

NARAINGARH SUGAR MILLS LTD., SHAHZADPUR, TEH. NARAINGARH

Detailed Notice Inviting Tender

Tender is invited for below mentioned Items / Jobs:-

Sr. No.	Description of items / jobs	EMD to be deposited INR.	Start Date & Time of Bid Preparation & Submission	Expiry Date & Time of Bid Preparation & Submission
1.	Supply of process chemicals and cleaning chemicals for sugar mill, ETP chemical and Lab chemicals with apparatus and glass ware for the season 2024-25	EMD mentioned in tech./PQQ bid, party may calculate amount item wise	04.10.24 at 03:00 PM	14.10.24 UPTO 11:00 AM

Under this process, the Pre-qualification / Technical Application as well as BQQ / Commercial Bid are invited at single stage under two covers i.e. PQQ / Technical & BQQ / Commercial Envelope. Eligibility and qualification of the Applicant will be first examined based on the details submitted under first envelope (PQQ / Technical) with respect to eligibility and qualification criteria prescribed in this Tender document. The BQQ / Commercial bid under the second envelope shall be opened for only those Applicants whose PQQ / Technical Applications are responsive to eligibility and qualifications requirements as per Tender document.

- **Earnest Money:** The party will deposit the earnest money (mentioned above in table) by RTGS/NEFT before expiry date. The tender will not be accepted without earnest money. EMD will be refunded in case no order has been placed. In case an order has been placed then EMD will be refunded after delivery of material / completion of Jobs.
- **Bank details for Earnest Money:**
Name: Naraingarh Sugar Mills Ltd.
Bank A/c No. 913020056279987
Bank Name: Axis Bank Ltd.
Branch Name: Banaundi BNU HR, Banaundi-134202
IFSC Code: UTIB0002249

Note: The bids shall be submitted in two separate envelopes.

Signature of the party with seal

Name of the party: _____

Address: _____

Contact No. _____

NARAINGARH SUGAR MILLS LTD., SHAHZADPUR, TEH. NARAINGARH

• **Envelope 1: PQQ / Technical Bid**

Sr. No.	Description of materials	Qty. approx	EMD
A.	Heavy Chemicals :-		
1	Ortho Phosphoric Acid (Food grade) Purity 85%, Active phosphate content not less than 60% free from arsenic (Imported), Density-1.834 gm/cm ³ , Sp. Gravity 1.685	14000 Kg.	40000/-
2	Caustic Soda Flakes (GACL/DCM Shriram/Birla make) Purity – 99.0% Specific Gravity 2.13	30000 Kg.	40000/-
3	Scale softner High silica and high CaO content	2600 Kg.	5000/-
4	Washing soda	2000 Kg.	5000/-
5	Ammonium Bi fluoride	1000 Kg.	5000/-
6	Bleaching powder Active content 30± 2%	1000 Kg.	5000/-
B.	Process Chemicals :-		
1	Diothio Carbamate (40% Active content) Base Biocide	3500 Kg.	5000/-
2	Quaternary Ammonium Compound Biocide (38% Active content)	3500 Kg.	5000/-
3	Biocide for filterate juice	3500 Kg.	8000/-
4	Magna Flocc LT-27 (in original packing) Acryl emide high molecular polymer base, packing in 20 kg., bulk density 790-825 original packing	800 Kg.	5000/-
5	Seed slurry 3-5 Micron Isopropyl, alcohol base	1600 Ltr.	5000/-
6	Mazu 400, Make Diftech	950 Kg.	8000/-

C.	ETP Chemicals	Qty. approx	EMD
1	DAP (Bags)	90 Bags	5000/-
2	Urea (Bags)	45 Bags	
3	Alum	1000 Kg.	

- Food grade certificate to be supplied by the supplier for all the chemicals.
- Letter to party in presence to sample taken every lot (Phosphoric acid, Caustic soda, Biocide-DTC, QAC.)

