

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 instrument and general items	30,000/-	04.07.25 at 03:00 PM	18.07.25 upto 03:00 PM

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

Sr. No.	Description	Qty.	UOM
1	Brass probe sensors for Donnelly Chute Level Transmitter (Bolt and Nut type), Diameter 42mm, Length 60mm	20	Nos.
2	Pressure Switch Make: Danfoss, Range 2 to 14 bar, Differential 0.7 to 4 bar Process connection :G1/4 A contact type : SPDT	1	No.
3	Microprocessor based Digital Tachometer , Make: Beacon, Model: LDM-5004 Range: 100 to 19990 RPM, Input: Magnetic pickup model MP-265 number of Teeth seen by MPU: 6 Power supply: 230VAC	2	Nos.
4	Pneumatic cylinder Janatics model: A630400500M with rod & fork	1	No.
5	pneumatic cylinder Janatics model: A120401600 with rod & fork	1	No.
6	Pneumatic cylinder Janatics model: A630500500M with rod & fork	1	No.
7	Air flow regulator 8mm to 1/4" (PU connector)	20	Nos.
8	Filter Element 582044 for FRC15 Janatics make	5	Nos.
9	Smart Vac Transmitter with zero and span buttons	1	No.
10	K type thermocouple compensating cable (RED & YELLOW) inner : PVC , outer: SS braided , Size: 0.5 SQMM	200	Mtr
11	Temperature Indicator, Make : SELEC Model: TC303	2	Nos.
12	PID Controller Make: Delta Model: DTK Size: 72mmx72mm Supply: 230 VAC, I/P: Temperature O/P: Dual Output Relay(2NO+2NC+2COM)	1	No.
13	4-20 mA signal isolator Make: PEPPERL + FUCHS, Supply: 24VDC	4	Nos.
14	Smart Pressure Transmitter 0 to 14 kg/cm2 Process connection: 1/2" BSP	1	No.
15	Air Filter Regulator make: Janatics Model: FRC1 1/2" BSP	2	Nos.
16	Masibus Loop calibrator Model: UC12	1	No.
17	Smart Level Transmitter diaphragm type with zero and span buttons Range: 160kPa, MWP: 1.97 Mpa for juice tank level	1	No.
18	Smart DP Transmitter range: -500 to 0 mmwc with zero and span buttons with HART compatible MWP: 140Kg/cm2 (for old boiler drum level)	1	No.
19	Pressure Gauge 0-16 KG/CM2 6" dial, bottom entry, 1/2" NPT	2	Nos.
20	Pressure Gauge 0-25KG/CM2 6" dial, bottom entry, 1/2" NPT	2	Nos.
21	Pressure Gauge 0-7 KG/CM2 6" dial, bottom entry, 1/2" NPT	2	Nos.
22	Pressure Gauge 0-6 KG/CM2 6" dial, bottom entry, 1/2" NPT	2	Nos.
23	Pressure Gauge 0-160 KG/CM2 6" dial, bottom entry, 1/2" NPT	1	No.

24	Compound Gauge -1 to +1.5 kg/cm ² 6" dial, bottom entry, 1/2" NPT	1	No.
25	Pressure Switch Range: 0 to 3 kg/cm ² (Oil service) Process connection: 1/2" NPT	2	Nos.
26	5 valve manifold Body material: AISI 316 SS, Stem type: Hard Seated, Stem packing: PTFE, Size (Inlet x Outlet): 1/2" x 1/2", Threads: NPT (ANSI B 1.20.1), Connections: Female x Female, Max. working pressure : 413.7 bar (6000 psi) Max. working temperature : 240°C, "T" bar handle : AISI 304 SS, Drain port : 1/4" NPT (F), plugged	2	Nos.
27	3 valve manifold Body material: AISI 316 SS Stem type: Hard Seated, Stem packing: PTFE Size (Inlet x Outlet) : 1/2" x 1/2" Threads : NPT (ANSI B 1.20.1), Connections: Female x Female, Max. working pressure : 413.7 bar (6000 psi) Max. working temperature : 240°C, "T" bar handle : AISI 304 SS Drain port : 1/4" NPT (F), plugged	2	Nos.
28	2 valve manifold Body material: AISI 316 SS Stem type: Hard Seated Stem packing: PTFE Size (Inlet x Outlet) : 1/2" x 1/2" Threads : NPT (ANSI B 1.20.1) Connections: Female x Female Max. working pressure : 413.7 bar (6000 psi),Max. working temperature : 240°C "T" bar handle : AISI 304 SS, Drain port : 1/4" NPT (F), plugged	2	Nos.
29	I to P convertor Make: ABB, Model: TEIP11 / TEIP11-PS	2	Nos.
30	Air Filter Regulator make: Janatics Model: FRC1 Process Connection: 1/2" NPT	3	Nos.
31	Smart DP Transmitter for Boiler Drum Level Range: -500 to 0 mmWc with zero and span adjustment Supply: 24VDC, O/P : 4-20 mA, HART compatible	1	No.
32	Smart Pressure Transmitter for Turbine Control oil Pressure Range: 0-16 kg/cm ² Supply: 24 VDC, output signal: 4 - 20 mA, HART compatible	1	No.
33	Vibration Sensor Make: Shinkawa, Part No: FL-202F08A-M2-00-25-05	2	Nos.
34	Extension cable for Vibration Sensor Make: Shinkawa, Part No.FW-202FA-85	2	Nos.
35	Extension cable for Axial Displacement Sensor Make: Shinkawa, Part No.FW-202FA-85	1	No.
36	SIMATIC DP, ET 200 M, REDUNDANCY BUNDLE CONSISTING OF 2 No. OF IM MODULES 153-2HF (MODEL: 6ES7 153-2BA10-0XB0), 1 No. OF BUS MODULE IN/IN (6ES7195-7HD10-0XA0) No spare	1	BUNDLE
37	4 channel Relay module DIN rail mount with Reverse Blocking Diode and LED Indicator Coil Voltage: 230VAC	2	Nos.
38	4 channel Relay module DIN rail mount with Reverse Blocking Diode and LED Indicator Coil Voltage: 24VDC	2	Nos.
39	Shavison Redundancy/Paralleling Module, 24VDC : 10A/20A	2	Nos.
40	Low Pressure Calibrator (pressure & vacuum) with Master Gauge Range: -0.9 to 2 bar	1	No.
41	MCB single pole 0.5A Make: Schnieder	20	Nos.
42	Online UPS 1 kVA	1	No.

