

EGYPTIAN SUGAR & INTEGRATED INDUSTRIES COMPANY



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CAIRO, 26.11.2025

- Subject: - Tender No. 5000/3700 (two envelopes)  
- Due date 18.12.2025 at 10 O'clock Cairo local time.  
- Rewinding & habilitation of the main alternator rotor winding TG set 4.5MW at Edfu factories.  
- PRICE OF TENDER DOCUMENTS SET L.E. 575.-

Dear Sirs,

We shall be much obliged to receive on or before a/m due date your two envelopes as follows:- **FIRSTLY: ENVELOPE (A)** :- including:-

1-Technical offer, one original plus two copies, for the supply of:

- Rewinding & habilitation of the main alternator rotor winding TG set 4.5MW at Edfu factories.

Complete technical specification as per attached Annexed list.

Technical offer should state & include the following:

1-1) detailed specifications and pre-qualification's documents in the same field (especially ESIIC sugar's company).

1-2) Complete catalogues, pamphlets in English Languages including relevant technical specifications.

1-3) Country of origin : .....

1-4) Port of shipment Name ....., taking into your consideration that (REJKA seaport or CONSTANZA seaport not accepted from our side in case contracted FOB seaport).

1-5) Terms of payment: will be through LC covering the total value of goods and payable as follows:

\* 80% against shipping documents.

\* 20% retention money to be paid against the original of report of successful using at site.

1-6) the shortest delivery time will be considered.

1-7) Full name, address, e-mail, Tel & Fax No. of your Egyptian agent (if any), they must submit the following documents:-

Register on commercial Archives.

Register on tax Archives.

Register on Added tax Archives.

The 2 % Bid Bond:

2/1) in form bank guarantee to be issued and confirmed in the same currency of your offer.  
(In case the equivalent of Egyptian pound, to be increased by 20 %).

OR

2/2) in cash at the same currency of your offer (in case the equivalent of Egyptian pound increased 20 %.

-The original 2 % unconditional Bid Bond bank guarantee to be presented in a separate envelope (C) but its copy (after deleting the amount) to be attached with your offer envelope (A).

The 2 % Bid Bond unconditional bank guarantee to be confirmed from first class bank in Egypt and extended by you without an application from us.

**SECONDLY ENVELOPE (B):- Including:**

Your priced offer which should state the following:-

1- Itemized unit and total price on:

\* FOB your port of shipment. (FOB REJIKA or CONSTANZA seaport not accepted from our side).

\* C&F basis ALEX. /Egypt.

\*Your price must include the costs of fumigation and stamping the wooden package according to the international standard if wooden packages will be used.

2- Gross/net weight and volume also the kind of package which will be used and if shipment will be effected in container or not.

3- Shortest delivery time.

4- Prices validity to be 4 months minimum.

5- Payment will be effected through (confirmed or unconfirmed as your option) , irrevocable LC covering the total value of the goods and payable as follows:-

5/1- 80 % of the good's price against the following shipment documents:-

a) 2 originals (& 2 copies) of signed invoice illustrated as per order.

b) 5 sets of weight & packing list.

c) Complete set of clean B/L plus 3 nonnegotiable copies made to the order of LC opener bank and notify E.S.I.I.C.

d) Original & 3 copies of certificate of origin.

e) One original plus two copies of Euro 1 certificate.

(f) Original and three copies of test work certificate in triplicate issued by the manufacturer.

*only bank charges inside ARE on ESIIC.*

*6-2) all bank charges of LG in & outside ARE will be on supplier's account.*

*6-3) Commission of the Egyptian agent will be deducted from the total order value to be paid to the agent through his account in LE by opener bank (i.e. only net value of the order will be transferred to supplier).*

*6-4) Prices to be firm without any change whatsoever until completing shipment and undertaking all contractual obligations.*

*6-5) the performance bank guarantee, amounting 10% of the total value of the order and valid for 18 months from date of successful taking over test, to be presented within 15 days of opening the relative LC.*



6-6) Short supply: In case of any short supplied items or found defective, your company will replace them at the site (E.S.I.I.C) CIF basis free of charge duly packed in suitable packing without any delay.

6-7) in case shipment inside containers the demurrage period not less than 30 days at port of discharge to avoid any penalties applied.

6-8) If we don't receive any objection from your side regarding the order and its conditions (technical and commercial clarifications) within 7 days max. From date of receiving it company ESIIC will be considered as an acceptance of order and all its conditions from your side and complete all formalities accordingly.

\* An additional points must be taken into your consideration in case of order:-

1) Detailed packing list showing contents of each package in case shipped by container packing list should show No. of package and its serial in each container also contents of each package.

2) 2 sets of original catalogues in English languages, all tech. data and the operation's manual instruction for the required machine.

3) In case shipping inside LCL container.

\* Mentioned volume in B/L.

Amount of invoice for the order and its component should be lump sum.

