



## Muralidhar Girls' College

P-411/14, Gariahat Road, Ballygunge, Kolkata – 700029

Website: [www.muralidhargirlscollege.org](http://www.muralidhargirlscollege.org) / Email: muralidhargirls@gmail.com

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### **NOTICE INVITING QUOTATIONS**

No. MGC/LAB/CHEMISTRY/1

Sealed Quotations are invited from the established vendors for Chemistry Laboratory with the following specifications:

#### **Reagent List for Inorganic Qualitative Analysis for Chemistry Hons. Course**

| Serial No. | Name                    | Formula   |
|------------|-------------------------|---|
| 1          | Alizarin-S              |   |
| 2          | Lead acetate            | Pb(CH <sub>3</sub> COO) <sub>2</sub>                              |
| 3          | Sodium carbonate        | Na <sub>2</sub> CO <sub>3</sub>                                   |
| 5          | Sodium hydroxide beads  | NaOH  |
| 6          | Sodium bismuthate       | NaBiO <sub>3</sub>  |
| 7          | Isoamyl alcohol         |   |
| 8          | Dimethyl glyoxime (DMG) |   |
| 9          | Sodium sulphide         | Na <sub>2</sub> S   |
| 10         | Silver nitrate          | AgNO <sub>3</sub>   |
| 11         | Sulphanilic acid        |   |
| 12         | Alpha naphthylamine     |   |
| 13         | Zinc dust (Tin free)    | Zn  |
| 14         | Ammonium molybdate      | (NH <sub>4</sub> ) <sub>2</sub> MoO <sub>4</sub>                  |
| 15         | Starch                  |   |
| 16         | Copper turnings         | Cu  |
| 17         | Iodine (solid)          | I <sub>2</sub>  |
| 18         | Sodium azide            | NaN <sub>3</sub>  |
| 19         | Borax                   | Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub> .10H <sub>2</sub> O |
| 20         | Potassium ferricyanide  | K <sub>3</sub> [Fe(CN) <sub>6</sub> ]                             |
| 21         | Liquor ammonia          | NH <sub>3</sub>   |
| 22         | Ammonium chloride       | NH <sub>4</sub> Cl  |
| 23         | Ammonium carbonate      | (NH <sub>4</sub> ) <sub>2</sub> CO <sub>3</sub>                   |
| 24         | Oxalic acid             | (COOH) <sub>2</sub> .2 H <sub>2</sub> O                           |
| 25         | Hydrochloric acid       | HCl   |
| 26         | Sulphuric acid          | H <sub>2</sub> SO <sub>4</sub>                                    |
| 27         | Nitric acid             | HNO <sub>3</sub>  |
| 28         | Phosphoric acid         | H <sub>3</sub> PO <sub>4</sub>                                    |
| 29         | Glacial acetic acid     | CH <sub>3</sub> COOH  |

