**BIRLA INSTITUTE OF TECHNOLOGY**

**(Deemed University)**

MESRA-835215, RANCHI

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**Phone :** 0651-2276501­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **E-mail:** purchase1@bitmesra.ac.in & ar.purchase1@bitmesra.ac.in

Enquiry Ref: GPE00010 Date: June 10, 2022

**To,**

 M/s. …………………………………..

 ………………………………….

 **Sealed quotation are invited** from reputed manufacturers/authorized distributors/dealers for entering in to Rate Contract for supply of Chemicals to be used in Water Treatment Plant.

The authorized distributors/dealer should produce the authorization certificate for applying against our RC.

The sealed envelope containing the details, duly completed in all respects, along with all the necessary documents should be submitted to **Registrar /Assistant Registrar (Purchase) Birla Institute of Technology, Mesra, Ranchi – 835215 (Jharkhand)** and must reach on or before **20th June 2022 by 1300 hours**. **Offers sent through Courier / Speed post or e-mail will be accepted.**

**Terms and conditions:-**

1. The bidder should be either a manufacturer or an authorized dealer of the item. The bidder must indicate in their technical bid whether they are manufacturer or a dealer/trader of the item. In case, the bidder is not the manufacturer of the item, they must enclose an authorization certificate from the manufacturer (MAF).
2. The Rate Contract must be valid till **31st July 2023**.
3. No Price variation or enhancement will be accepted during contract period, except on account of changes in rates of GST.
4. FALL CLAUSE: B.I.T. Mesra shall be entitled to the benefit of any decrease in price during the currency of the Rate Contract.
5. Rate Contract will remain for the purpose of delivery for all the stores ordered during the period of the Rate Contract until the deliveries have been completed.
6. Delivery will be made on F.O.R. basis.
7. The order will be placed as per requirement, as and when required, irrespective of the value of the Order.
8. In case of emergency or inability of the RC suppliers BIT Mesra reserves the right to purchase the same item through ad-hoc Contract from any other supplier.
9. GST/IGS:- The following Sale tax document must be enclosed in the proposal :

a) GST/IGS Registration no. , TIN no. with date of validity.

b) Copy of Income Tax PAN No.

1. BIT Mesra reserves the right to reject any /all proposals without assigning any reason whatsoever.
2. As a token of acceptance of Terms & Condition all the pages of the Tender should be signed and sealed.
3. Termination of Rate Contract: The rate contract may be terminated by the Institute anytime without assigning any reason by giving one month notice. Material Test Certificate from a reputed Govt. Laboratory to be provided.
4. The bidder should be either a manufacturer or an authorized dealer of the item. The bidder must indicate in their technical bid whether they are manufacturer or a dealer/trader of the item. In case, the bidder is not the manufacturer of the item, they must enclose an authorization certificate from the manufacturer (MAF).
5. The bidder must enclose the technical leaflet/brochure of the product along with in their technical bid.
6. **Material Test Certificate from a reputed Govt. Laboratory to be provided for quality checking and assurance.**
7. The firm must give an undertaking in their technical bid that the product offered by them conforms to the above specifications.
8. Material Safety Data Sheets: MSDS of the material must be submitted along with the first supply.

 **Registrar**

 BIT Mesra Ranchi-835215

Encl.

1. Annexure I: TECHNICAL SHEET
2. Annexure II: PRICE BID

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 ANNEXURE - I

**TECHNICAL SPECS OF GOODS BEING OFFERED**

**Name of the Bidder: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TENDER REF: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

