

Power Sector - Southern Region 690, Anna Salai, Nandanam, Chennai - 600 035. Phone: 044 - 24342458 Fax: 044 - 24328516

Email :tkk@bhelpssr.co.in ,boopathy@bhelpssr.co.in :guna@bhelpssr.co.in

### **PURCHASE ENQUIRY – TWQ PART BID**

ENQUIRY No: EC 111003 DATE: 08/04/2011

**DUE DATE: 29/04/2011** 

Please submit your lowest quotation / offer for the item mentioned below. <u>Please always</u> <u>Super scribe the Enquiry No and Due Date on the cover as well as in the letter / quotation.</u> Please note that this is only ENQUIRY and not an Order.

Address of Vendor:		Material to be delivered at the respective Sites as per the ANNEXURE		
Sl No	Description	Unit	Quantity	Specification
1	SUPPLY OF PASSERNGER CUM GOODS LIFT	Nos	10	Specification as per Annexure -A

ABOVE ITEMS ARE TO BE DELIVERED WITH IN ONE MONTH FROM THE DATE OF RECEIPT OF PURCHASE ORDER TO BHEL SITES / HQ STORES AFTER INSPECTION / DELIVERY CLEARANCE BY BHEL.

#### Note:

- (1) The Technical Specification along with Qualification requirements, Commercial Terms & Conditions applicable for this Enquiry and price Bid formats have been posted in our web site <a href="www.bhel.com">www.bhel.com</a>. Your offer should be based on all the above documents.
- (2) Also, you are requested to fill in the Supplier Registration formats available <a href="https://www.bhel.com">www.bhel.com</a> and send it along with your offer.

Tenders should reach us before 14.00 hours on the due date Tenders will be opened at 14.30 hours on the due date Tenders would be opened in presence of the tenderers who have submitted their offers and who may like to be present

Yours faithfully,
For BHARAT HEAVY ELECTRICALS LIMITED

Manager/ P&S



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#### **ANNEXURE** MATERIAL TO BE DELIVERED AT QTY. 1. SITE INCHARGE 01 No. BHEL SITE OFFICE, 1 X 800 MW **EDLAPUR** RAICHUR DISTRICT KARNATAKA 2. SITE INCHARGE 01 No. BHEL SITE OFFICE, NTPL 2 X 500 MW, POWER SECTOR SOUTHERN REGION, TUTICORIN - 628004, TAMILNADU 3. SITE INCHARGE 02 Nos. BHEL SITE OFFICE 2 X 210 MW SURANA TPS VANDLUR VILLAGE RAICHUR DISTRICT, KARNATAKA 02 Nos. 4. SITE INCHARGE BHEL SITE OFFICE 2 X 800 MW YERMARUS THERMAL POWER STATION YERMARUS, RAICHUR DISTRICT, KARNATAKA 5. SITE INCHARGE 02 Nos. BHEL SITE OFFICE JINDAL PROJECT HEAD JITPL SITE, PLOT NO. 513 / 3416 BHATHAT MUMDA (P.O) KANIHA, TESHI, ANGUL, ORISSA 6. SITE INCHARGE 02 Nos. BHEL SITE OFFICE MONNET POWER COMPANY LTD PLOT NO. 707 / B, A MALAPADA MALLBRAHMANI VILLAGE

ANGUL DISTRICT, ORISSA



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#### PURCHASE ENQUIRY – TWO PART BID

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#### **General Note:**

- 1. The offer has to be submitted in TWO PART BID. Part-I Technical and Commercial (Unpriced Bid) in a sealed cover. Part-II Price Bid in a separate sealed cover. Both the above sealed covers should be put in a separate sealed cover . All the covers should be super scribed with Tender no, Due date & Description of item .
- 2. Please quote the prices on" FOR Destination basis".
- 3. Rate quoted shall cover all basic price, tax, duty, Octroi etc, Packing & Forwarding, Freight and Insurance on FOR Destination basis. However breakup details shall be furnished to enable us to claim CENVAT / MODVAT benefits. Please note that amount towards CENVAT benefits which will be claimed by BHEL will be deducted from the offer for evaluation purpose.

### We will not furnish any "C" Form or any other concessional forms.

4. Erection and Commissioning of the above items will be in BHEL scope.

#### 5. **PAYMENT TERMS**

- (a) 90% payment will be made within 30 days from the date of receipt of satisfactory supply against submission of the following documents.
- 01) Invoice for 100% payment in duplicate
- Acknowledged copy of D C/invoice 02)
- Original Excise gate pass in the name of BHEL to avail MODVAT benefit 03) (payment will not be possible unless this is strictly adhered to)
- 04) Copy of SRV (to be issued by the consignee)
- 05) Inspection report
  - Offers demanding a) Advance Payment, b) Thro' Bank payment will lead to rejection of the submitted offer.
  - (b) Balance 10% against submission of Performance Bank Guarantee for 10% value of order, valid upto the guarantee period.
  - 6. **SECURITY DEPOSIT**: 10% of order value as **SD** shall be submitted after receipt of **PO** along with order acceptance letter.



