



BHARAT HEAVY ELECTRICALS LIMITED

BAP – Ranipet, 632406

M M – PURCHASE Department (FGD)

NIT

Date: 08-01-2022

BHEL Ranipet Enq for.: Elevator – Panki (BMB & GDS Bldg)

Sub: Requirement for “Supply, installation, Erection, commissioning and performance testing of elevators for BMB along with spares as per Scope” for BHEL Site by BHEL-Ranipet.

Scope of supply: As subjected above in confirmation with Quality plan. The package consists of:

Package (Project : UPRVUNL Panki, 1 x 660 MW)					
Sl	Material code	DESCRIPTION	Qty set	Delivery req	Quoted/ Not quoted
1	RFW114370001	Supply of Elevator & its accessories for GDS bldg. – Rope and pulley type, Passenger cum goods, for total travel length 22.0 mtr approx., Floor = 2+1(Ground) and Load capacity 1000 kgs at UPRVUNL Panki site, As per tech spec/ doc	1	24-06-2022	
2	RFW114370002	Supply of Elevator & its accessories for Ball mill bldg. – Rope and pulley type, Passenger cum goods, for total travel length 8.25 mtr approx., Floor = 1+1(Ground) and Load capacity 1000 kgs at UPRVUNL Panki site, As per tech spec/ doc	1	24-06-2022	
3	RFW114370003	E&C, start-up, and trial run of Elevator & its acc. For GDS bldg At site as per tech Spec/ doc	1	30-02-2023	
4	RFW114370004	E&C, start-up, and trial run of Elevator & its acc. For Ball mill bldg. At site as per tech Spec/ doc	1	30-02-2023	
5	RFW11444001-29	Mandatory spares as attached	1	24-09-2022	

Destination: Main elevator to supply at BHEL project site
Spares shall be supplied at Stores-BHEL, BAP-Ranipet

Delivery required date: As per above table or within 4 months from the date of manufacturing clearance, whichever is later. Bidder to quote the best possible delivery from the date of manufacturing clearance. Abnormal quoted delivery, liable for rejection of offer.



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Pre-Qualification requirement (PQR):

1. Technical -

SL	Pre-Qualification Requirement (PQR)	Bidder's Reply with Supportive documents
1	<p>Bidder to have previous experience of manufacturing, supplying, erecting and commissioning the Elevators of minimum 1000 kg capacity in coal fired thermal power plants or in FGD application such that respective equipment(s) should have been in successful operation for a period not less than One (1) year from the date of Techno-commercial bid opening.</p> <p>Proof of such experience have to be submitted along with the bid in form of relevant documentary evidence.</p>	

2. Financial soundness: Bidder should have minimum annual turnover of INR 25 lakhs (INR Twenty-Five Lakhs only). Bidder to submit the financial statements or Profit and Loss account for previous three continuous years (Any one of: FY 2018-2021 or 2017-2020). – **Bidder to submit the supportive documents**

Technical requirement

- (a). **Manufacturing: Document Submission**-Drawing, Data sheet and quality plan shall be submitted upon ordering for approval by BHEL. **Manufacturing clearance** will be provided upon approval of drawing with data sheet and QAP. Manufacturing shall be as per attached technical specification in the bid, Approved drawing, Quality plan and Data sheet. **Inspection:** as per Cl (b) below stated. **Dispatch Clearance:** Upon submission of inspection reports along with test certificates in original and Packing list dispatch clearance will be provided by BHEL.
- (b). **Inspection:** Inspection (call to be raised by supplier at BHEL CQIR portal) before despatch at supplier's works (as per Quality terms and Quality plan) by BHEL/authorised agency (TPI-Third Party Inspection) for indigenous supplies at BHEL cost. Inspection includes for painting and packing also, as applicable. All the Test and inspection reports shall be sent to BHEL-Ranipet for review and dispatch clearance. Packing list and weight details shall be sent for release of GMS by Engineering-BAP. Based on release of GMS, CoC No shall be issued by QC-BHEL. On receipt of CoC, and packing list, request letter from commercial-BAP to be submitted to QC-BHEL for issue of MDCC.
- (c). **Packing requirement:** Packing shall be waterproof. All item shall be packed in steel container as per technical spec. and the material code with description & Supplier name shall be marked on the packing.
- (d). **Documents:** Accepted IR copy along with relevant test certificates (in original) before despatch to be given to BHEL. This is required for Dispatch clearance.
- (e). **Reverse Auction** shall be conducted, Overall Package wise L1 shall be taken for Ordering.
- (f). **Delivery Location:** FOR destination (BHEL Site), as per bid



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Note:

