

# **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.      | Retrofitting, testing, commissioning of ACB and starter | 38,000/-                 | 25.06.25 at 03:00 PM                              | 07.07.25 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**

**No. 1**

| <b>Sr. No.</b> | <b>Description of Goods/Service</b>  | <b>Quantity Required</b> |
|----------------|--|--------------------------|
| <b>1</b>       | <b>Supply, Retrofitting, Testing &amp; Commissioning of 2000Amp ACB : Complete with Suitable rating copper busbar, control wiring, earthing, etc. as required below mentioned switchgears, etc.</b>              | <b>02Nos.</b>            |
| a              | Electrically operated 2000A 3Pole, 50kA Microprocessor based ACB with O/C, S/C, E/F Based Release (Digital display) , Under Voltage Release 415VAC, shunt Release 230VAC, Aux contact 2NO+2NC, Make: ABB/Siemens | 02Nos.                   |
| b              | Suitable rating copper busbar, Make: Any standard  | As per required          |
| c              | Insulator for busbar support, Make: Any standard   | As per required          |
| d              | HT Nut, Bolt & washer, Make: Any standard  | As per required          |
| e              | Powder coated MS angle/channel, Make: Any standard   | As per required          |
| f              | Wire, Make: Any standard   | As per required          |
| g              | Lug, Make: Any standard  | As per required          |
| h              | PVC tape, Make: Any standard   | As per required          |
| i              | MCB 6A 2pole, Make: Any standard   | 2Nos.                    |
| j              | Remote trip provision  |                          |
| k              | All standard interlock for Mill DC drive   |                          |
| l              | Door Modification work as per required in supplier scope   |                          |
| m              | ON and OFF indication lamp, Make: ABB/Teknic   | 2 Set.                   |
| n              | Digital 3phase Ameter with CT, Make Secure/Rishabh   | 2 Set.                   |
| o              | The Retrofitting cost should include any other item missing in above statement and shall be suitable for the Mill DC Drive.  | As per required          |

**Note :-**

1. Drawing (GA, Power, control circuit diagram, BOM and busbar calculation) of the Panel shall be approved by NSML before start work.
2. Busbar banding and drilling work shall be done by hydraulic busbar banding machine.
3. Tool tackle, welding machine, busbar cutting machine, hydraulic busbar bending machine, grinder, drill machine etc in supplier scope

4. Old ACB dismantling and new ACB erection, commissioning, testing with busbar and wiring in supplier scope
5. All test will be done by supplier after retrofitting as per required by NSML and test report submitted to NSML
6. Testing equipment in supplier scope.
7. All test certificates shall be submitted along with the commissioning of panel.
8. Provisions of all electrical safety for operation and maintenance
9. Power and control cable disconnection, reconnection work and earthing work in supplier scope
10. As built drawing of the panel submitted to NSML after complete all work.

#### **Wiring instruction**

|   |   |
|---|---|
| 1 | Control circuit wiring by 1.5sqmm multi stand flexible copper wire colour black                     |
| 2 | CT circuit wiring by 2.5sqmm multi stand flexible copper wire colour Red, Yellow, blue, and black   |
| 3 | All internal wiring shall have insulation of 650/1100 V grade                                       |
| 4 | Wiring will be routed through PVC ducts as & where required   |
| 5 | Each wire end shall be terminated with crimping type lug and shall have sleeve with ferrule numbers |

#### **No. 2**

| <b>Sr. No.</b> | <b>Description of Goods/Service</b>  | <b>Quantity Required</b> |
|----------------|--|--------------------------|
| <b>1</b>       | <b>Supply, Retrofitting, Testing &amp; Commissioning of 1600Amp ACB : Complete with Suitable rating copper busbar, control wiring, earthing, etc. as required below mentioned switchgears, etc.</b>              |                          |
| a              | Electrically operated 1600A 3Pole, 50kA Microprocessor based ACB with O/C, S/C, E/F Based Release (Digital display) , Under Voltage Release 415VAC, shunt Release 230VAC, Aux contact 2NO+2NC, Make: ABB/Siemens | 01No.                    |
| b              | Suitable rating copper busbar, Make: Any standard  | As per required          |
| c              | Insulator for busbar support, Make: Any standard   | As per required          |
| d              | HT Nut, Bolt & washer, Make: Any standard  | As per required          |
| e              | Powder coated MS angle/channel, Make: Any standard   | As per required          |
| f              | Wire, Make: Any standard   | As per required          |
| g              | Lug, Make: Any standard  | As per required          |

|   |   |                 |
|---|---|-----------------|
| h | PVC tape, Make: Any standard  | As per required |
| i | MCB 6A 2pole, Make: Any standard  | 1No.            |
| j | Remote trip provision   |                 |
| k | All standard interlock for Clarification Incomer  |                 |
| l | Door Modification work as per required in supplier scope  |                 |
| m | ON and OFF indication lamp, Make: ABB/Teknic  | 1Set.           |
| n | Digital 3phase Ameter with CT, Make Secure/Rishabh  | 1Set.           |
| o | The Retrofitting cost should include any other item missing in above statement and shall be suitable for the Clarification Incomer. | As per required |