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- 7. <u>EMD</u>: Rs.2,00,000/- in the form of DD. EMD shall be refunded to the successful tenderer after successful completion of supplies.
- 7.1 Every Tender must be accompanied by the prescribed amount of Earnest Money Deposit (EMD) in the manner described herein.
  - (i) EMD shall be furnished along with the offer in full as per the amount indicated in the conditions of Contract / NIT.
  - (ii) EMD is to be paid in cash (as permissible under Income Tax Act), Pay order or Demand Draft in favour of "Bharat Heavy Electricals Limited" and payable at Regional HQ issuing the tender.
  - (iii) No other form of EMD remittance shall be acceptable to BHEL.
  - (iv) Bidder may opt to deposit "One time EMD" of Rs.2.0 Lakhs (Rupees Two Lakhs Only) with BHEL, Power Sector Southern Region HQ issuing the tender, which will enable them to participate in all the future tender enquiries in respect of Erection and Commissioning services issued from the respective office. Interested bidders may clearly send their consent for converting the present EMD into a "One Time EMD" in their offer.
    - Note The "one Time EMD" cannot be withdrawn by the tenderers within 3 years from the date of deposit, under any circumstances.
       The Tenderer who wishes to withdraw after three years will not be allowed to submit "One Time EMD" again.
  - (v) Bidders who have already deposited such "One Time EMD" of Rs. 2.0 lakhs are exempted from submission of EMD for this tender. However a copy of "One Time EMD" certificate issued by BHEL. Regional HQ issuing the tender shall be enclosed along with the offer.
- 7.2 EMD by the bidder will be forfeited as per Tender Documents if
  - (i) After opening the Tender, the bidder revokes his tender within the validity period or increases his earlier guoted rates.
  - (ii) The bidder does not commence the work within the period as per LOI / Contract. In case the LOI / Contract is silent in this regard then within 15 days after award of contract.
- 7.3 EMD shall not carry any interest



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- In the case of unsuccessful bidders, the Earnest Money will be refunded to them 7.4 within a reasonable time after acceptance of award by successful tenderer.
  - 8. Any clarifications may be sought by Vendor should be with due written requests at least eight (8) days prior to Tender Due date.
  - 9. If the Tender Due date of Tender opening happens to be a Holiday, the Tender will be opened on the next working day.
  - 10. Inspection and **Delivery period**:

The items ordered to be offered for Inspection well in advance to carry out the Inspection at THEIR WORKS.

### Delivery requirement is at the earliest possible not latter than one month from the date of receipt of order.

- 11. Please refer to the Instructions to Tenders regarding Terms and Conditions as applicable to this Enquiry, which will also form an integral part of this enquiry.
- 12. Vendor should submit their offer with detailed specification of the product and product catalogues.
- 13. Please ensure NO DEVIATION certificate, as per format enclosed is sent duly filled and signed along with your technical bid offer.
- 14. The offer validity should be for 90 days from the date of opening of Technocommercial bid.
- 15. Vendor is requested to submit one set of this Enquiry copy, duly signed and to be submitted along with your offer as token of acceptance of our terms and conditions.

Yours faithfully

### For Bharat Heavy Electricals Limited

#### Manager / Purchase & Stores

#### **Attachments:**

: Tech specification 1) Annexure-A : Rate schedule - I & II 2) Annexure-B

3) Annexure I : General Terms & Conditions of PO

: Genreal conditions on Reverse Auction. 4) Annexure II

5) Annesure III : EFT format



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### CERTIFICATE FOR NO DEVIATION

<i>I</i> ,	_
Of	
M/s	
hereby certify that there is no deviation from the Tender	
conditions either technical or commercial and I am agreeing	to all
the terms and conditions mentioned in the Tender Specificat	ion.