1. Quote shall be in INR only
2. Relevant documents/formats are attached in Additional scope of GeM bid.
3. Quoted rate shall be inclusive of GST, as per GeM terms and condition.
4. Non Submission of any of required documents as listed below, attracts for offer rejection.
5. Package wise evaluation methodology shall be adopted
6. Quote in the bid shall be treated as bidder acceptance of all the commercial terms of bid and additional terms of bid along with general terms of GeM bidding for purchase of materials.
7. Bidder shall not be debarred by BHEL or Govt of India as on date of tender opening.
8. CEBG @2% of PO value shall be submitted after the PO and PBG @10% of PO value shall be submitted along with material supply. BHEL formats and listed banks are attached

List of documents to be attached (signed stamped copy):

1. NIT and GeM bid copy
2. Tech spec filled in along with all annexures
3. Filled in QAP (Sample attached) along with CQR
4. Filled-in Make in India declaration on Letter head (format attached)
5. Udyam portal registration copy if MSE bidder
6. PQR-Technical documents
7. PQR-Financial documents
8. BG signed copies

For any query: Kindly provide the “Elevator Panki” in the subject of mail.

mail: ckbharti@bhel.in; jpatel@bhel.in; jecashish@bhel.in

Ph: 9488 58 9287 / 7010 75 1675

You may raise the query through GeM also.

ANNEXURE-VI
MANDATORY SPARES:
(For Ball Mill Elevator & GDS Building Elevator)

	Item	Quantity
i	Brake	
	Tool to brake (common For Ball mill Elevator and GDS Elevator)	1no.
	Fan (common For Ball mill Elevator and GDS Elevator)	1no.
	Magnet coil with housing pads (common For Ball mill Elevator and GDS Elevator)	2no.
	Brake pads (common For Ball mill Elevator and GDS Elevator)	6no.
	Adjusting sleeve (common For Ball mill Elevator and GDS Elevator)	2no.
	Fixed brake disc (common For Ball mill Elevator and GDS Elevator)	2no.
ii	Gear Box	
	Gear Box complete (common For Ball mill Elevator and GDS Elevator)	1 set of each type & rating
	'O' ring (common For Ball mill Elevator and GDS Elevator)	2no. of each type
	Sealing ring (common For Ball mill Elevator and GDS Elevator)	2nos. of each type
	Bearing (common For Ball mill Elevator and GDS Elevator)	1 set of each type & size
iii	Door front	
	Bearing (common For Ball mill Elevator and GDS Elevator)	2nos
	Roller (common For Ball mill Elevator and GDS Elevator)	3nos
	Bushing (common For Ball mill Elevator and GDS Elevator)	2nos
iv	Limit cams	
	Sensor (common For Ball mill Elevator and GDS Elevator)	1no.
	Switch (common For Ball mill Elevator and GDS Elevator)	2nos
	Switch arm (common For Ball mill Elevator and GDS Elevator)	2nos.
v	Sliding Door	
	Rollers (common For Ball mill Elevator and GDS Elevator)	4no. of each type
vi	Machinery	
	Brake motor (common For Ball mill Elevator and GDS Elevator)	1 no

BIDDER SIGN WITH SEAL AND DATE:

MANDATORY SPARES

vii	Cable trolley	
	Ball bearing (common For Ball mill Elevator and GDS Elevator)	2no. of each type
	Limit Switches (common For Ball mill Elevator and GDS Elevator)	1 set of each type and size
	Main Suspension Rope for Ball Mill Elevator	1 full length for each type / each length and size
	Main Suspension Rope for GDS Elevator	1 full length for each type / each length and size
	Safety Gear (common For Ball mill Elevator and GDS Elevator)	1 no. of each type and size
	Over speed governor device (common For Ball mill Elevator and GDS Elevator)	1 no. of each type
	Guide rail for car for Ball Mill Elevator	1 set of each type
	Guide rail for car for GDS Elevator	1 set of each type
	Guide rail for counterweight for Ball Mill Elevator	1 set of each type
	Guide rail for counterweight for GDS Elevator	1 set of each type
	Load Cell (common For Ball mill Elevator and GDS Elevator)	2 set of each type

Note:

If, Mandatory spares as per ANNEXURE-VI are not applicable to vendor Elevator design, vendor shall quote Equivalent/ applicable spares against each items.

*** Unless otherwise stated, a set shall mean complete replacement for one equipment.**

1. Any change in size, material, design etc, which obviates one to one replacement of the part shall be considered a different type.
2. Wherever quantity has been specified as percentage (%), the quantity of mandatory spares to be provided by contractor shall be the specified percentage (%) of the total population of the plant. In case the quality so calculated happens to be a fraction, the same shall be rounded off to next higher whole number.
3. Whenever the quantities have been indicated for each type, size, thickness, material, radius, range etc., these shall cover all the items supplied and installed and the breakup for these shall be furnished in the bid.
4. In case spares indicated in the list are not applicable to the particular design offered by the bidder, the bidder should offer spares applicable to offered design with quantities generally in line with the approach followed in the above list.
5. Price of each and every item is to be given separately.

Bidder shall quote for the “Mandatory Spares Part List”, and it will be considered for L1 evaluation.

BIDDER SIGN WITH SEAL AND DATE:

MANDATORY SPARES