| Salts for qualitative analysis (For B.Sc. Chemistry honours) |                        |   |
|--|------------------------|---|
| Sl No.   | Name                   | Formulae  |
| 1  | Sodium Chloride        | NaCl  |
| 2  | Potassium Chloride     | KCl   |
| 3  | Calcium Chloride       | CaCl  |
| 4  | Calcium fluoride       | CaF <sub>2</sub>                                |
| 5  | Strontium Chloride     | SrCl <sub>2</sub>                               |
| 6  | Strontium Sulphate     | SrSO <sub>4</sub>                               |
| 7  | Barium Chloride        | BaCl <sub>2</sub>                               |
| 8  | Barium Nitrate         | Ba(NO <sub>3</sub> ) <sub>2</sub>               |
| 9  | Barium Sulphate        | BaSO <sub>4</sub>                               |
| 10   | Aluminium Sulphate     | AlSO <sub>4</sub>                               |
| 11   | Aluminium Oxide        | Al <sub>2</sub> O <sub>3</sub>                  |
| 12   | Aluminium Chloride     | Al <sub>2</sub> Cl <sub>6</sub>                 |
| 13   | Cromium Sulphate       | Cr <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> |
| 14   | Cromic Oxide           | Cr <sub>2</sub> O <sub>3</sub>                  |
| 15   | Manganese(II) Chloride | MnCl <sub>2</sub>                               |
| 16   | Manganese dioxide      | MnO <sub>2</sub>                                |
| 17   | Manganese(II) Sulphate | MnSO <sub>4</sub>                               |
| 18   | Manganese(II) sulphide | MnS   |
| 19   | Potassium Bromide      | KBr   |
| 20   | Potassium Bromate      | KBrO <sub>3</sub>                               |
| 21   | Potassium Iodide       | KI  |
| 22   | Potassium Iodate       | KIO <sub>3</sub>                                |
| 23   | Ferric Sulphate        | Fe <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> |
| 24   | Ferric Chloride        | FeCl <sub>3</sub>                               |
| 25   | Ferrous Sulphate       | FeSO <sub>4</sub>                               |
| 26   | Ferric Phosphate       | FePO <sub>4</sub>                               |
| 27   | Barium Thiosulphate    | BaS <sub>2</sub> O <sub>3</sub>                 |
| 28   | Sodium Thiosulphate    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>   |
| 29   | Cobalt chloride        | CoCl <sub>2</sub>                               |
| 30   | Cobalt Sulphate        | CoSO <sub>4</sub>                               |
| 31   | Nickel Chloride        | NiCl <sub>2</sub>                               |
| 32   | Nickel Sulphate        | NiSO <sub>4</sub>                               |
| 33   | Copper Sulphate        | CuSO <sub>4</sub>                               |
| 34   | Cupric Borate          | Cu <sub>3</sub> (BO <sub>3</sub> ) <sub>2</sub> |
| 35   | Cupric Chloride        | CuCl <sub>2</sub>                               |
| 36   | Cupric Nitrate         | Cu(NO <sub>3</sub> ) <sub>2</sub>               |
| 37   | Zinc Oxide             | ZnO   |
| 38   | Zinc Sulphate          | ZnSO <sub>4</sub>                               |
| 39   | Potassium Chromate     | KCrO <sub>4</sub>                               |
| 40   | Potassium Dichromate   | K <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub>   |
| 41   | Ammonium Thiocyanate   | NH <sub>4</sub> SCN                             |
| 42   | Ammonium Bifluoride    | NH <sub>4</sub> HF <sub>2</sub>                 |
| 43   | Ferric Oxide           | Fe <sub>2</sub> O <sub>3</sub>                  |
| 44   | Sodium Nitrate         | NaNO <sub>3</sub>                               |
| 45   | Sodium Nitrite         | NaNO <sub>2</sub>                               |
| 46   | Potassium Nitrate      | KNO <sub>3</sub>                                |

|    |   |   |
|----|---|---|
| 47 | Potassium Nitrite                             | $\text{KNO}_2$  |
| 49 | Zinc Sulphide                                 | $\text{ZnS}$  |
| 50 | Ferric Borate                                 | $\text{FeBO}_3$   |
| 51 | Stannic Oxide                                 | $\text{SnO}_2$  |
| 52 | Disodium Hydrogen Phosphate                   | $\text{Na}_2\text{HPO}_4$   |
| 53 | Stannous Chloride                             | $\text{SnCl}_2$   |
| 54 | Mohr Salt                                     | $(\text{NH}_4)_2\text{SO}_4, \text{FeSO}_4, 6 \text{H}_2\text{O}$ |
| 55 | Nickel Borate                                 | $\text{Ni}_3(\text{BO}_3)_2$                                      |
| 56 | Zinc Acetate                                  | $\text{Zn}(\text{CH}_3\text{COO})_3$                              |
| 57 | Di Sodium Ethylene diammine tetra acetic acid | $\text{Na}_2\text{H}_2\text{EDTA}$                                |

**Terms & Conditions:**

1. Quotations are to be addressed to the Principal, Muralidhar Girls' College, P-411/14, Gariahat Road, Ballygunge, Kolkata – 700029, and to be submitted to the office of the Muralidhar Girls' College strictly within 17/11/2017 between 11am to 4pm.
2. The sealed quotations are to be submitted along with valid Trade License, GST/VAT registration Certificate and other necessary documents.
3. The date of opening of Quotations is AFTER 20.11.17.
4. Compliance to this specification shall be acceptable only if the same is available in submitted original printed catalogue. Mere statement of compliance in quotation shall NOT be acceptable. No communication for further clarification regarding compliance will be done.
5. The decision of the authority is final. The authority reserves the rights to accept or reject Quotation without assigning any reason.
6. The College reserves the rights to amend or modify any of the terms and conditions as contend here in and/or to bring forth or incorporate such other terms or further terms and conditions for performance of the job and/or the contract.
7. Payment terms as per Muralidhar Girls' College rules.

**Principal**  
**Muralidhar Girls' College**

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