin: Japan. Dell Optiplex 3000,11 th | Not Quoted | Not Quoted | Technology links Rays Technologie | - |



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| | | | processor,16GB RAM, 01 terabyte SSD,PCI NVME M2(latest gen),Intel Shared Graphics,Keyboard and Mouse included DVD R/W,21"LED Printer HP 404dn,compatible UPS with 30 min backup | | | generation,core i7-processor,16GB RAM, 01 terabyte SSD,PCI NVME M2(latest gen),Intel Shared Graphics,Keyboard and Mouse included DVD R/W,21"LED Printer HP 404dn,compatible UPS with 30 min backup | generation,core i7-processor,16GB RAM, 01 terabyte SSD,PCI NVME M2(latest gen),Intel Shared Graphics,Keyboard and Mouse included DVD R/W,21"LED Printer HP 404dn,compatible UPS with 30 min backup | | | s | |
| 4 | FTIR Spectrophotometer | 1 | Not Quoted | G8043AA Cary 630 FTIR Instrument with Software Bundle Includes choice of KBr or ZnSe engine, choice of accessories, software, power cord and USB cable. Agilent Cary 630 is a robust, easy to use, superior performing FTIR in a compact package. G8043AA#320 Cary FTIR Diamond ATR Agilent Technologies, Malaysia Dell Optiplex 3000,11 th generation,core i7-processor,16GB RAM, 01 terabyte SSD,PCI NVME | Not Quoted | FT-IR 650-X interspec Spectrometer with Zinc Selenide optics & Zinc Selenide ATR European Union Made Compact FT-IR spectrometer for quick, easy and reliable Made in European Union Astonia Dell Optiplex 3000,11 th generation,core i7-processor,16GB RAM, 01 terabyte SSD,PCI NVME M2(latest gen),Intel Shared Graphics,Keyboard and Mouse included DVD R/W,21"LED Printer HP 404dn,compatible UPS with 30 min backup | Shimadzu- IR Spirit-T Japan-UK Dell Optiplex 3000,11 th generation,core i7-processor,16GB RAM, 01 terabyte SSD,PCI NVME M2(latest gen),Intel Shared Graphics,Keyboard and Mouse included DVD R/W,21"LED Printer HP 404dn,compatible UPS with 30 min backup | Bruker Optics Germany ALPHA II- ECO FT-IR spectrometer with ECO ZnSe- ATR Quick snap Sampling Module Dell Optiplex 3000,11 th generation,core i7-processor,16GB RAM, 01 terabyte SSD,PCI NVME M2(latest gen),Intel Shared Graphics,Keyboard and Mouse included DVD R/W,21"LED Printer HP 404dn,compatible UPS with 30 min backup | Nicolet" summit" lite FTIR spectrometer Thermofisher Scientific USA Dell Optiplex 3000,11 th generation,core i7-processor,16GB RAM, 01 terabyte SSD,PCI NVME M2(latest gen),Intel Shared Graphics,Keyboard and Mouse included DVD R/W,21"LED Printer HP 404dn,compatible UPS with 30 min backup | H. A. Shah & Sons, Islamabad Prime Scientific Corporation, Lahore. Technology links | 1. Kamstec international Because they quoted Zinc Selenide instead of diamond ATR as diamond ATR is compulsory in our tender. 2. Rays Technologies Gulberg-III Lahore Because they quoted Zinc Selenide instead of diamond ATR as diamond ATR is |



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| | | | | M2(latest gen),Intel Shared Graphics,Keyboard and Mouse included DVD R/W,21"LED Printer HP 404dn,compatible UPS with 30 min backup | | | | | | | compulsory in our tender |
| 5 | Multi-Channel Potentiostat | 1 | Not Quoted | X13OGL004CIAL OrigaFlex - OGFDRV Drive Unit with a built-in Dummy Cell supplying up to 10 Channels (maximum 20 A in total). OrigaLys ElectroChem SAS, France Dell Optiplex 3000,11 th generation,core i7-processor,16GB RAM, 01 terabyte SSD,PCI NVME M2(latest gen),Intel Shared Graphics,Keyboard and Mouse included DVD R/W,21"LED Printer HP 404dn,compatible UPS with 30 min backup | Not Quoted | Not Quoted | Not Quoted | Not Quoted | Not Quoted | 1. H. A. Shah & Sons, Islamabad | - |
| 6 | Spectrophotometer Florescence | 1 | Not Quoted | G9800A Cary Eclipse includes WinFLR Agilent Technologies Malaysia | Not Quoted | Techcomp FL970 Operated on 220Volts, Model FL970, Techcomp, Hong Kong Dell Optiplex | IRSpirit Series Spectrofluoro photometer RF-6000 Shimadzu Corporation, | Not Quoted | Not Quoted | 1.H. A. Shah & Sons, Islamabad 2. Rays Technologies 3. | |



