

**MONGLA CEMENT FACTORY**  
**MONGLA, BAGERHAT**

(A Project of Sena Kalyan Sangstha)

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**TENDER NOTICE FOR SUPPLY OF OIL INJECTED ROTARY SCREW TYPE AIR COOLED**  
**AIR COMPRESSOR WITH INTEGRATED DRYER AND SPARES FOR MCF**

Techno-commercial offers are invited from bonafide Manufacturers/Suppliers/Indenterers for the supply of 02 Nos Oil Injected Rotary Screw Type Air Cooled Air Compressor with Integrated Dryer and spares (as per mentioned in part-5) from any reputed manufacturer of any origin/country to Mongla Cement Factory, Mongla, Bagerhat, Bangladesh. Interested tenderers are requested to drop their tenders in the tender box kept in the office of Business Division-1 at the address mentioned below before 22 September 2026 by 10:00 hours BST. The tenders will be opened on the same day at 10:30 hours BST in the presence of tenderers (if any). The tender schedule will be available from the Business Division-1, Sena Kalyan Sangstha, SKS Tower (5th Floor), 7 VIP Road, Mohakhali, Dhaka-1206, upon submission of an application on the official letterhead pad and payment of Tk. 2000/- (non-refundable) during office hours.

Sena Kalyan Sangstha reserves the right to accept or reject any or all tenders without assigning any reason whatsoever. Bidders are requested to submit earnest money and fill up Part-4 and Part-5 of Tender document; otherwise, the tender offer may be rejected. The Letter of Credit (L/C) will not be opened until the Performance Guarantee (PG) is submitted. In case of offers in local currency (BDT), the PG must be submitted after the offer has been accepted and issue of acceptance letter. Suppliers shall submit hard copies of both the Technical Offer and Financial Offer separately, each sealed in one envelope, with duplicate copies in another envelope, addressed to the Deputy Director General, Business Division-1, SKS Tower, Mohakhali, Dhaka.

**Deputy Director General**  
**Business Division-1**  
**Sena Kalyan Sangstha**

Published Date: 01 September 2026

**PART-5**

**TECHNICAL SPECIFICATION OF OIL INJECTED ROTARY SCREW TYPE AIR-COOLED AIR COMPRESSOR  
WITH INTEGRATED DRYER AND SPARES**

**Scope of works:** Supply, installation, testing and commissioning of Rotary Screw Type Air Cooled Air Compressor with Integrated Dryer along with associated equipment at Mongla Cement Factory, Mongla, Bagerhat, Bangladesh, **Quantity to be supplied:** 02 (Two) nos.

| SL  | Specification                                  | MCF requirement                                                                                                                                                                                                                                                                                                  | Supplier’s offer                                                                                          | Remarks |
|-----|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|---------|
| 01. | Model                                          | To be mentioned                                                                                                                                                                                                                                                                                                  |                                                                                                           |         |
| 02. | Type                                           | Oil Injected Rotary Screw compressor                                                                                                                                                                                                                                                                             |                                                                                                           |         |
| 03. | Country of origin                              | To be mentioned                                                                                                                                                                                                                                                                                                  |                                                                                                           |         |
| 04. | Country of Manufacture                         | To be mentioned                                                                                                                                                                                                                                                                                                  |                                                                                                           |         |
| 05. | Power Supply                                   | 380V - 400V,50HZ, 3 phase                                                                                                                                                                                                                                                                                        |                                                                                                           |         |
| 06. | Cooling system                                 | Air cooled                                                                                                                                                                                                                                                                                                       |                                                                                                           |         |
| 07. | Maximum Pressure                               | 10 Bar                                                                                                                                                                                                                                                                                                           |                                                                                                           |         |
| 08. | Working Pressure                               | 08 Bar                                                                                                                                                                                                                                                                                                           |                                                                                                           |         |
| 09. | Capacity/Air Flow rate                         | At least 16 to 18 m <sup>3</sup> /min at 8 to 10 Bar                                                                                                                                                                                                                                                             |                                                                                                           |         |
| 10. | Motor power                                    | 90KW                                                                                                                                                                                                                                                                                                             |                                                                                                           |         |
| 11. | Air Quality                                    | Integrated Separator, Dryer and Filtration System.                                                                                                                                                                                                                                                               | To be designed as per quantity of moisture produced from Air compressor.                                  |         |
| 12. | Efficiency class                               | IE3 (International Efficiency class 3) or higher                                                                                                                                                                                                                                                                 |                                                                                                           |         |
| 13. | Safety                                         | Overload Protection, Emergency stop and vibration isolation.                                                                                                                                                                                                                                                     |                                                                                                           |         |
| 14. | Spares                                         | a. Air filter:2×2= 04 Pcs<br>b. Oil filter: 02 Pcs<br>c. Oil separator: 02Pcs<br>d. HMI: 01Nos<br>e. Control relay: 02 Pcs<br>f. Oil stop valve: 02 Pcs<br>g. MPV(Minimum Pressure Valve): 02Pcs<br>h. Thermostatic valve: 02 Pcs<br>i. Temperature sensor with transducer: 02 Pcs<br>j. Suction valve : 02 Sets |                                                                                                           |         |
| 15. | Installation and Commissioning                 | To be done by Supplier; Buyer only to provide work force and will do the relevant work under the direct supervision of Supplier’s Engineer.                                                                                                                                                                      | During commissioning supplier should bring appropriate and calibrated instrument to verify air flow rate. |         |
| 16. | Maximum operating temperature                  | To be mentioned                                                                                                                                                                                                                                                                                                  |                                                                                                           |         |
| 17. | Lubrication Grade                              | To be mentioned by manufacturer                                                                                                                                                                                                                                                                                  |                                                                                                           |         |
| 18. | Operation & Control system                     | To be conducted by touch screen based Human Machineries inter facing (HMI) system comprising of all relevant operational & control facilities having mimic diagram based process layout.                                                                                                                         |                                                                                                           |         |
| 19. | Noise level                                    | To be mentioned                                                                                                                                                                                                                                                                                                  |                                                                                                           |         |
| 20. | Power connection                               | To be provided by Buyer; cable and circuit breaker specification will be provided by supplier.                                                                                                                                                                                                                   | Supplier should submit calculation in support of their of selection of size/specification                 |         |
| 21. | Connectivity with existing air network/circuit | Will be done by Buyer as per advice of supplier.                                                                                                                                                                                                                                                                 |                                                                                                           |         |
| 22. | Guarantee/Warranty                             | Minimum 1 year (12 months) from the date of successful test run and commissioning. As per part-7, Article 19                                                                                                                                                                                                     |                                                                                                           |         |
| 23. | Operating manual                               | Supplier must provide 01 x operating manual/catalogue with the offer to study and understand all the working facilities of offered compressor (both hard copy and soft copy).                                                                                                                                    |                                                                                                           |         |