Two copies of beneficiary fax shipping notices sent to the applicant as follows:

7/1) First notice: Within 5 days before loading commencement showing name, age and flag of the vessel, number and volume of package.

7/2) Second notice: Within 2 working days from completing loading, indicating actual packages and weight loaded, departure date, expected date of arrival to discharge port also stating full name and address of the vessel agent at discharge port.

8): - Penalty of delay: -

In case the supplier fails to deliver in due date the deliveries in whole or part the E.S.I.I.C. shall be entitled to inflict a penalty of 1% (one percent) of the total price of the delayed deliveries for every week or part of week The total Penalty shall not exceed 5% (five percent) of the order.

Awaiting your offer, Dear sirs.

Yours Faithfully

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*Tender No. 5000/3700*

- Rewinding & habilitation of the main alternator rotor winding TG Set 4.5MW at Edfu sugar factories to increase the insulation Efficiency of the rotor (minimum recommended insulation resistance is  $\geq 10 \text{ G}\Omega$  at 500 VDC; at sufficient time .
- Rotor income checks and create income report (inspection reports should be submitted).
- Rotor insulation testing (IR (Insulation Resistance), DA (Dielectric Absorption), PI (Polarization Index) to investigate the existence of the carbon contamination and moisture.
- Rotor surge test with suitable voltage to indicate turn to turn short circuit.
- Marking of all the components (cooling fans, Retaining Rings, slip rings, wedges. etc.).
- Removing of cooling fan at both sides of the Rotor.
- Removing of retaining Rings for both sides of the Rotor.
- Measuring the dimensions at different positions on the overhang portion of the winding prior removing of insulation and recording it down.
- Removing of top insulation bandings (Resi glass pf HGL Foundation based) on both sides.
- Removing of all wedges, securing them in different lockers.
- Noting down the connections and Debra zing them using oxy acetylene torch.
- Measuring the dimensions (diameters) of all individual coils in a group for both sides (DE & NDE) of windings.
- Measuring & noting down the inter layer insulators.
- Carefully removing the coils from the slots and complete cleaning and removing the burs and maintaining the old shape of the coils without any changes.
- Applying Anti Corrosive varnish to the entire rotor
- Measuring the dimensions of truffle (main wall insulation) and inter turn conductor insulation.
- Placing new truffle and insulation in the slots.
- Placement of old coils in the slot's troughs one by one carefully without creating any pressure to the troughs and providing new inter layer insulation with Glaso flex liners for both straight and overhang portion.
- Compressing the slot portion using special machined pressure bit adapters.



- Re-wedging of wedges as per existing to lock the slots portion.
- Compressing the overhang bending to required dimensions and conduct primary RSO test, DC Resistance and AC impedance test.
- Providing Overhang insulation (Resi glass / HGL) as per the original.
- Refitting of cooling fans on both sides locking
- Machining of slip rings in order to attain symmetrical dimensions throughout the slip rings.
- Conducting secondary RSO test.
- Pre heating of complete rotor for consolidation and curing.
- Recurrent surge Oscilloscope test (RSO)
- DC Resistance test
- AC Impedance test
- IR Test
- Winding resistance
- AC High Voltage
- Refitting cooling fan on both sides locking
- Rotor cleaning with suitable chemical solvent
- Supply of new journal bearing for the generator rotor
- High speed balancing (HSB) of the rotor at a speed 3000 rpm shall be done to achieve a housing vibration velocity of 1.0 mm/sec.
- High speed balancing certificate must be submitted

*- The price offer includes supervision of the Erection, installation and successful operation of the rotor in presence of the technical representative (qualified experts) of the company carrying out the repair & Rehabilitation (max 5 days of works in Egypt).*

*- If any of the rotor coils are needed for winding, no repairs are made to the coils or bridges are made, but the coil is completely changed*

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- submitted us with a certificate of dynamic balance for the rotor is presented indicating this, provided that a representative from our company attends the dynamic balancing process at speed at 3000 r.p.m
- the price offer including visit for three engineers from ESIIC for 5 working days excluding travel days for reacceptance, test and make dynamic balance the rotor, the bidder will bear (air ticket, full accommodation 3 meals/day and local transportation excluding any visa charges.
- remove the rotor will be done under supervision the bidder (the bidder will bear air ticket for his experts, while ESIIC bear full accommodation 3 meals/day in the factory rest and local transportation
- The rotor should be delivered to Edfu Sugar Factories before the start of the next juice season 2026/2027 ,
- The bidder provided with a timetable for the repair process, starting with the receipt of the rotor at the workshop of the company carrying out the repair.
- transportation of the rotor from Egypt and back (bidder responsibility)
- Warranty period: for one year from the date of successful operation on the load.
- payments terms: 80% after finishing of repair in Edfu sugar and handling over of documentation, the rest 20% will be paid after successful operation of the rotor on load

3/3