D . LAB CHEMICAL & APPARATUS & GLASS WARE FOR THE SEASON 2024- 2025**Table 1**

Sr. No.	Description of Chemicals, Equipments & Glassware	Unit	Quantity (Nos.)	EMD
1	Knife of Rappipol Extractor	Set	1	5000/-
2	Whatman Filter Paper No.1 46*57 Cm (Rim of 100 Sheet)	Pkt	1	
3	pH Meter with electrode (Toshniwal/Elico make)	Nos.	1	
4	pH Electrode with protected cover (Toshniwal/Elico make)	Nos.	4	
5	Hand Refractrometer Range (0-32) make ERMA	Nos.	1	
6	Buffer Capsules pH 4.00	10 Capsul	2	
7	Buffer Capsules pH 7.00	10 Capsul	2	
8	Buffer Capsules pH 9.20	10 Capsul	2	
9	Ethanol Absolute (99.9%)	500 ml	2	
10	EDTA (Ethylene diamine tetra acetic acid) crystal	500 gm	1	
11	Fehlings Solution A	500 ml	2	
12	Fehlings Solution B	500 ml	2	
13	Filter Paper Kalpi 18.5 cm (1Pkt*100 Circles)	Pkt	900	
14	Lead Acetate Basic Anhydrous (Merck make)	5 Kg	7	
15	Standered pH paper range 2-10 (Merk/Qualizens)	Pkt	10	
16	Universal Indicator Solution P ^H 4-11	500 ml	3	
17	Lactic Acid (Commercial grade)	Litre	1	
18	Sodium Iodide (NaI)	250 gm	1	
19	Acetic Acid Glacial	500 ml	1	
20	Sodium Hydroxide (NaOH)	500 gm	2	
21	Potassium Hydroxide (KOH)	500 gm	1	
22	Potassium Ferrocyanide (K ₄ FeCN ₆)	500 gm	2	
23	Ammonia (NH ₃) Liquor/Solution	500 ml	1	
24	Hydro Chloric Acid (HCl) 35%-38% & Sp.gravity 1.18	500 ml	2	
25	Sulphuric Acid (H ₂ SO ₄) 98% Pure & Sp.gravity 1.84	500 ml	2	
26	Phenolphthalein Indicator	125 ml	6	
27	Thymolphthalein Indicator	125 ml	3	
28	Starch	250 gm	1	
29	Potassium Dichromate (K ₂ Cr ₂ O ₇)	500 gm	1	

30	Potassium Permanganate (KMnO ₄)	500 gm	1
31	Eriochrome Black T Indicator	50 gm	1
32	Methylene Blue Indicator Solution	250 ml	2
33	B.T.B. Powder (Bromothymol Blue Powder) Indicator	25 gm	2
34	BLEACHING POWDER COMM. 25 Kg Bags	Bag	12
35	Burette (Borosil) Capacity 50 ml	No	2
36	Beaker (Borosil) 250 ml	No	4
37	Beaker (Borosil) 500 ml	No	4
38	Beaker (Borosil) 1000 ml	No	2
39	Volumetric Pipette 50 ml (Borosil)	No	1
40	Volumetric Pipette 25 ml (Borosil)	No	1
41	Graduated Pipette 10 ml Borosil)	No	2
42	Graduated Pipette 05 ml Borosil)	No	2
43	Volumetric Pipette 02 ml (Borosil)	No	2
44	Volumetric Pipette 01 ml (Borosil)	No	2
45	Beaume Hydrometer Brass 0-10	No	4
46	Brix Hydrometer 0-10 (20°C) Germany Make	No	2
47	Brix Hydrometer 10-20 (20°C) Germany Make	No	2
48	Brix Hydrometer 20-30 (20°C) Germany Make	No	2
49	Hand Glove Rubber Acid Proof	Pair	4
50	Measuring Cylinder (Borosil) 500 ml	No	2
51	Measuring Cylinder (Borosil) 1000ml	No	2
52	Measuring Cylinder (PVC) 250 ml	No	6
53	Measuring Cylinder (PVC) 500 ml	No	6
54	Measuring Cylinder (PVC) 1000ml	No	4
55	Dropping Bottle Capacity 100 ml (PVC)	No	5
56	Wash Bottle (500 ml) Cap.	Nos.	2
57	Pol Tube (Borosil) 200 mm for Digital Polarimeter Make focus	No	2
58	Test Tube Stand PVC (Having Cap. to hold 24 nos. test tubes)	No	1
59	Thermameter 0-110°C (Red Alcohol filled)	No	10
60	Thermameter 0-110°C (Zeal Make)	No	2

61	Thermameter 0-360°C Abbot	No	2
62	Volumetric Flask (Borosil) 100 ml	No	6
63	Volumetric Flask (Borosil) 200 ml	No	2
64	Volumetric Flask (Borosil) 250 ml	No	2
65	Volumetric Flask (Borosil) 500 ml	No	4
66	Volumetric Flask (Borosil) 1000 ml	No	4
67	Funnel/Keep (Borosil) dia 10 cm	No	4
68	Funnel/Keep (PVC) dia 10 cm	No.	10

