

Bid invitation

Information

Description: STATOR REWINDING 298HP SQIM

Bid invitation number: 6300037826

Version: 1

Bid invitation rules

Bid invitation currency: INR

Timezone: INDIA

Submission period: 22.08.2022 14:00:00

Opening date: 22.08.2022 17:00:00

Tech Opening date: 22.08.2022 16:00:00

Created On: 02.08.2022 02:35:01

Bid invitation text:

Tender Notice

Tenders in Two bid system are invited from Firms/Motor repairers who have previous experience in Repair of more than 150 HP Heavy-duty 3 phase, AC Induction Motors.

Description of Work:

Stator Rewinding of One No. of 298HP 3 Phase AC Motor (Siemens make) of 20cuM Rope Shovel.

Scope of Work & Notes for Motor with 298HP (Stator Re-Winding):

1. The defective motor is available for physical inspection for ascertaining the scope of work including parts and labour before submission of the quotation. Firm has to depute their competent representative for technical evaluation and finalization of scope of work to our erection office before preparation/submission of quote.
2. Both the end bearings along with seals are to be replaced. Bearing No. as per our manual is NU2222E, NU220 & 6220. However, it is the supplier's responsibility to confirm the bearing nos. upon dismantling. The bearings are to be of SKF/FAG/TIMKEN make only. The motor bearing seal housings to be inspected and rectification if any required to be done accordingly. Old/removed bearings to be handed over to BEML.
3. Failed stator coil has to be taken as a sample for new stator winding. The new stator coils Copper quality and the gauge has to be matched 100% with failed/removed stator coil.
4. The sleeve insulation to be repaired/rebuilt which houses the bearings (insulates the bearing)
5. The lubrication line for the end bearings has to be checked and any rectification required is to be carried out. Pre-lubrication of motor bearings with Gadus S3 V220C2 grease of M/s Shell Company is in the firm's scope.
6. The speed sensor's tooth wheel and temperature sensors for bearings and windings are to

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be checked. If the tachometer/ Speed sensor wheel is found damaged the same to be informed

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immediately to BEML for the supply of the same from BEML end. Replacement of temperature sensor is in the firm's scope.

General Scope of Work & Notes for Motor:

1. Insulation required is class F-VPI.
2. Complete assembly of grounding brush and its holder to be checked and replaced.
3. Fixing up of motor junction box with suitable neoprene to avoid water entry into the stator & rotor body of the motor.
4. The lubrication line for the end bearings has to be checked and any rectification required is to be carried out. Pre-lubrication of motor bearings with Gadus S3 V220C2 grease of M/s Shell Company is in the firm's scope.
5. Complete assembling & Testing of the motor (surge comparison for inter-turn test, Megger, resistance, etc.,) has to be carried out in the presence of BEML representatives only.
6. Removal & fitment of drive pinion & brake hub is in the firm's scope.
7. Clearly indicate applicable taxes and duties.
8. The repaired motor will be under repair warranty in all respects for 12 months from the date of fitment on the shovel/equipment or 5000 working hours on shovel whichever is earlier. The warranty will not cover any failure on the rotor assembly of the motor.
9. Collection and delivery of the motor from BEML is the responsibility of the firm.
10. Delivery: Within 45 days from the date of collection of motor/receipt of the work order.
11. Payment: 90% payment within 30 days from the date of delivery and acceptance of the repaired motor and balance 10% after the warranty period

Last date & time for online submission: 22.08.2022 at 14.00 HRS for online submission of tender documents.

Eligibility:

The tenderer should have previous experience in Repair of Heavy-duty Motors of more than 150 HP, 3phase, AC Induction Motors.

For any clarifications please contact Email: admin.srm@beml.co.in

singrauli@rm.beml.co.in

20cumrs@gmail.com

Phone number: 08022963269

Attachments:

NIT

Digital Signature

Bid invitation details

Item	Product Price Condition	Description	Vendor product number	Delivery date/ performance period	Quantity
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Item	Product Price Condition	Description	Vendor product number	Delivery date/ performance period	Quantity
1		STATOR REWINDING OF 298HP SQIM OF 20CuM			1 JOB
	Basic Price		INR		