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| | | | | Dell Optiplex 3000,11 th generation,core i7-processor,16GB RAM, 01 terabyte SSD,PCI NVME M2(latest gen),Intel Shared Graphics,Keyboard and Mouse included DVD R/W,21"LED Printer HP 404dn,compatible UPS with 30 min backup | | 3000,11 th generation,core i7-processor,16GB RAM, 01 terabyte SSD,PCI NVME M2(latest gen),Intel Shared Graphics,Keyboard and Mouse included DVD R/W,21"LED Printer HP 404dn,compatible UPS with 30 min backup | Dell Optiplex 3000,11 th generation,core i7-processor,16GB RAM, 01 terabyte SSD,PCI NVME M2(latest gen),Intel Shared Graphics,Keyboard and Mouse included DVD R/W,21"LED Printer HP 404dn,compatible UPS with 30 min backup | | | Technology links | |
| 7 | Atomic Force Microscope (AFM) | 1 | Not Quoted | Not Quoted | Not Quoted | Not Quoted | Not Quoted | Model: Nanosurf CoreAFM High End SPMSystem for Nanotechnology Switzerland Dell Optiplex 3000,11 th generation,core i7-processor,16GB RAM, 01 terabyte SSD,PCI NVME M2(latest gen),Intel Shared Graphics,Keyboard and Mouse included DVD R/W,21"LED Printer HP 404dn,compatible UPS with 30 min backup | Not Quoted | 1. Kamstec international | - |



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FINANCIAL REPORT:

The sealed financial bids were opened on 22/03/24 at 10.00 AM in the office of the Purchase and the rates of the technically qualified items were announced in loud voice and the report is as follows;

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| 1 | Atomic Absorption Spectrophotometer: | 1 | Not Quoted | Agilent Technologies 280FS Atomic Absorption Spectrometer Malaysia Dell Optiplex 3000, 21"LED Printer HP 404dn,compatible UPS with 30 min backup | Not Quoted | Atomic Absorption Spectrophotometer novAA800 F - 08000-2 AAS novAA 800F 230 V,AnalyticJena Germany Dell Optiplex 3000 ,21"LED Printer HP 404dn,compatible UPS with 30 min backup | Model AA-7800F Shimadzu China Dell Optiplex 3000, ,21"LED Printer HP 404dn,compatible UPS with 30 min backup | GBC Savant true double beam atomic absorption spectrometer with flame emission capability (99-0578-00) GBC Australia Dell Optiplex 3000, 21"LED Printer HP 404dn,compatible UPS with 30 min backup | 9423 500 33301 iCE 3300 AA Spectrometer Dell Optiplex 3000, 21"LED Printer HP 404dn,compatible UPS with 30 min backup | Prime Scientific Corporation Rays Technologies Kamstec International Technology Links H.A. Shah & Sons | - | =13,924,000/- Prime Scientific Corporation, Lahore |
| | | | - | =21,830,000/- | - | =24,662,000/- | =21,990,000/- | =18,054,000/- | =13,924,000/- | | | |
| 2 | Real time PCR | 1 | Model: AriaMX Brand: Agilent Technologies, USA. Country of Origin: Malaysia. Dell Optiplex 3000 ,21"LED Printer HP 404dn,compatible UPS with 30 min backup | QuantStudio 5. Brand: Thermo Fisher Scientific USA. Country of Origin: Singapore Dell Optiplex 3000 ,21"LED Printer HP 404dn,compatible UPS with 30 min backup | Model: CFX Opus 96 Real-time PCR Brand: Bio-Rad Laboratories. Country of Origin: Singapore Dell Optiplex 3000, 21"LED Printer HP 404dn,compatible UPS with 30 min backup | Model: qTOWER ³ G (230 V),Brand: AnalytikJena, Germany. Dell Optiplex 3000, 21"LED Printer HP 404dn,compatible UPS with 30 min backup | Not Quoted | Not Quoted | Not Quoted | Chemical House H.A.Shah & Sons Rays Technologies Pakistan Hospital and Industrial Laboratory Co | - | =7,989,000/- Pakistan Hospital and Industrial Laboratory Co. |
| | | | =7,989,000/- | =11,210,000/- | 10,826,500/- | =15,340,000/- | - | - | - | | | |
| 3 | FLUORESCENCE MICROSCOPE | 1 | Model: BX43 Brand: Olympus, Japan. Dell Optiplex 3000 ,21"LED Printer HP | Not Quoted | Not Quoted | Model: CX43LED Olympus,. Country of Origin:China. Manufacturer: Evident Corp. Japan. | Model: CF160, Brand: Nikon, Japan. Country of Origin: Japan. Dell Optiplex 3000 ,21"LED | Not Quoted | Not Quoted | Technology links Rays Technologies | - | =8,944,400/- Rays Technologies Gulberg-III |



