

**DEPARTMENT OF ZOOLOGY
UNIVERSITY OF AZAD JAMMU AND KASHMIR
MUZAFFARABAD-PAKISTAN**



TENDER DOCUMENT

For

**The Purchase of
Scientific Equipments, Chemicals, Glass Wares
&
Office Equipments**

Last Date of submission of quotations/bids:
Tender opening date:

15/11/2016
15/11/2016

Venue:-

**DEPARTMENT OF ZOOLOGY
CHEHLA BANDI CAMPUS
UNIVERSITY OF AZAD JAMMU & KASHMIR
MUZAFFARABAD, PAKISTAN**

Phone: 05822-960434
Fax: 05822-960457 (on request)
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TERMS AND CONDITIONS

- Tenders are required to be furnished with **Earnest Money of 2.0%** of total value of the Bid in form of Pay Order / Call Deposit in favour of Director Finance and Planning, University of Azad Jammu & Kashmir, Muzaffarabad.
- **Tender processing Fee Rs. 500/-** in the form Bank Draft /Postal Order payable to Director Finance and Planning, University of Azad Jammu & Kashmir, Muzaffarabad must accompany the tender documents.
- Last date of receipt of tender is **November 15, 2016 during office hours**, which shall be opened on the **November 15, 2016 at 10:00 am** by the Departmental Purchase Committee, in presence of interested bidders or their authorized representatives.
- The **Departmental Purchase Committee reserves the right to accept or reject** any bid in whole or part without assigning any reason.
- All required documents must be provided at the time of submission of quotation.
- The prices should be on **F.O.R Muzaffarabad**.
- Rates must be valid for a period of **90 days**.
- Detailed specifications are given in the Tender Document. Firms are asked to quote the **prices according to specifications**.
- For Chemicals and Glassware well reputed authorized **sales tax registered dealers** are eligible to participate in tender.
- The supplier shall provide Authorized dealer / agent Certificate.
- **One year complete warranty** or as per manufacturer policy (Lab Equipments/Office Equipment), whichever is more.
- **Payment Schedule:**
 - (a) All payment in **Pak Rupees** (through crossed cheque) after delivery & checking.
 - (b) An amount equal to **10% of total amount** of the bill shall be retained by the University as a **security deposit** in shape of pay order in favour of Director Finance & Planning, which shall be released at the end of the warranty period. This condition is applicable for the supplier of Machinery & Office Equipment.

All **prevailing taxes** must be included in the rates as per Government rules (in separate column).

- **Deductions/Payment of Taxes:**

- 1/5th of the sale tax declared in sales tax invoice presented by the registered supplier shall be deducted at the time of payment.

The deduction of income tax and local taxes as per detail given below:

- a. **Income Tax @ 3.5%.**
- b. **Tajweed-ul-Quran Trust (T.Q.T) @ Rs. 2/- per thousand.**
- c. **Education Cess @ Rs. 5% on (income tax Invoice value).**
- d. **K.L.C @ Rs. 300/- to 600/- shall be made under rules.**

Chairman

Department of Zoology

University of AJ& K Muzaffarabad

Phone: 05822-960434



DEPARTMENT OF ZOOLOGY
University of Azad Jammu and Kashmir
Muzaffarabad
Phone: 05822-960434

No. 1151/Zoo/2016

Dated: 11-9-2016

TENDER NOTICE

Sealed tender are invited for the supply of chemicals, glassware and Lab equipments for Department of Zoology New Campus Chehla Bandi University of Azad Jammu and Kashmir, Muzaffarabad.

