

## Bid invitation

### Information

Description:EMN2/H&P/Serviceing of 20T EOT Crane  
Bid invitation number:6300034972

### Bid invitation rules

Bid invitation currency: INR  
**Timezone:** UTC+53  
**Submission period:** 04.12.2020 17:00:00  
**Opening date:** 04.12.2020 17:00:00  
**Created On:** 20.11.2020 05:04:17

### Bid invitation text:

- 1) In E- Bidding system - If you need any type of assistance. Please contact on given phone/Email.
- i) Ph No – 080- 22963269 / 22963141 & ii) Email – admin.srm@beml.co.in .
- 2) In Note and Attachments , firm can write their Technical details and other terms & conditions.
- 3) Quotation validity to be given at least 90 Days from the date of tender opening.
- 4) Quoted rate to be given FOR destination basis ( i.e Freight paid basis upto H&P- Division , KGF )
- 5) Kindly note that BEML Standard payment term is 60 Days credit
- 6) LD and risk Purchase clause are applicable and
- 7) Please contact given below email lds for any type of technical clarification.
- i) emnkgf@beml.co.in & ii)hn@beml.co.in

### Bid invitation details

Item	Product Price Condition	Description	Vendor product number	Delivery date/ performance period	Quantity
1		SERVICING OF 20T EOT CRANE			1 JOB

### Item long text:

SERVICING OF 20T EOT CRANE (HOIST, CT & LT MOTIONS) AS PER SCOPE OF WORK  
SCOPE OF WORK

#### A. LT Drive System:

1. Dismantling of LT Drive System consisting Motor, Gear Box, Drive & Idle Shafts with Gear Couplings and

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		Resistance Boxes.			
		2. Repair of Gear Box & Motor mounting Platform for proper alignment.			
		3. Servicing of Gear Box for smooth operation and fixing the same.			
		4. Servicing of all Wheel Assy. Units (both Drive & Idle)			
		5. Removal of bends in shafts and servicing of Shaft Gear Couplings			
		6. Fixing of Drive & Idle Shafts and Gear Couplings with proper alignment.			
		7. Fixing of New 10HP, 1000 RPM AC Induction Motor for LT Movement.			
		8. Servicing & alignment of Brake Thrust Motor & Brake Shoe			
		9. Measurement & Correction of Skew of Crane			
		B. Hoist & CT Motion:			
		1. Servicing of Gear Boxes for both Hoist & CT Motion for Smooth Operation			
		2. Alignment of Motor & Gear Box for HT & CT Motion			
		3. Servicing of Thrust Motor & Brake Shoes for both Motions			
		4. Servicing of Resistance Box for Hoist Motion			
		5. Servicing of Wire rope Drum & positioning of Gravity Limit Switch			
		C. Electrical Works:			
		1. Installation & Commissioning of VFD for LT Motor with necessary accessories & wiring to attain adjustable Speed in the range of 30 to 40 MPM			
		2. Servicing of Hoist Motion Panel for correct functioning of Starting Step Resistances.			
		3. Checking & Correction of Limit Switch Interlocks for Hoist, LT & CT Motions.			
		D. TERMS & CONDITIONS:			
		1. Firm has to prove out Smooth Operation of Hoist, LT & CT Motions without jerks.			
		2. Firm has to give warranty of One year for LT Drive (VFD & Motor) System & Workmanship from the Date of Commissioning.			
		3. All the above works should be carried out intermittently as per BEML requirement without affecting our Production work.			
		4. Firm has to deploy people who are covered under ESI & PF only.			
		5. Firm has to take necessary Safety Work Permit on Daily basis before commencing the work.			
		6. Firm has to arrange for all Personnel Safety Equipments like safety Belts, Helmets & Other required accessories while working at Heights. BEML will be not responsible for injuries & deaths to Firm's Personnel in case of Accidents.			
		7. All the necessary Tools & Equipments like Welding Set, Angle Grinder, Dill Gun, welding Electrodes, Cutting Wheel & Grinding Wheels etc., to carry out the above works should be arranged by Firm.			
		Note:			
		1. Firm may visit our works before submitting their Offer.			
		2. PO will be released on single firm only for both Material & Labour based on cumulative value.			

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Item	Product	Description	Vendor product number	Delivery date/ performance period	Quantity
	SGST - State GST		%	_____	
	Basic Price		INR	_____	
	CGST - Central GST		%		
2	8770846095	MATERIAL FOR MODIFICATION OF LT DRIVE		00:00:00	1.000 SET

**Item long text:**

MATERIAL FOR MODIFICATION OF LT ELECTRIC DRIVE SYSTEM AS PER SCOPE OF SUPPLY.  
 SCOPE OF SUPPLY:

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1. SQUIRREL CAGE AC INDUCTION MOTOR OF RATING: 7.5KW/ 10HP, 6 POLE, 1000 RPM, FOOT MOUNTING, 132S FRAME OF S4 CRANE DUTY. MAKE: KIRLOSKAR/CG/SIEMENS/BB/NGEF ONLY
  2. VFD WITH PANEL & ACCESSORIES SUITABLE FOR ABOVE MOTOR. MAKE: ABB/L&T/XASKAWA
  3. Material for servicing of Gear Boxes (Hoist, CT & LT) like Oil Seals, Gears if needs replacement.
  4. Material for Alignment of LT Drive Shaft like Gear Couplings & Bolts if needs replacement.
  5. Material for modification/ alignment of LT Motor & Gear Box mounting Platform.
  6. Other required material for complete servicing of LT drive System in order to ensure Smooth Movement without any jerks.

NOTE: Firm has to quote price for Complete Material as 01 SET \_\_\_\_\_

SGST - State GST	%	_____
Basic Price	INR	_____
CGST - Central GST	%	_____