43	Perforated CABLE TRAY 2 INCH	50	Mtr
44	MCB 2 pole 4 Amps make: schnieder	10	Nos.
45	change over MCB 32 A make: Schnieder	2	Nos.
46	Fuse Terminal Block 1.5 sqmm	25	Nos.
47	PVC Terminal Block 1.5 sqmm	100	Nos.
48	5 A glass fuse small 5 mm x 20 mm	30	Nos.
49	0.5A glass fuse small 5 mm x 20 mm	100	Nos.
50	Digital Multimeter small	1	No.
51	DC regulated Power supply 0-100 V	1	Nos.
52	Steel Perforated DIN Rail, Mini Top Hat Compatible Size: 1m x 15mm x 5.5mm	5	mtr
53	10 core multicolour ribbon cable 0.5 sqmm	50	mtr
54	BALL VALVE 3/8"	5	Nos.
55	Cutting oil	25	Ltr
56	MS socket 1/2"	10	Nos.
57	MS socket 3/8"	20	Nos.
58	MS nipple 1/2" male to 3/8" female	30	Nos.
59	Brass nipple 1/2" female to 3/8" male	20	Nos.
60	Hack saw blade 6"	10	Nos.
61	Teflon tapes	20	Nos.
62	Scissor for gasket cutting	1	No.
63	packing tape 2"	4	Nos.
64	Cello tape 2"	4	Nos.
65	soldering wire 63/37 grade	4	Nos.
66	Flexible Copper Tube OD: 6.3mm, thickness: 1 mm (control valve air line connection)	50	feet
67	Panel cooling fan(DCS) Make: Rexnord, Size: 220 x 60 mm Model: REC22060 RB2	3	Nos.
68	Instrument Impulse Tube (Stainless steel Seamless) for transmitter process connection OD: 12.6 mm, Wall Thickness: 2 mm, Tube length 6 meter	5	Nos.

- **Bid shall be accepted on the basis of above mentioned specifications.**

The bidders shall submit the required eligibility documents in the Pre-qualification / Technical Bid having following documents.

Information /documents to be attached by the tenderers with the Pre-qualification / 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) Certificate of authorized dealership of particular material, if party is authorized.
(For supplier only)
- 3) Certificate from the proprietor/partner/firm authorizing firm's representative to sign/participate in opening and negotiation of the tender (signature duly attested).
- 4) Copy of Sales Tax/GST registration number.
- 5) Copy of PAN Card.
- 6) The information i.e. Firm/Company Name, Complete Address, Contact person, Mobile No. & e-mail ID to be attached.
- 7) EMD or RTGS/NEFT details.

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

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.