CHEMICALS

| Sr. #. | Description | Catalogue No. | Packing/Q quantity | Price in Pak Rs.(including all taxes) |
|--------------------------------|--------------------------------------|---------------|-----------------------|---|
| Microbial-biotechnology | | | | |
| 1. | Acetic acid | | | |
| 2. | Ammonia solution | | | |
| 3. | Chloroform | | | |
| 4. | Diethyl ether | | | |
| 5. | DMSO | | | |
| 6. | DPPH (2,2-diphenyl-1-picrylhydrazyl) | | | |
| 7. | ABTS | | | |
| 8. | Ethanol | | | |
| 9. | Face Mask | | | |
| 10. | Filter paper | | | |
| 11. | Formalin | | | |
| 12. | Iso-propanol | | | |
| 13. | Liquid phenol | | | |
| 14. | MacConkey agar medium | | | |
| 15. | Methanol | | | |
| 16. | MTT compound | | | |
| 17. | Muller Hington agar media | | | |
| 18. | Muller Hington Broth media | | | |
| 19. | Nutrient agar media | | | |
| 20. | Nutrient broth medium | | | |
| 21. | Potato Dextrose agar medium | | | |
| 22. | Potato Dextrose broth medium | | | |
| 23. | Propanol | | | |
| 24. | Sabaourad agar medium | | | |
| 25. | Sabaourad broth medium | | | |
| 26. | Silica gel plates layer (TLC plates) | | | |
| 27. | Sodium citrate | | | |
| 28. | Triton x-100 | | | |
| 29. | Tween 80 | | | |
| 30. | pH ribbon | | | |
| 31. | Magnesium ribbon | | | |
| 32. | Wagner's reagent | | | |
| 33. | Bromine water | | | |
| 34. | Millons reagent | | | |
| 35. | Mercuric chloride | | | |
| 36. | DNS (3,5 dinitrosalicylic acid) | | | |

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|-------------------|---|--|--|--|
| 37. | Benedict's reagent | | | |
| 38. | Bradford reagent | | | |
| 39. | Tetracycline Antibiotic discs | | | |
| 40. | Penicillin G Antibiotic discs | | | |
| 41. | Trimethoprim Antibiotic discs | | | |
| 42. | Ampicillin Antibiotic discs | | | |
| 43. | Chloramphenicol Antibiotic discs | | | |
| 44. | Streptomycin Antibiotic discs | | | |
| 45. | Tobramycin Antibiotic discs | | | |
| 46. | Gentamycin Antibiotic discs | | | |
| 47. | Ciprofloxacin Antibiotic discs | | | |
| 48. | Amoxicillin Antibiotic discs | | | |
| 49. | Kanamycin Antibiotic discs | | | |
| 50. | Nystatin | | | |
| 51. | Acarbose | | | |
| 52. | Sulfonylureas | | | |
| 53. | Biguanides | | | |
| 54. | Warfarin (Coumadin and Marevan) | | | |
| 55. | Dabigatran (Pradaxa) | | | |
| 56. | Apixaban (Eliquis) | | | |
| 57. | Rivaroxaban (Xarelto) | | | |
| 58. | Omeprazole | | | |
| Toxicology | | | | |
| 59. | GENJET DNA Purification kit (250 Reactions) | | | |
| 60. | QIAGEN ARMS PCR master mix kit (100 Reactions) GST Exempted | | | |
| 61. | Proteinase-k (100 g) | | | |
| 62. | dNTPs (1 ml) | | | |
| 63. | Taq DNA polymerase (1000 Units) | | | |
| 64. | Agarose (GST Exempted) | | | |
| 65. | Oligo Primers (Microsatellite Markers) Synthesis | | | |
| 66. | Xmn1 restriction enzyme (500 units) | | | |
| 67. | Methanol | | | |
| 68. | Bovine serum albumin | | | |
| 69. | Anti-MMP-2 antibody | | | |
| 70. | 10 ml blood vacutainer (BD) tubes containing EDTA | | | |
| 71. | Anti-SPARC antibody | | | |
| 72. | Non-fat dry milk powder, | | | |
| 73. | DAB (3, 3-diamino benzidine tetra hydrochloride) | | | |
| 74. | IgG-HRP conjugated secondary antibodies | | | |
| 75. | Petroleum ether | | | |
| 76. | Tris buffer saline | | | |
| 77. | Xylene, | | | |
| 78. | Phosphate buffered saline | | | |
| 79. | Ethidium bromide | | | |
| 80. | Tetramethylethylenediamine (TMEDA or TEMED) | | | |
| 81. | PCR water | | | |
| 82. | Diethyl nitrosamine | | | |
| 83. | Ethanol | | | |
| 84. | Agarose | | | |
| 85. | Polyacrylamide | | | |
| 86. | Testosterone ELISA kits | | | |

