

YOGI VEMANA UNIVERSITY

Vemanapuram, KADAPA-516003, Andhra Pradesh, INDIA

Dr. A. G. Damu
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No. YVU/KDP/DEVP/AGD/DST-SERB-EMEQ-IInd Year/Consum,ME-Q/2015 12-10-2015

To
The Firms

Sir,

Sub: Dr. A.G. Damu, PI, DST-SERB-EMEQ project-Department of Chemistry-Purchase of Chemicals, Plasticware, Glassware and minor equipment-Call for quotations-Reg.
Ref: YVU/DEVP/AGD/DST-SERB-EMEQ/Consum, Minor Equip, Cont, Man Power & Travel/ IQ/2015-16, dated 15/09/2015

Sealed quotations in triplicate are invited to supply of Chemicals, Plastic ware, Glass ware and minor equipment from firms along with your terms and conditions including clearance, custom duty, FOR etc. The quotations shall reach the **Registrar, Yogi Vemana University, Kadapa-516 003**, on or before 26-10-2015. Mention the reference: YVU/KDP/DEVP/AGD/DST-SERB-EMEQ/CHEM & GW-II/2015-16 on a sealed cover while sending the quotations. You are requested to send a certificate along with your quotation that you are sole authorized dealer for manufacturer companies.

Thanking you

Yours faithfully

(A.G. Damu)

Dr. A.G. Damu
Principal Investigator
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Kadapa-516003

Calling quotation for the following list of glassware and plasticware:

| S.No. | Name | Capacity | Suppliers |
|-------|---|---|-----------------------|
| 1 | Conical Flasks | 25 ml, 50 ml, 100 ml, 250 ml, 500 ml, 1 Lit & 2 Lit | Merck/Borosil/Riviera |
| 2 | Beakers | 25 ml, 50 ml, 100 ml, 250 ml, 500 ml, 1 Lit & 2 Lit | Merck/Borosil/Riviera |
| 3. | Round Bottom Flasks with I/C joint | 1 Lit (19/24 & 24/29) 500 ml (19/24 & 24/29) 250 ml (19/24 & 24/29) 100 ml (19/24 & 24/29) 50 ml (19/24, 24/29 & 14/23) | Merck/Borosil/Riviera |
| 4 | Columns | 60 x 600 mm 40 x 600 mm 30 x 450 mm 18 x 300 mm | Merck/Borosil/Riviera |
| 5 | Melting point tubes | Pack | Merck/Borosil/Riviera |
| 6 | Spatula (steel) | Long, Medium & small | Merck/Borosil/Riviera |
| 7 | Spatula (plastic) | Long, Medium & small | Merck/Borosil/Riviera |
| 8 | a. Micro spatula with flat ends, b. Micro spatula with flat and spoon ends | Long, Medium & small | any |
| 9 | Funnel | 25x25, 50x50 & 75 x75 | Merck/Borosil/Riviera |
| 10 | Powder funnel with I/C joint | 19/24 & 24/29 | Merck/Borosil/Riviera |
| 11 | Dropper | Long tip, Small tip | Merck/Borosil/Riviera |
| 12 | Calcium guard with I/C joint | 19/24 & 24/29 | Merck/Borosil/Riviera |
| 13 | Adaptors enlarging, interchangeable joints | Outer joint 29/32 with Inner joint 14/23, 19/26 and 24/29. | Merck/Borosil/Riviera |
| 14 | Measuring Cylinders | 10, 50, 100 & 250 ml | Merck/Borosil/Riviera |
| 15 | NMR tubes | - | Merck/Borosil/Riviera |
| 16 | Petri plates | Small/medium | Merck/Borosil/Riviera |

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|----|-----------------------------------|--|-----------------------|
| 17 | Buchner Funnel with Sintered Disc | 35 ml, 80ml | Merck/Borosil/Riviera |
| 18 | Buchner Funnel (porcelain) | Top diameter 10, 20, 35, 50, 60, 75, 100, 250 and 400 mm | Merck/Borosil/Riviera |
| 19 | Buchner Funnel (plastic) | Top diameter 10,20,35, 50, 60, 75, 100, 250 and 400 mm | Merck/Borosil/Riviera |
| 20 | Buchner Flask | 25, 50, 100, 250, 500, 1000 ml | Merck/Borosil/Riviera |
| 21 | Rubber cones (neoprene) | OD top-mm 10, 21, 27, 37, 48, 58, 69 and 86 mm | Merck/Borosil/Riviera |
| 22 | Separating Funnel | 2.5 Lit, 1 Lit, 500 ml | Merck/Borosil/Riviera |
| 23 | TLC Chamber | For 7X6 cm plates | Merck/Borosil/Riviera |
| 24 | Plastic micro-pipette Tips | 0.5 -20 µl, 0.5-200 µl, 100-1000 µl. | Merck/Borosil/Riviera |
| 25 | Wattmann filter paper sheets | Ream | Any |
| 26 | Screwdriver kit | One set | Any |