☐

Please tick

Signature of the party with seal

Name of the party: _____

Address: _____

Contact No. _____

NARAINGARH SUGAR MILLS LTD., SHAHZADPUR, TEH. NARAINGARH**• Envelope 2: Commercial Bid**

The bidders shall quote the prices in Commercial bid format under

(COMMERCIAL BID TO BE SUBMIT)

Sr. No.	Description	Qty.	Unit	Unit Rates INR.
1	Brass probe sensors for Donnelly Chute Level Transmitter (Bolt and Nut type), Diameter 42mm, Length 60mm	20	Nos.	
2	Pressure Switch Make: Danfoss, Range 2 to 14 bar, Differential 0.7 to 4 bar Process connection :G1/4 A contact type : SPDT	1	No.	
3	Microprocessor based Digital Tachometer Make: Beacon, Model: LDM-5004 Range: 100 to 19990 RPM Input: Magnetic pickup model MP-265 number of Teeth seen by MPU: 6 Power supply: 230VAC	2	Nos.	
4	Pneumatic cylinder Janatics model: A630400500M with rod & fork	1	No.	
5	pneumatic cylinder Janatics model: A120401600 with rod & fork	1	No.	
6	Pneumatic cylinder Janatics model: A630500500M with rod & fork	1	No.	
7	Air flow regulator 8mm to 1/4" (PU connector)	20	Nos.	
8	Filter Element 582044 for FRC15 Janatics make	5	Nos.	
9	Smart Vac Transmitter with zero and span buttons	1	No.	
10	K type thermocouple compensating cable (RED & YELLOW) inner : PVC , outer: SS braided , Size: 0.5 SQMM	200	Mtr	
11	Temperature Indicator, Make : SELEC Model: TC303	2	Nos.	
12	PID Controller Make: Delta Model: DTK Size: 72mmx72mm Supply: 230 VAC, I/P: Temperature O/P: Dual Output Relay(2NO+2NC+2COM)	1	No.	
13	4-20 mA signal isolator Make: PEPPERL + FUCHS, Supply: 24VDC	4	Nos.	
14	Smart Pressure Transmitter 0 to 14 kg/cm2 Process connection: 1/2" BSP	1	No.	
15	Air Filter Regulator make: Janatics Model: FRC1 1/2" BSP	2	Nos.	
16	Masibus Loop calibrator Model: UC12	1	No.	
17	Smart Level Transmitter diaphragm type with zero and span buttons, Range: 160kPa, MWP: 1.97 Mpa for juice tank level	1	No.	

18	Smart DP Transmitter range: -500 to 0 mmwc with zero and span buttons with HART compatible MWP: 140Kg/cm2 (for old boiler drum level)	1	No.	
19	Pressure Gauge 0-16 KG/CM2 6" dial, bottom entry, 1/2" NPT	2	Nos.	
20	Pressure Gauge 0-25KG/CM2 6" dial, bottom entry, 1/2" NPT	2	Nos.	
21	Pressure Gauge 0-7 KG/CM2 6" dial, bottom entry, 1/2" NPT	2	Nos.	
22	Pressure Gauge 0-6 KG/CM2 6" dial, bottom entry, 1/2" NPT	2	Nos.	
23	Pressure Gauge 0-160 KG/CM2 6" dial, bottom entry, 1/2" NPT	1	No.	
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50	Digital Multimeter small	1	No.	
51	DC regulated Power supply 0-100 V	1	Nos.	
52	Steel Perforated DIN Rail, Mini Top Hat Compatible Size: 1m x 15mm x 5.5mm	5	mtr	
53	10 core multicolour ribbon cable 0.5 sqmm	50	mtr	

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57	MS socket 3/8"	20	Nos.	
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60	Hack saw blade 6"	10	Nos.	
61	Teflon tapes	20	Nos.	
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68	Instrument Impulse Tube (Stainless steel Seamless) for transmitter process connection OD: 12.6 mm, Wall Thickness: 2 mm, Tube length 6 meter	5	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) Please mention the time period of material delivery / job completion in given space under:-

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- 5) SGST/CGST/UGST/IGST will be extra as applicable as per norms (Our GST No.06AAACN0454G1ZV).
 - 6) TDS to be deducted as per GST Rules (if applicable).
 - 7) It will be mandatory condition, that no employee/his family member / relative can take participate directly or indirectly in BID.
 - 8) Presence of BIDDER by self in case of proprietor/ Partner or Authorized person with authority letter in case of partnership/Co. is necessary at the time of opening of tender is must.
 - 9) **Liquidated Damages:** Time is the essence of this supply / job. Hence, you shall strictly adhere to the delivery of material / completion of job. You are liable to pay liquidated damages towards late delivery of the material / late completion of job at the rate of 2% of the value of the order for subject supply / job for the delay of every one week subject to the maximum limit of 10% of the value of the Order.
 - 10) If at all L-1 party refuses to undertake the job, 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.
 - 11) 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.
 - 12) Rates are to be quoted on the basis of above said terms & conditions.
 - 13) Conditional tender will not be accepted.
 - 14) The undersigned reserves the right to accept or reject any or all the tenders without assigning any reason.

Note: Only Pre-qualification / Technical bid will be open by our technical team for discussion. Parties are invited on opening of commercial bid on dated 22.07.25 at 11:00 AM.

Signature of the party with seal

Name of the party: _____

Address: _____

Contact No. _____