



# BHARAT HEAVY ELECTRICALS LIMITED

BAP – Ranipet, 632406

MM – PURCHASE Department (FGD)

BHEL Ranipet Enq for.: Elevator for Panki

NIT

Date: 02-06-2021

**Sub:** Requirement of Passenger cum goods elevator for FGD Package of BHEL Project site UPRVUNL-Panki by BHEL-Ranipet.

**Scope of supply:** Supply, Erection, Commissioning, Start-up and trial run of Elevator & its accessories for following areas as per tech Spec PANKI:FGD:ELEVATOR-BMB&GDB rev 01. The package consists of:

SI	Area	Scope of supply			
Package BMB	Ball mill building	Package consist of following 3 part (Enq SI 1 to 3)			
		Enq sl	BHEL Material code	Description	Qty set
		1	RFW011060001	Supply of Elevator & its accessories AT PANKI as per tech Spec PANKI:FGD:ELEVATOR-BMB&GDB rev 01 <i>Rope and Pulley type elevator, total travel length 8.25 mtr (approx), No of floor = 1+1 (ground), Load 1000 kg minimum</i>	1
		2	RFW011070001	E&C, start-up, and trial run of Elevator & its accessories at UPRVUNL-Panki as per tech Spec PANKI:FGD:ELEVATOR-BMB&GDB rev 01	1
Package GDS	Gypsum dewatering building	3	RFW011080001 to RFW011080027	Supply of spares as per annexure 1 and as per tech Spec PANKI:FGD:ELEVATOR-BMB&GDB rev 01	List
		Package consist of following 3 part (Enq SI 4 to 6)			
		Enq sl	BHEL Material code	Description	Qty set
		4	RFW011090001	Supply of Elevator & its accessories AT PANKI as per tech Spec PANKI:FGD:ELEVATOR-BMB&GDB rev 01 <i>Rope and Pulley type elevator, total travel length 22 mtr (approx), No of floor = 2+1 (ground), Load 1000 kg minimum</i>	1
		5	RFW011100001	E&C, start-up, and trial run of Elevator & its accessories at UPRVUNL-Panki as per tech Spec PANKI:FGD:ELEVATOR-BMB&GDB rev 01	1
		6	RFW011110001 to RFW011110027	Supply of spares as per annexure 1 and as per tech Spec PANKI:FGD:ELEVATOR-BMB&GDB rev 01	List

**Destination:** For Supply of elevator with accessories at BHEL Site, UPRVUNL-Panki  
For E&C, Start-up and Trial run at BHEL Site, UPRVUNL-Panki  
For Supply of Spares at Stores-BAP, BHEL Ranipet

Schedule	Package	Bidder to fill/select
Schedule Elev BMB	Ball mill building	
Schedule Elev GDS	Gypsum dewatering building	



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## ***Delivery required date:***

***For Supply:*** 24-06-2022 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.

***For E&C, Start-up and trial run:*** within 6 months from the date of supply or after site readiness, whichever is later. Bidder to quote the best possible delivery from the date of clearance.

## **Pre-Qualification requirement (PQR):**

**1. Technical** - 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.

Proof (in form of documentary evidence) of such experience have to be submitted along with the bid.

**2. Financial soundness:** Bidder should have minimum annual turnover of amount as stated below. Bidder to submit the Audited balance sheet along with Profit and Loss account for previous three continuous year (Any one : FY 2018-2021 or 2017-2020 or 2016-2019).

Quote for Package Elevator BMG bldg. = minimum Annual turn-over of INR 6 (Six) Lakhs

‘or’

Quote for Package Elevator GDS bldg. = minimum Annual turn-over of INR 8 (Eight) Lakhs

‘or’

Quote for both Package Elevator BMG & GDS bldg.= minimum Annual turn-over of INR 14 (Fourteen) Lakhs

## **Technical requirement**

**(a). Manufacturing: Document Submission-**Drawing, Data sheet and quality plan shall be submitted within 2 weeks 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 CI (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 raise 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.

**(c). Packing requirement:** Packing shall be waterproof. All item shall be packed in steel container (separate packing for each package) as per technical spec. and the material code with description & Supplier name shall be marked on the packing.

**Note:** Spares shall be packed separately package wise (PO No with PO sl No and Project shall be marked) and to be dispatch to Sub-Delivery Stores-BAP, BHEL-Ranipet.



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(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, Item package/Schedule wise L1 shall be considered.

**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 PQR documents attracts for offer rejection.

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

1. NIT – filled-in copy
2. Tech spec filled in along with all annexures (Motor data sheet, Motor spec and Painting schedule)
3. Filled in QAP (Sample attached)
4. Filled-in Make in India declaration on Letter head (format attached)
5. Udyam portal registration copy if MSME bidder (Otherwise treated as Non-MSME)
6. PQR-Technical documents
7. PQR-Financial documents

**For any query:** Kindly provide the “Elevator Panki-BMG+GDS” in the subject of mail.

mail: [ckbharti@bhel.in](mailto:ckbharti@bhel.in); [vjm@bhel.in](mailto:vjm@bhel.in)

Ph: 9488 58 9287 / 7010 75 1675

You may raise the query through GeM also.

02-06-2021

Chandan Kumar Bharti

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## Annexure – 1 : Spare list (common for BMB and GDS)

Sl	Spare Name / Description	UoM	Qty
1	Friction Block	Nos	2
2	Guide roller-3 Nos of each type	Set	1
3	Contactors-2 No of each type	Set	1
4	Control transformer-1 No of each type	Set	1
5	Time device-2 Nos of each type	Set	1
6	Rectifiers-4 Nos of each type	Set	1
7	Over current relay-2 Nos of each type	Set	1
8	Auxiliary relay-3 Nos of each type	Set	1
9	Resistors-3 Nos of each type	Set	1
10	Fuses-20% of total population of each rating	Set	1
11	Limit switch-3 Nos of each type	Set	1
12	Push button-3 Nos of each type	Set	1
13	Contact device (if applicable)-3 nos of each type	Set	1
14	Brake motors-2 Nos of each type	Set	1
15	Transmitters-2 Nos of each type	Set	1
16	Switches-3 Nos of each type	Set	1
17	Receivers-2 Nos of each type	Set	1
18	Bearing-2 nos of each type and size	Set	1
19	Rollers-3 Nos of each type	Set	1
20	'O' ring for worm gear	Set	3
21	Sealing ring of each type for worm gear	Set	3
22	Fan for brake-2 Nos of each type	Set	1
23	Magnetic coil for brake-3 Nos of each type	Set	1
24	Brake disc	Set	2
25	Brake Pad	Set	2
26	Bushing (For Door Front)	Set	2
27	Pinion-2 Nos of each type	Set	1

\*\*All the spares shall be dispatched to Stores-BAP, BHEL-Ranipet.

02-06-2021

Chandan Kumar Bharti

Sr Er-Purchase/MM, BHEL-BAP, Ranipet-632406

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