Calling quotation for the following List of Chemicals:

| S.No. | Chemical | Quantity | Make |
|-------|---|-----------------|---------------------|
| 1 | Sodium Chloride | 1Kg | Merck/Avra/Molychem |
| 2 | Ethyl alcohol | 500 ml | Merck/Avra/Molychem |
| 3 | Sodium Phosphate Dibasic [Anhydrous] | 500 g | Merck/Avra/Molychem |
| 4 | Sodium Phosphate Monobasic [Anhydrous] | 500 g | Merck/Avra/Molychem |
| 5 | Potassium dihydrogen phosphate. KH ₂ PO ₄ [Anhydrous] | 500 g | Merck/Avra/Molychem |
| 6 | Sodium hydroxide pellets | 500 g | Merck/Avra/Molychem |
| 7 | Di ethyl ether | 500ml, 2.5 lit | Merck/Avra/Molychem |
| 8 | Sodium sulfate (anhydrous) | 500g/10 kg/20kg | Merck/Avra/Molychem |

| | | | |
|----|--|------------------|---------------------|
| 9 | Dimethylsulfoxide AR Grade | 500 ml, 2.5 lit | Merck/Avra/Molychem |
| 10 | n-Butanol AR Grade | 2.5 lit | Merck/Avra/Molychem |
| 11 | Methanol | 25 lit | Merck/Avra/Molychem |
| 12 | Methanol AR Grade | 2.5 lit | Merck/Avra/Molychem |
| 13 | Chloroform | 25 lit | Merck/Avra/Molychem |
| 14 | Chloroform AR Grade | 2.5 lit | Merck/Avra/Molychem |
| 15 | Petroleum ether | 25 lit | Merck/Avra/Molychem |
| 16 | Petroleum ether AR Grade | 2.5 lit | Merck/Avra/Molychem |
| 17 | Acetone | 25 lit | Merck/Avra/Molychem |
| 18 | Acetone AR Grade | 2.5 lit | Merck/Avra/Molychem |
| 19 | Hexane | 25 lit | Merck/Avra/Molychem |
| 20 | Hexane AR Grade | 2.5 lit | Merck/Avra/Molychem |
| 21 | Ethylacetate | 25 lit | Merck/Avra/Molychem |
| 22 | Ethylacetate AR Grade | 2.5 lit | Merck/Avra/Molychem |
| 23 | Diisopropyl ether AR Grade | 2.5 lit | Merck/Avra/Molychem |
| 24 | Dichloromethane AR Grade | 2.5 lit | Merck/Avra/Molychem |
| 25 | Silica gel 60-120 mesh | 500g/10kg/20 kg | Merck/Avra/Molychem |
| 26 | Silica gel 100-200 mesh | 500g/10kg/20 kg | Merck/Avra/Molychem |
| 27 | Silica gel 200-400 mesh | 500g/10kg/ 20 kg | Merck/Avra/Molychem |
| 28 | Silica gel for TLC | 500g/5kg | Merck/Avra/Molychem |
| 29 | TLC plates Silica gel Aluminum backed sheets (20 x 20) cm | 1 Box | Merck/Avra/Molychem |
| 30 | TLC plates Silica gel Glass backed sheets (20 x 20) cm | 1 Box | Merck/Avra/Molychem |
| 31 | Molecular sieves | 3 Å, 4 Å, 5 Å, | Merck/Avra/Molychem |
| 32 | Acetylcholinesterase from Electric eel (EC. 3.1.1.7) | C3389-500UN | Sigma |
| 33 | α -Glucosidase from saccharomyces | 100UN | Sigma |

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|----|--|---------------------|---------------------|
| 34 | p-nitro phenyl- α -D-glucopyranoside | 1gm | Sigma |
| 35 | β -Glucosidase from ALMOND | 250Mg | Sigma |
| 36 | p-nitro phenyl- β -D-glucopyranoside | 500mg | Sigma |
| 37 | Butyryl choline esterase from horse serum (EC 3.1.1.8) | 500UN | Sigma |
| 38 | DMSO (d6) (duteriated)151874 | 10x0.75ML | Sigma/Merck |
| 39 | Chloroform-d (CDCl ₃) 151823-100G | 100ml | Sigma/Merck |
| 40 | D ₂ O | 100 ml | Sigma/Merck |
| 41 | Ethylene glycol | 500ml/ 2.5lit/5 lit | Sigma/Merck |
| 42 | N,N-Dimethylformamide | 500ml | Merck/Avra/Molychem |
| 43 | Phosporous oxy tri chloride | 500ml | Merck/Avra/Molychem |
| 44 | paraformaldehyde | 500g | Merck/Avra/Molychem |
| 45 | HPLC grade acetonitrile | 500ml, 2.5 Lit | Merck/Avra/Molychem |
| 46 | HPLC grade methanol | 500ml, 2.5 Lit | Merck/Avra/Molychem |
| 47 | HPLC grade H ₂ O | 500ml, 2.5 Lit | Merck/Avra/Molychem |

Calling quotation for the following list of equipment:

| S.No. | Equipment/Instrument | Specifications | Make |
|-------|-----------------------|--|------------------------------|
| 1 | Multi Channel Pipette | 10-100 μ l 50-300 μ l | Eppendorff/Torson/ Thermo |
| 2 | Micro pipette | 0.5-10, 2-20, 20-200 and 100-1000 μ l | Eppendorff/Torson/ Thermo |
| 3 | Mixer grinder | with 4 Jars | Remi, Philips |
| 4 | Pulverizer Machine | For dry plant samples | Any |

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