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|-----------------|---|--|--|--|
| 87. | Vitamin C | | | |
| 88. | Mercuric Chloride | | | |
| 89. | Alanine Transaminase Activity Assay Kit (Abcam) | | | |
| 90. | Alanine Aminotransferase Activity Assay Kit | | | |
| 91. | Aspartate Transaminase Activity Assay Kit | | | |
| 92. | Chloroform | | | |
| 93. | Alkaline phosphatase Activity Assay Kit | | | |
| 94. | Lactate Dehydrogenase Activity Assay Kit | | | |
| 95. | NaCl | | | |
| 96. | Creatinine Kit | | | |
| 97. | Dimethyl sulfoxide | | | |
| 98. | Uric Acid Kit | | | |
| 99. | Glutamate pyruvate Transaminase Activity Assay Kit | | | |
| 100. | Glucose 6 phosphate dehydrogenase Activity Assay Kit • | | | |
| 101. | 10 cc sterilized syringes | | | |
| 102. | Micro tips (10 ul, 100 ul, 1ml) | | | |
| 103. | Microcentrifuge tube (1.5, 2.0 and 3.0 ml) | | | |
| 104. | Cotton | | | |
| 105. | Laboratory gloves | | | |
| 106. | Disposable Face masks | | | |
| 107. | Plastic zip lock bags | | | |
| Wildlife | | | | |
| 108. | Sucrose | | | |
| 109. | Phenol (Liquid) | | | |
| 110. | Sodium Acetate | | | |
| 111. | Tris HCl | | | |
| 112. | Tris Base | | | |
| 113. | EDTA | | | |
| 114. | Triton-X-100 | | | |
| 115. | Sodium Dodecylsulphate (SDS) | | | |
| 116. | Boric Acid | | | |
| 117. | 100X Elution Buffer (TE Buffer) | | | |
| 118. | Ultrapure PCR Water | | | |
| 119. | CTAB (N-cetyl-N, N, N,-trimethyl ammonium bromide): | | | |
| 120. | Ethidium bromide | | | |
| 121. | DNAzol | | | |
| 122. | 100% Ethanol. | | | |
| 123. | Chloroform: isoamyl alcohol (24:1) | | | |
| 124. | Agarose | | | |
| 125. | Proteinase Kinase | | | |
| 126. | Taq DNA polymerase | | | |
| 127. | DNTPs set | | | |
| 128. | PCR master mix | | | |
| 129. | DNA ladder (100 and 1000 kb) | | | |
| 130. | Sodium chloride | | | |
| 131. | Magnesium chloride | | | |
| 132. | EDTA Tubes for blood sample collection | | | |
| 133. | Micropipettes tips | | | |
| 134. | Yellow Tips 10-100 µl | | | |

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|------------------|----------------------------------|--|--|--|
| 135. | Blue Tips 100-1000 µl | | | |
| 136. | PCR Tube 2 ml. | | | |
| Fisheries | | | | |
| 137. | Potassium Dichromate | | | |
| 138. | Ferrous ammonium sulphate | | | |
| 139. | Ferric Chloride | | | |
| 140. | Ferrous Indicator | | | |
| 141. | Calcium Chloride | | | |
| 142. | Magnesium Sulphate | | | |
| 143. | Potassium –Dihydrogen Phosphate | | | |
| 144. | Di- Potassium hydrogen Phosphate | | | |
| 145. | Mercury Sulphate | | | |
| 146. | Sodium Thiosulphate | | | |
| 147. | Sodium Azide | | | |
| 148. | Silver Sulphate | | | |
| 149. | Ammonium purpurate | | | |
| 150. | Isopropyl Alcohol | | | |
| 151. | Barium Chloride | | | |
| 152. | Sodium Sulphate | | | |
| 153. | Phenolphthalein Indicator | | | |
| 154. | Hexa-methylene Tetra amine | | | |
| 155. | Hydrazine Sulphate | | | |
| 156. | Ammonium Hydroxide | | | |
| 157. | Tris HCL | | | |
| 158. | Phenol | | | |
| 159. | Chloroform | | | |
| 160. | Isoamylalcohol | | | |
| 161. | Ethanol | | | |
| 162. | Sodium acetate | | | |
| 163. | Boric acid | | | |
| 164. | NaCl | | | |
| 165. | NaOH | | | |
| 166. | Tris HCl | | | |
| 167. | Boric Acid | | | |
| 168. | Phenol | | | |
| 169. | EDTA | | | |
| 170. | SDS | | | |
| 171. | Proteinase-K | | | |
| 172. | Ethanol | | | |
| 173. | PCR Water | | | |
| 174. | Agarose | | | |
| 175. | Tris Base | | | |
| 176. | NaOH | | | |
| 177. | Bromophenol blue | | | |
| 178. | Ethidium bromide | | | |
| 179. | Sucrose | | | |
| 180. | PCR master mix | | | |
| 181. | Taq set | | | |
| 182. | NaCl | | | |
| 183. | Sodium acetate | | | |
| 184. | Chloroform | | | |
| 185. | Isoamyl alcohol | | | |
| 186. | Triton X 100 | | | |