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| | | | 404dn,compatible UPS with 30 min backup | | | Dell Optiplex 3000 ,21"LED Printer HP 404dn,compatible UPS with 30 min backup | Printer HP 404dn,compatible UPS with 30 min backup | | | Pakistan Hospital and Industrial Laboratory Co. | | Lahore |
| | | | =24,978,000/- | | | =8,944,400/- | =11,630,000/- | - | - | | | |
| 4 | FTIR Spectrophotometer | 1 | Not Quoted | G8043AA Cary 630 FTIR Agilent Technologies, Malaysia Dell Optiplex 3000 ,21"LED Printer HP 404dn,compatible UPS with 30 min backup | Not Quoted | FT-IR 650-X interspec Spectrometer with Zinc Selenide optics & Zinc Selenide ATR European Union Made Compact FT-IR spectrometer for quick, easy and reliable Made in European Union Astonia Dell Optiplex 3000, 21"LED Printer HP 404dn,compatible UPS with 30 min backup | Shimadzu- IR Spirit-T Japan-UK Dell Optiplex 3000, 21"LED Printer HP 404dn,compatible UPS with 30 min backup | Bruker Optics Germany ALPHA II- ECO FT-IR spectrometer with ECO ZnSe- ATR Quick snap Sampling Module Dell Optiplex 3000 ,21"LED Printer HP 404dn,compatible UPS with 30 min backup | Nicolet summit lite FTIR spectrometer Thermofisher Scientific USA Dell Optiplex 3000 ,21"LED Printer HP 404dn,compatible UPS with 30 min backup | H. A. Shah & Sons, Islamabad Prime Scientific Corporation, Lahore. Technology links | 1. Kamstec international Because they quoted Zinc Selenide instead of diamond ATR as diamond ATR is compulsory in our tender. 2. Rays Technologies Gulberg-III Lahore Because they quoted Zinc Selenide instead of diamond ATR as diamond ATR is compulsory in our tender | 9,287,000/- Technology links |
| | | | | =9,440,000/- | - | | =9,287,000/- | | =12,980,000/- | | | |
| 5 | Multi-Channel Potentiostat | 1 | Not Quoted | OrigaLys ElectroChem SA/(OGF+01A) OGF+05A), | Not Quoted | Not Quoted | Not Quoted | Not Quoted | Not Quoted | 1. H. A. Shah & Sons, Islamabad | - | =10,620,000/- H. A. Shah & |



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| Sr | ITEM DESCRIPTION (CENTRAL LAB EQUIPMENT) | Qty. | Pakistan Hospital and Industrial Laboratory Co. | H. A. Shah & Sons, Islamabad | Chemical House | Rays Technologies Gulberg-III Lahore | Technology links | Kamstic international | Prime Scientific Corporation, Lahore. | Technically Qualified | Technically Disqualified | Lowest Evaluated Bidder Price and Name |
| | | | | France Dell Optiplex 3000, 21"LED Printer HP 404dn,compatible UPS with 30 min backup =10,620,000/- | | | | | | | | Sons, |
| 6 | Spectrophotometer Florescence | 1 | Not Quoted | G9800A Cary Eclipse includes WinFLR Agilent Technologies /Cary Eclips Malaysia Dell Optiplex 3000, 21"LED Printer HP 404dn,compatible UPS with 30 min backup =11,210,000/- | Not Quoted | Techcomp FL970 Operated on 220Volts, Model FL970, Techcomp, Hong Kong Dell Optiplex 3000, 21"LED Printer HP 404dn,compatible UPS with 30 min backup =9,381,000/- | IRSpirit Series Spectrofluoro photometer RF-6000 Shimadzu Corporation, Dell Optiplex 3000, 21"LED Printer HP 404dn,compatible UPS with 30 min backup =9,550,000/- | Not Quoted | Not Quoted | 1.H. A. Shah & Sons, Islamabad 2. Rays Technologies 3. Technology links | | =9,381,000/- Rays Technologies |
| 7 | Atomic Force Microscope (AFM) | 1 | Not Quoted | Not Quoted | Not Quoted | Not Quoted | Not Quoted | Model: Nanosurf CoreAFM High End SPMSystem for Nanotechnology Switzerland Dell Optiplex 3000, 21"LED Printer HP 404dn,compatible UPS with 30 min backup =22,900,000/- | Not Quoted | 1. Kamstec international | - | =22,900,000/- Kamstec international |



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| <u>SR. NO.</u> | <u>ITEM NAME</u> | <u>QTY</u> | <u>PRICE WITH ALL TAXES*</u> | <u>LOWEST CONTRACTOR NAME*</u> |
|-----------------------|--------------------------------------|-------------------|-------------------------------------|--|
| 1 | Atomic Absorption Spectrophotometer: | 1 | =13,924,000/- | Prime Scientific Corporation, Lahore |
| 2 | Real time PCR | 1 | =7,989,000/- | Pakistan Hospital and Industrial Laboratory Co |
| 3 | FLUORESCENCE MICROSCOPE | 1 | =8,944,400/- | Rays Technologies Gulberg-III Lahore |
| 4 | FTIR Spectrophotometer | 1 | =9,287,000/- | Technology links |
| 5 | Multi-Channel Potentiostat | 1 | =10,620,000/- | H. A. Shah & Sons, |
| 6 | Spectrophotometer Florescence | 1 | =9,381,000/- | Rays Technologies |
| 7 | Atomic Force Microscope (AFM) | 1 | =22,900,000/- | Kamstec international |
| TOTAL | | | =83,045,400/- | - |

*After the analysis of above given rates (firm up cost), item(s) may be decreased/increased/withdrawn on the basis of the decision preferred by the Steering Committee (Project).

Rehana Aslam
02/04/2024
Treasurer