Table 2

Sr. No.	Description of materials	Qty. approx	EMD
	Glass ware & Meters		2000/-
1.	Burette and Burette Stand	01 No.	
2.	300ml Glass Stopper BOD Bottles	10 Nos.	
3.	500ml conical Flask	02 Nos.	
4	Pipettes With Pipettes Bulb	02 Nos.	
5	250 ml graduated cylinders	01 Nos.	
6	Beaker		
A	50ml	05 pcs	
B	100ml	05 pcs	
C	250ml	05 pcs	
D	500ml	05 pcs	
E	1000ml	05 pcs	
7	Volumetric Flask		
A	100ml	05 pcs	
B	250ml	05 pcs	
C	500ml	05 pcs	
D	1000ml	05 pcs	
8	Conical Flask 250ml	05 Nos.	
9	Reagent Bottles		
A	500ml	05 pcs	
B	1000ml	05 pcs	

10	Measuring Cylinder	
A	50ml	02 pcs
B	100ml	02 pcs
C	1000ml	02 pcs
11	Burette with Burette stand	02 Nos.
12	Test Tubes	
A	12ml	30 pcs
B	20ml	30 pcs
13	Glass Rod	02nos
14	Petri Dish	05 Nos.
15	Ph Meter Pen type	06 Nos.
16	Tds Meter Pen type	06 Nos.
17	Hand Towels	20 Nos.
18	Filter Paper	10 Packets
19	Buffer Soln	
A	Ph 4	04 Nos.
B	Ph 9	04 Nos.
	C.O.D. Chemicals	
1.	Potassium Di Chromate	500gm
2.	Silver Sulphate	100gm
3.	Mercuric Sulphate	250gm
4	Conc. H ₂ S ₀₄	15ltr
5	Ferrion Indicator	300ml
6	Ammonium Ferrous Sulphate	1000gm
	B.O.D. Chemicals	
1.	WhatMan Filter Paper No.41	4Pack
2.	Calcium Chloride	500gm
3.	Magnesium Sulphate	500gm
4	Ferric Chloride	500gm
5	Di- Potassium Hydrogen Phosphate	500gm
6	Potassium Di Hydrogen Phosphate	500gm

7	Ammonium Chloride	500gm	
8	Manganous Sulphate	1000gm	
9	Potassium Hydroxide	500gm	
10	Potassium Iodide	500gm	
11	Sodium Azide	250gm	
12	Starch Indicator	250gm	
13	Sodium Thiosulphate	250gm	
14	Ph indicator Universal 500ml	10 Nos.	

- **Quality certificate will be attached with every supply. In case of manufacturer, own certificate and in case of supplier, original certificate taken from manufacturer.**
- **Bid shall be accepted on the basis of above mentioned specifications / make.**

The bidders shall submit the required eligibility documents in the PQQ / Technical Bid having following documents.

Information /documents to be attached by the tenderers with the PQQ / Technical Bid where ever is applicable.

- 1) Copy of latest three year purchase / work order of firms / companies for the same type of materials /Jobs.
- 2) Copy of quality certificate from other customers is required for suppliers who have not supplied to us in last 3 years.
- 3) Certificate of authorized dealership of particular material.
- 4) Certificate from the proprietor/partner/firm authorizing firm's representative to sign/participate in opening and negotiation of the tender (signature duly attested).
- 5) Copy of Sales Tax/GST registration number.
- 6) Copy of PAN Card.
- 7) The information i.e. Firm/Company Name, Complete Address, Contact person, Mobile No. & e-mail ID to be attached.
- 8) EMD or RTGS/NEFT details.

In case of Non-attachment of the above (wherever is applicable) the PQQ bid shall be rejected.

Note: - Any conditional bid, bid deviating from our terms will be rejected.

Note: - In case of Non / Delay supply, previous payment will not be made & will be held to compensate for the losses.

Declaration:-

We declare that we have put up the commercial bid as per format & no change in conditions has been mentioned, the conditions mentioned there in are acceptable to us.

Signature of the party with seal

Name of the party: _____

Address: _____

Contact No. _____

NARAINGARH SUGAR MILLS LTD., SHAHZADPUR, TEH. NARAINGARH

• Envelope 2: BQQ / Commercial Bid

The bidders shall quote the prices in BQQ / Commercial bid format under.

NARAINGARH SUGAR MILLS LTD., SHAHZADPUR, TEH. NARAINGARH (BQQ / COMMERCIAL BID TO BE SUBMIT)

Sr. No.	Description of materials	Qty. approx	Unit Rates INR.
A.	Heavy Chemicals :-		
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- Food grade certificate to be supplied by the supplier for all the chemicals.
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(Phosphoric acid, Caustic soda, Biocide-DTC, QAC.)