1. Drawing (GA, Power, control circuit diagram, BOM and busbar calculation) of the Panel shall be approved by NSML before start work.
2. Busbar banding and drilling work shall be done by hydraulic busbar banding machine.
3. Tool tackle, welding machine, busbar cutting machine, hydraulic busbar bending machine, grinder, drill machine etc in supplier scope
4. Old ACB dismantling and new ACB erection, commissioning, testing with busbar and wiring in supplier scope
5. All test will be done by supplier after retrofitting as per required by NSML and test report submitted to NSML
6. Testing equipment in supplier scope.
7. All test certificates shall be submitted along with the commissioning of panel.
8. Provisions of all electrical safety for operation and maintenance.
9. Power and control cable disconnection, reconnection work and earthing work in supplier scope
10. As built drawing of the panel submitted to NSML after complete all work.

#### **Wiring Instruction**

|   |   |
|---|---|
| 1 | Control circuit wiring by 1.5sqmm multi stand flexible copper wire colour black                     |
| 2 | CT circuit wiring by 2.5sqmm multi stand flexible copper wire colour Red, Yellow, blue, and black   |
| 3 | All internal wiring shall have insulation of 650/1100 V grade                                       |
| 4 | Wiring will be routed through PVC ducts as & where required   |
| 5 | Each wire end shall be terminated with crimping type lug and shall have sleeve with ferrule numbers |

**No. 3**

| Sr. No.  | Description of Goods/Service   | Quantity Required |
|----------|--|-------------------|
| <b>1</b> | <b>Supply, Retrofitting, Testing &amp; Commissioning of 1250 Amp ACB : Complete with Suitable rating copper busbar, control wiring, earthing, etc. as required below mentioned switchgears, etc.</b>             |                   |
| a        | Electrically operated 1250A 3Pole, 50kA Microprocessor based ACB with O/C, S/C, E/F Based Release (Digital display) , Under Voltage Release 415VAC, shunt Release 230VAC, Aux contact 2NO+2NC, Make: ABB/Siemens | 01No.             |
| b        | Suitable rating copper busbar, Make: Any standard  | As per required   |
| c        | Insulator for busbar support, Make: Any standard   | As per required   |
| d        | HT Nut, Bolt & washer, Make: Any standard  | As per required   |
| e        | Powder coated MS angle/channel, Make: Any standard   | As per required   |
| f        | Wire, Make: Any standard   | As per required   |
| g        | Lug, Make: Any standard  | As per required   |
| h        | PVC tape, Make: Any standard   | As per required   |
| i        | MCB 6A 2pole, Make: Any standard   | 1No.              |
| j        | Remote trip provision  |                   |
| k        | All standard interlock for Emergency incomer   |                   |
| l        | Door Modification work as per required in supplier scope   |                   |
| m        | ON and OFF indication lamp, Make: ABB/Teknic   | 1Set.             |
| n        | Digital 3phase Ameter with CT, Make Secure/Rishabh   | 1Set.             |
| o        | The Retrofitting cost should include any other item missing in above statement and shall be suitable for the Emergency incomer.  | As per required   |

**Note :-**

1. Drawing (GA, Power, control circuit diagram, BOM and busbar calculation) of the Panel shall be approved by NSML before start work.
2. Busbar banding and drilling work shall be done by hydraulic busbar banding machine.
3. Tool tackle, welding machine, busbar cutting machine, hydraulic busbar bending machine, grinder, drill machine etc in supplier scope
4. Old ACB dismantling and new ACB erection, commissioning, testing with busbar and wiring in supplier scope
5. All test will be done by supplier after retrofitting as per required by NSML and test report submitted to NSML

6. Testing equipment in supplier scope.
7. All test certificates shall be submitted along with the commissioning of panel.
8. Provisions of all electrical safety for operation and maintenance.
9. Power and control cable disconnection, reconnection work and earthing work in supplier scope
10. As built drawing of the panel submitted to NSML after complete all work.