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|---------------------------------|--|---------------------|--|--|
| 187. | MgCl ₂ | | | |
| 188. | Eppendorf tubes | | | |
| 189. | PCR tubes | | | |
| 190. | Yellow tips | | | |
| 191. | Blue tips | | | |
| 192. | Tris Base | | | |
| 193. | Bromophenol Blue | | | |
| 194. | Sucrose | | | |
| 195. | Ethidium Bromide | | | |
| 196. | Agarose | | | |
| 197. | Master Mix | | | |
| 198. | Taq Set | | | |
| 199. | PCR Water | | | |
| 200. | SDS | | | |
| 201. | Proteinase K | | | |
| Human Molecular Genetics | | | | |
| 202. | Potassium containing EDTA tubes (BD blood vacutainers tubes) 10ml and 5ml | BD | | |
| 203. | Primers | | | |
| 204. | PCR reagent kit | Invitrogen | | |
| 205. | Proteinase K | Invitrogen | | |
| 206. | Syringes (10ml & 5ml) | BD | | |
| 207. | DNA extraction kit from blood (250 reactions) | Qiagen | | |
| 208. | Taq DNA polymerase | Invitrogen | | |
| 209. | PCR loading dye | Invitrogen | | |
| 210. | DNTPs set | Invitrogen | | |
| 211. | Agarose | Invitrogen | | |
| 212. | Gloves | Powder free / | | |
| 213. | Micropipettes tips 10ul | Invitrogen/ oxygene | | |
| 214. | Micropipettes tips 200 ul / yellow tips | Invitrogen | | |
| 215. | Micropipettes tips (1ml) / Blue tips | Invitrogen | | |
| 216. | T.E buffer | Invitrogen | | |
| 217. | PCR water | Invitrogen | | |
| 218. | Acrylamide | | | |
| 219. | Ethidium Bromide | | | |
| 220. | PCR tubes (1.5 ml) | | | |
| Virology | | | | |
| 221. | DNA Zol 500ml | | | |
| 222. | Tri Reagent 500 ml(Trizol) | | | |
| 223. | Trisma Base | | | |
| 224. | Boric Acid | | | |
| 225. | EDTA | | | |
| 226. | Agarose 500 grams | | | |
| 227. | Absolute Ethanol 10 litre | | | |
| 228. | Isopropanol | | | |
| 229. | Chloroform | | | |
| 230. | Ethidium Bromide | | | |
| 231. | Petri plates | | | |
| 232. | Yellow Tips | | | |
| 233. | Blue tips | | | |
| 234. | Micropipettes Set | | | |
| 235. | Tryptone | | | |

| | | | | |
|------|---------------|--|--|--|
| 236. | Yeast extract | | | |
| 237. | Agar | | | |
| 238. | NaCl | | | |

GLASSWARE

| Sr.# | Description | Catalogue No. | Packing/Q quantity | Price in Pak Rs.(including all taxes) |
|--------------------------------|---|---------------|-----------------------|---|
| Microbial-biotechnology | | | | |
| 239. | Test tubes | | | |
| 240. | Flask (100ml,250ml,500ml,1000ml) | | | |
| 241. | Reagent bottles (80 ml, 100 ml, 250 ml) | | | |
| 242. | Petri dishes | | | |
| 243. | Falcon tubes 15ml,50ml | | | |
| 244. | Sprit lamp | | | |
| 245. | Para film sealing tape | | | |
| 246. | Pipette filters | | | |
| 247. | Floating water bath racks | | | |
| 248. | Aluminum foils | | | |
| Wildlife | | | | |
| 249. | Falcon tubes | | | |
| 250. | Eppendorf tube racks | | | |
| 251. | Yellow tips rack | | | |
| 252. | Blue tip rack | | | |
| 253. | White tip rack | | | |
| 254. | PCR tubes rack | | | |
| 255. | Falcon tube rack | | | |
| 256. | Screw tight solution bottles (100, 250, 500, 1000ml) | | | |
| 257. | 0.2µM filter | | | |
| Toxicology | | | | |
| 258. | Test tubes 10 ml | | | |
| 259. | Spacers for gel | | | |
| 260. | Glass plates for gel | | | |
| 261. | Primer containers | | | |
| 262. | PCR tubes | | | |
| 263. | Eppendorf racks | | | |
| 264. | Micropipette racks | | | |
| 265. | PCR tube racks | | | |
| 266. | Tray for gel transport | | | |
| 267. | Scraper for gel | | | |
| 268. | Beakers 1000ml, | | | |
| 269. | Beakers 500 ml | | | |
| 270. | Titration flasks 500 ml | | | |
| 271. | Measuring cylinders 1000 ml | | | |
| 272. | Measuring cylinder 100 ml | | | |
| Fisheries | | | | |
| 273. | Blue cap screw Bottles 100ml 250ml 500ml 1000ml | | | |
| 274. | Eppendorf box | | | |
| 275. | PCR tubes box | | | |