|  |
| --- |
| **Poly aluminium Chloride (PAC 10) (Liquid)** |
| **Sl. NO.** | **PARAMETERS** | **ACCEPTABLE RANGE** | **Whether product offered within acceptable range?****(Y/N)** |
| 1 | Chemical Type | Oligomeric and Polymeric |  |
| 2 | Appearance | Clear and pale yellow liquid |  |
| 3 | Aluminium as Al2O3 (% by mass) | 10.0 ± 0.3 |  |
| 4 | Insolubles % by mass (maximum) | 0.5 |  |
| 5 | pH of 5% of solution (w/v) | 2.0 to 4.5 |  |
| 6 | Specific Gravity at 25ºC | 1.20 ± 0.02 |  |
| 7 | Aluminium (as AI2O3) %w/w (minimum) | 10.5 ± 0.3 |  |
| 8 | Chloride (% w/w) | 10.5 ± 1 |  |
| 9 | Sulphate (% w/w) (maximum) | 2.7 |  |
| 10 | Basicity % by mass (minimum) | 40 |  |
| **Hypochlorite (Liquid)** |
| **Sl** | **PARAMETERS** | **ACCEPTABLE RANGE** | **Whether product offered within acceptable range?****(Y/N)** |
| 1 | Appearance | Clear and Colourless to yellowish liquid |  |
| 2 | Specific gravity at 25ºC g/cm3 (minimum) | 1.14 |  |
| 3 | Solubility in Water | 100% |  |
| 4 | Available chlorine (%) minimum | 10 |  |
| 5 | Total alkali as NaOH % by mass (Maximum)  | 1.50 |  |
| 6 | Odour | Chlorine like  |  |
| 7 | pH (Range) | 11 to 13 |  |
| **Cationic Polymer (Polyelectrolyte 40%) (Liquid)** |
| **Sl. No.** | **PARAMETERS** | **ACCEPTABLE RANGE** | **Whether product offered within acceptable range?****(Y/N)** |
| 1 | Appearance | Clear, Pale Yellow to Colourless Liquid |  |
| 2 | Ionic Character | Cationic |  |
| 3 | pH (range) | 2 to 5 |  |
| 4 | Viscosity (cps) | 2000 to 10000 |  |
| 5 | Chemical Type |  Polymeric |  |

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 ANNEXURE - II

**PRICE SCHEDULE FOR GOODS BEING OFFERED**

**Name of the Bidder:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TENDER REF: GPE00040**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| **Sl No** | **Item Description** | **Unit** | **Quantity** | **Rate / Kg** | **GST (%)** | **GST Amount / Kg** | **Freight Charges + GST on Freight + Unloading charges****(for monthly delivery)** | **Others (Please specify)** | **Total Price for entire quantity****(all-inclusive)** |
| 1 | **Poly Aluminium Chloride (PAC 10) Liquid Make-Grasim (Aditya Birla Group)**Food Grade | Kg | 60,000 |  |  |  |  |  |  |
| 2 | **Hypo Chlorite Solution 10-12% Liquid Make-Grasim (Aditya Birla Group)**Food Grade | Kg | 50,000 |  |  |  |  |  |  |

**TERMS & CONDITIONS:-**

1. F.O.R. – BIT Mesra, Ranchi
2. Quotation Validity – **Rates are fixed up to 31st July 2023.**
3. Delivery schedule – Monthly (may vary)

|  |  |
| --- | --- |
| Item | Requirement (Approx) |
| Poly Aluminium Chloride (PAC 10) Liquid | 2-3 lots |
| Hypo Chlorise Solution 10-12% Liquid | Monthly basis |

1. Monthly billing. Payment will be made after acceptance of material at BIT Mesra.
2. Price bids are to be given in the above format only.
3. Conditional price bids are liable to be rejected.

***Note: - Please mention the discount being offered on return of empty containers. The discount should be given in the next billing for containers returned in previous month.***

1. Rs.\_\_\_\_\_\_/- per empty container of \_\_\_\_\_ Ltr/Kg
2. Rs.\_\_\_\_\_\_/- per empty container of \_\_\_\_\_ Ltr/Kg
3. Rs.\_\_\_\_\_\_/- per empty container of \_\_\_\_\_ Ltr/Kg

 Signature of Bidder

 Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Business Address:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 PAN No:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 GST No:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_