#### **Wiring Instruction**

|   |   |
|---|---|
| 1 | Control circuit wiring by 1.5sqmm multi stand flexible copper wire colour black                     |
| 2 | CT circuit wiring by 2.5sqmm multi stand flexible copper wire colour Red, Yellow, blue, and black   |
| 3 | All internal wiring shall have insulation of 650/1100 V grade                                       |
| 4 | Wiring will be routed through PVC ducts as & where required   |
| 5 | Each wire end shall be terminated with crimping type lug and shall have sleeve with ferrule numbers |

#### **No. 4**

| <b>Sr. No.</b> | <b>Description of Goods/Service</b>   | <b>Quantity Required</b> |
|----------------|---|--------------------------|
| <b>1</b>       | <b>Supply, Retrofitting, Testing &amp; Commissioning of slip ring motor stator 150HP, : Complete with all internal wiring, suitable rating busbar, danger board, earthing, etc. as required below mentioned switchgears, meters etc..</b> | <b>2Nos.</b>             |
| a              | MCCB 400 Amp., 50 kA, Make ABB/Siemens, 3pole for motor application   | 02Nos.                   |
| b              | Contactor 3pole Rating 265A or above rating, Make ABB/Siemens, Coil Voltage 230V AC   | 02Nos.                   |
| c              | Compact (digital) Motor Protection Relay MM10, Make L&T   | 02Nos.                   |
| d              | CT 300/5Amp. CL 5P10, 10VA, Make Secure/Rishubh   | 06Nos.                   |
| e              | Suitable rating copper busbar, Make: Any standard   | As per required          |
| f              | Insulator for busbar support, Make: Any standard  | As per required          |
| g              | HT Nut, Bolt & washer, Make: Any standard   | As per required          |
| h              | Powder coated MS angle/channel, Make: Any standard  | As per required          |
| i              | Wire, Make: Any standard  | As per required          |
| j              | Lug, Make: Any standard   | As per required          |
| k              | PVC tape, Make: Any standard  | As per required          |
| l              | MCB 6A 2pole, Make: ABB/Siemens   | 02Nos.                   |
| m              | ON/Trip Indication lamps, Make: Teknic/ABB  | 02 Set                   |
| n              | Digital 3Phase Ameter with CT Make Secure/ Rishubh  | 02 Set                   |
| o              | Emergency stop push button Make ABB/Teknic  | 02 Nos.                  |

|   |  |                 |
|---|--|-----------------|
| p | Panel door   | 02 Nos.         |
| q | Miscellaneous  | As per required |
| r | Remote start stop provision  |                 |
| s | Remote ON/ Trip Indication provision   |                 |
| t | All standard interlock for stator and rotor starter  |                 |
| u | The Retrofitting cost should include any other item missing in above statement and shall be suitable for the Spray pump Motor. | As per required |

**Note :-**

1. Drawing (GA, Power, control circuit diagram, BOM, and busbar calculation) of the Panel shall be approved by NSML before start work.
2. Busbar banding and drilling work shall be done by hydraulic busbar banding machine.
3. Tool tackle, welding machine, busbar cutting machine, hydraulic busbar bending machine, grinder, drill machine etc in supplier scope
4. Old starter dismantling and new starter erection, commissioning, testing with busbar and wiring in supplier scope
5. All test will be done by supplier after retrofitting as per required by NSML and test report submitted to NSML
6. Testing equipment in supplier scope.
7. All test certificates shall be submitted along with the commissioning of panel.
8. Provisions of all electrical safety.
9. Cable disconnection, reconnection work and earthing work in supplier scope
10. As built drawing of the panel submitted to NSML after complete all work.
11. Old starter drawing is not available

**Wiring Instruction**

|   |   |
|---|---|
| 1 | Control circuit wiring by 1.5sqmm multi stand flexible copper wire colour grey/white                |
| 2 | CT circuit wiring by 2.5sqmm multi stand flexible copper wire colour Red, yellow, blue and Black    |
| 3 | All internal wiring shall have insulation of 650/1100 V grade                                       |
| 4 | Wiring will be routed through PVC ducts as & where required   |
| 5 | Each wire end shall be terminated with crimping type lug and shall have sleeve with ferrule numbers |

- **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.**

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**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**

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**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 Rates INR. |
|---------|---|---------|-----------------|
| 1.      | Supply, Retrofitting, Testing & Commissioning of 2000Amp ACB<br><b>As per complete details &amp; specifications mentioned in technical bid</b>                  | 02 Nos. |                 |
| 2.      | Supply, Retrofitting, Testing & Commissioning of 1600Amp ACB<br><b>As per complete details &amp; specifications mentioned in technical bid</b>                  | 01 No.  |                 |
| 3.      | Supply, Retrofitting, Testing & Commissioning of 1250Amp ACB<br><b>As per complete details &amp; specifications mentioned in technical bid</b>                  | 01 No.  |                 |
| 4.      | Supply, Retrofitting, Testing & Commissioning of slip ring motor stator 150HP<br><b>As per complete details &amp; specifications mentioned in technical bid</b> | 02 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:-**

- 
- 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 10.07.25 at 11:00 AM.**

\_\_\_\_\_  
**Signature of the party with seal**

**Name of the party:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Contact No.** \_\_\_\_\_