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55	Dropping Bottle Capacity 100 ml (PVC)	No	5	
56	Wash Bottle (500 ml) Cap.	Nos.	2	
57	Pol Tube (Borosil) 200 mm for Digital Polarimeter Make focus	No	2	
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Table 2

Sr. No.	Description of materials	Qty. approx	Unit Rates INR.
	Glass ware & Meters		
1.	Burette and Burette Stand	01 Nos.	
2.	300ml Glass Stopper BOD Bottles	10 Nos.	
3.	500ml conical Flask	02 Nos.	
4	Pipettes With Pipettes Bulb	02 Nos.	
5	250 ml graduated cylinders	01 Nos.	
6	Beaker		
A	50ml	05 pcs	
B	100ml	05 pcs	
C	250ml	05 pcs	
D	500ml	05 pcs	
E	1000ml	05 pcs	
7	Volumetric Flask		
A	100ml	05 pcs	
B	250ml	05 pcs	
C	500ml	05 pcs	
D	1000ml	05 pcs	
8	Conical Flask 250ml	05 Nos.	
9	Reagent Bottles		
A	500ml	05 pcs	
B	1000ml	05 pcs	
10	Measuring Cylinder		

A	50ml	02 pcs	
B	100ml	02 pcs	
C	1000ml	02 pcs	
11	Burette with Burette stand	02 Nos.	
12	Test Tubes		
A	12ml	30 pcs	
B	20ml	30 pcs	
13	Glass Rod	02nos	
14	Petri Dish	05 Nos.	
15	Ph Meter Pen type	06 Nos.	
16	Tds Meter Pen type	06 Nos.	
17	Hand Towels	20 Nos.	
18	Filter Paper	10 Packets	
19	Buffer Soln		
A	Ph 4	04 Nos.	
B	Ph 9	04 Nos.	
	C.O.D. Chemicals		
1.	Potassium Di Chromate	500gm	
2.	Silver Sulphate	100gm	
3.	Mercuric Sulphate	250gm	
4	Conc. H ₂ SO ₄	15ltr	
5	Ferrion Indicator	300ml	
6	Ammonium Ferrous Sulphate	1000gm	
	B.O.D. Chemicals		

1.	WhatMan Filter Paper No.41	4Pack	
2.	Calcium Chloride	500gm	
3.	Magnesium Sulphate	500gm	
4	Ferric Chloride	500gm	
5	Di- Potassium Hydrogen Phosphate	500gm	
6	Potassium Di Hydrogen Phosphate	500gm	
7	Ammonium Chloride	500gm	
8	ManganousSulphate	1000gm	
9	Potassium Hydroxide	500gm	
10	Potassium Iodide	500gm	
11	Sodium Azide	250gm	
12	Starch Indicator	250gm	
13	Sodium Thiosulphate	250gm	
14	Ph indicator Universal 500ml	10 Nos.	

Terms & Conditions:-

- 1) Payment terms:-
 - a) For material supply: 30 days after receipt of material subjected to quality approved.
 - b) For job work: 30 days after submission of verified bills subjected to satisfactory completion of work.
- 2) Price will be FOR Naraingarh Sugar Mills Ltd.
- 3) Packing & forwarding charges: - In the scope of supplier / Contractor.
- 4) Delivery of material: - As per our requirement.
- 5) Quantity of material: As per advice note.
- 6) The quantity of material is tentative, it can be increased or decreased upto any extent on the sole discretion of the management at the time of placing the order.
- 7) SGST/CGST/UGST/IGST will be extra as applicable as per norms (Our GST No. 06AAACN0454G1ZV).

- 8) TDS/TCS to be deducted as per GST Rules (if applicable).
- 9) **It will be mandatory condition, that no employee/his family member / relative can take participate directly or indirectly in BID.**
- 10) Presence of BIDDER by self in case of proprietor/ Partner or Authorised person with authority letter in case of partnership/Co. is necessary at the time of opening of tender is must.
- 11) Liquidated Damages: Time is the essence of this supply material. Hence, you shall strictly adhere to the delivery of material. You are liable to pay liquidated damages towards late delivery of the material at the rate of 2% of the value of the order for subject material for the delay of every one week subject to the maximum limit of 10% of the value of the Purchase Order.
- 12) If at all L-1 party refuses to undertake the job / supply then purchase committee shall have the right to award the order to second lowest party on the finalized rates in the interest of the Mills.
- 13) Board/Management of the Mills shall have the right to negotiate with other participants also if quoted rates of L-1, L-2 & L-3 party do not seem to be reasonable upto the marks in the interest of the Mills.
- 14) Rates are to be quoted on the basis of above said terms & conditions.
- 15) Conditional tender will not be accepted.
- 16) The undersigned reserves the right to accept or reject any or all the tenders without assigning any reason.

Note: Last date for the submission of tenders is 14.10.24 upto 11:00 AM. Only PQQ / Technical bid will be open by our technical team for discussion. Parties are invited on opening of BQQ / commercial bid on dated 15.10.24 at 11:00 AM.

Signature of the party with seal

Name of the party: _____

Address: _____

Contact No. _____