|     |                                                |                                                                                                                                                                                                             |  |                         |
|-----|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------|
| 24. | <b>Maintenance Manuals and parts catalogue</b> | 01 (one) set of maintenance manual and parts catalogue to be provided with compressor (both hard copy and soft copy).                                                                                       |  |                         |
| 25. | <b>Brochure /Catalogue</b>                     | Brochure /Catalogue of the compressor must submit with the tender documents to ease up the custom clearance.                                                                                                |  |                         |
| 26. | <b>Optional Items</b>                          | Supplier to provide a list of fast & slow moving spare parts and essential items with current market price with 1 year validity.                                                                            |  | To be quoted separately |
| 27. | <b>After sales service</b>                     | Supplier should give guarantee on the issue of after sales service both for supply of spare parts as well as responding any call promptly in case of Break down as when required basis (at least 10 years). |  |                         |
| 28. | <b>Other notes</b>                             | Supplier should advice on the issue of erection spot, exhaust out let as well as setting of tripping value for any relevant parameter. Training: As per requirements.                                       |  |                         |
| 29. | Performance Guarantee                          | 10% of the total value for 395 days from the issue date                                                                                                                                                     |  |                         |

**Other information needed for submission:**

| Sl# | Items name                                                                                                                                                                                                                                           | Required Info                    | Bidder’s offer |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------|
| 1   | Principle Name & Address: By Bidders                                                                                                                                                                                                                 | To be mentioned                  |                |
| 2   | Local Agent Name & Address: By Bidders                                                                                                                                                                                                               | To be mentioned                  |                |
| 3   | Total CFR/CPT Price Ready stock/Benapole /Chattogram/ Mongla port (Add a <b>tick mark</b> ): US \$/EURO or For Local BDT offers: VAT and TAX should be included.                                                                                     | To be mentioned                  |                |
| 4   | Commissioning, Training and Successful Test run cost in BDT <b>and Payment mode:</b> After Commissioning at MCF.                                                                                                                                     | To be mentioned                  |                |
| 5   | <b>Transportation Cost and Payment mode:</b> (Port to MCF site) in BDT and <b>Payment mode:</b> After arrival at MCF                                                                                                                                 | To be mentioned                  |                |
| 6   | <b>Inspection &amp; Test and Payment mode:</b> For Import/LC offer: Third party SGS/Bureau VERITAS, etc Or For Local offer: SGS/ Bureau VERITAS/BUET/BSTI/MCF/Intertek and <b>Payment</b> will be made after completion of PSI by the supplier cost. | <b>As per Part 7, Article 11</b> |                |
| 7   | <b>Mode of Payment:</b>                                                                                                                                                                                                                              | <b>As per Part 7, Article 15</b> |                |
| 8   | 1% of the quoted price as earnest money in the form of a Demand Draft/Pay Order                                                                                                                                                                      | To be mentioned                  |                |
| 9   | Certificate (Authorization etc.)                                                                                                                                                                                                                     | Need to submit with offer        |                |
| 10  | Offer Validity                                                                                                                                                                                                                                       | 90 days                          |                |
| 11  | <b>Liquidated damage (LD):</b>                                                                                                                                                                                                                       | <b>As per Part 7, Article 17</b> |                |
| 12  | Experience with Similar Brands & Models in Bangladesh (Minimum 5 Years)                                                                                                                                                                              | Must be submitted                | Compulsory     |
| 13  | Port of Shipping (If Import/LC by Buyer Offer)/Loading Port                                                                                                                                                                                          | To be mentioned                  | "              |
| 14  | Latest Shipment Date (If Import/LC by Buyer Offer)                                                                                                                                                                                                   | To be mentioned                  | "              |
| 15  | LC Opening Bank: The Trust Bank Plc., Bangladesh (applicable if the Buyer opens the LC; LCs issued by other banks will not be accepted).                                                                                                             | Trust Bank                       | "              |
| 16  | Arrival Date at MCF, Mongla Cement Factory, Mongla, Bagerhat                                                                                                                                                                                         | To be mentioned                  | "              |
| 17  | H.S code (BD)                                                                                                                                                                                                                                        | To be mentioned                  | "              |
| 18  | Please complete the Part-5 by filling in the required information and send a soft copy only to dpd@senakalyan.com on the tender opening day, after the tender has been opened.                                                                       | Please send it by email          | "              |

**Special Note:**

- Note: Quoted price to include the cost of Accessories, Supply, Commissioning, Successful Test run and everything of complete offer (Turnkey basis).
- The Oil Injected Rotary Screw Type Air Cooled Air Compressor with Integrated Dryer must be suitable for MCF operations and a highly dusty environment.