EQUIPMENTS

| Sr.# | Description | Specification | Catalogue No. | Price in Pak Rs.(including all taxes) |
|--------------------------------|---|---------------|---------------|---------------------------------------|
| Microbial-biotechnology | | | | |
| 276. | Orbital shaker for flasks | | | |
| 277. | Magnetic hot plate with stirrer | | | |
| 278. | Mini centrifuge machine | | | |
| 279. | Agarose gel apparatus | | | |
| Toxicology | | | | |
| 280. | Microtome | | | |
| Wildlife | | | | |
| 281. | Horizontal Gel electrophoresis apparatus with power supply | | | |
| 282. | Hot plate magnetic stirrer | | | |
| 283. | Vertex mixer | | | |
| 284. | Tissue homogenizer | | | |
| 285. | Micropipette set (0.5-10 ul ; 10-100 ul ; 100-1000 ul) | | | |
| 286. | UV light translaminar for gel photographs | | | |
| 287. | Digital autoclave | | | |
| 288. | Global Positioning System (GPS) (Garmin) | | | |
| 289. | Binocular (Barska 20-140x80 Gladiator_Zoom Binoculars - Green Lens AB11184) | | | |
| 290. | Camera Trap (Reconyx HC600 Review) | | | |
| 291. | Celestron LCD Digital Microscope with digital camera | | | |
| 292. | BioSpec 985370-07 Tissue-Tearor Homogenizer for 1-50mL Samples, 5000-35000 rpm, 120 VAC, 8.3cm Probe Length | | | |
| 293. | Thermocycler MultiGene OptiMax 1 x 96 well plate, 12 8 x 0.2mL strip tubes, 96 x 0.2 mL tubes | | | |
| 294. | Portable Field Tents (at least for 5-7 person's accommodation) DG23 - Dome Tents | | | |
| 295. | VWR Barometric Pressure/Humidity/Temperature Module 1871 Accessory Data Acquisition System | | | |
| 296. | VHF transmitters, V6C Ultimate VHF, Radio Transmitter Collars (V6C 163) | | | |
| 297. | Sleeping Bags with sleeping mattress | | | |
| 298. | Rain coats and Snow wears (imported) | | | |
| 299. | Trekking Shoes KKK+ (imported) | | | |
| 300. | Travel Kit / First Aid Kit | | | |
| 301. | Snow Showel collapsible | | | |
| 302. | Parka Suit (breathable waterproof cloth) | | | |
| 303. | Trekking Stick (3 Section Collapsible Anti Shock). (Imported). | | | |
| Fisheries | | | | |
| 304. | Digester (Incubator 20 °C) | | | |
| 305. | Oximeter | | | |
| 306. | pH meter | | | |
| 307. | CO ₂ incubator | | | |
| 308. | BOD/ COD bottles | | | |
| 309. | Falcon Tubes 15-50 ml | | | |

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|------|--|--|--|--|
| 310. | Digital Balance | | | |
| 311. | Horizontal Gel electrophoresis apparatus with power supply | | | |
| 312. | Hot plate magnetic stirrer | | | |
| 313. | Vertex mixer | | | |
| 314. | Tissue homogenizer | | | |
| 315. | Micropipette set (0.5-10 ul ; 10-100 ul ; 100-1000 ul) | | | |
| 316. | UV light translaminar for gel photographs | | | |
| 317. | Digital autoclave | | | |

Chairperson