SIGNATURE OF THE TENDERER



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### **TECHNICAL SPECIFICATION**

**ANNEXURE - A** 



# **Bharat Heavy Electricals Limited**

FEX Department

Power Sector – Southern Region

690, Anna Salai, Nandanam

Chennai - 600 035



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#### ANNEXURE - A

SL	TECHNICAL SPECIFICATIONS OF PASSENGER CUM GOODS ELEVATOR DESIGN AND CONSTRUCTION OF			
NO	ELEVATOR PUMP			
01 Applications Boiler House in power plants				
02	Type of elevator	Rack & pinion		
03	Load carrying capacity	1000kg		
03	Total travel	90mtr (vertical transportation)		
05	Speed mtr. / min.	25 to 28		
06	No. of floors to served	Ground + various floors at different elevation up to 90 mtr.		
07	Electrical Power System	3 Phase 4 wire 50HZ 415V ± 10%		
07		ND / LANDING ENCLOSURE		
08	Size of enclosure (LXBXH)mm	As per design to be suitable for men & materials		
09	Material construction	As per design		
10	Size of landing entrance	To be suitable as per design		
11	Door Type	As per design		
12	Operation of door	Bi parting as per design		
13	Interlocking	Electrical & mechanical interlocking of the door to be provided		
13	Interlocking	MAST		
14	Material	to be suitable specification as per design		
15	Construction	to be suitable specification as per design		
16	Fixing of Mast with Boiler structure	to be suitable specification as per design		
10	Tixing of Mast With Boller structure	CAGE		
17	Size of cage (LXBXH)mm	As per design		
18	Material construction	As per design specification as per design		
19	Floor type	As per design to be suitable to withstand the capacity		
20	Interlocking	Electrical & Mechanical interlocking of the doors to be provided		
21	Provision of escape hatch	Yes / No		
22	Electrical interlocking of escape of	Yes / No		
	hatch with elevator system	1637110		
23	Provision of guide roller & safety hooks	Yes / No		
24	Lighting & fan	One no. flourscent lamb & One no. fan of 230V A/C along with fittings inside the cage to be provided		
25	Provision of emergency light	One no. suitable emergency light DC with Battery & Battery		
	Trovision of emergency light	charge to be provided		
		DRIVE UNIT		
26	Location	As per Design		
27	No. of drive units	2 or as per design		
		MOTOR		
28	Make	Reputed make		
29	Туре	AC squirrel cage induction motor		
30	Rated power	As per design		
31	Speed	As per Design		
32	Rated voltage	415V ± 10%		
33	Amps	As per design		
34	Insulation	Class "F"		
35	IS No.	AS per IS 325		



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Drive unit of the cage shall be comprising of AC sq.cage Induction Motor Reduction Gear, Drive Pinion and Over speed governor. Drive unit shall have brake and external brake release. The brake on the Electric Motor will be of Electromagnetic. In the event of power failure, the brake will be automatically applied, and will stop the cage. A safety device must be provided to protect the cage against over speed. A remote control shall be provided for testing the safety device.

	BRAKES				
36	Type of brake provided	As per design			
37	Provision of interlocking	Yes / No			
38	Provision of external manual brake release	Yes / No			
39	Type of Safety device	As per design			
40	Predetermined speed at which the safety device comes into operation	As per Design			
41	Other details	To be furnished by the Vendor			
42	Provision of remote control for testing the safety device	As per design			
	BUFFERS				
43	Sufficient number of buffers of spring loaded type shall be fitted at base. The buffers shall be capable of stopping the cage without any damages to any part of the equipment.	To be furnished			
	CONTROL PANELS				
44	All the electrical components furnished with the cage shall be completed wired, energized and checked.				
	All electrical control devices shall be in enclosures. One auxiliary panel shall be furnished and mounted on the ground level. Panel shall be enclosure equipped with main ON – OFF switch. Main contactor, relays, control transformer, MCBs, terminal blocks and all other accessories required for normal operation of the cage				
	One main control panel shall be furnished and mounted inside the cage. Panel shall be in closure equipped with necessary equipment like rectifier, battery, battery charge contactors, control transformer, MCBs thermal overload relays and all other equipment and accessories required for normal operation of the cage.	To be furnished			
	Control system shall have push buttons for "UP" "DOWN" STOP NEXT LANDING cage shall be furnished with emergency alarm push button, limit switches and all others necessary control devices required to ensure safe and continuous cage operation. One trailing cable shall connect the cage main control panel to the auxiliary panel at ground level to supply the cage with all power requirements. Cable guides shall be installed at regular intervals to avoid entanglement of the cable.				
	Control cabinets shall be sheet steel enclosed dust, weather and vermin proof. Sheet steel used shall be of suitable thick. Control cabinet shall be provided with suitable doors with locking arrangements. All doors, removable covers and plates shall have suitable gaskets all around.				



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POWER CABLES				
45	Make	Reputed make		
46	46 Type PVC insulated Cu, Conduction			
47	Rated Voltage	As per IS 1554		
48	No. of Cores	4		
49	Applicable standards	IS 1554		
TRAILING CABLES				
50	Make	Reputed make		
51	Type	PVC insulated Cu, Conductor		
52	Rated voltage	As per IS 1554		
53	No. of cores	As per IS		
54	Applicable standards	IS 1534		

### 55. EARTHING

Complete earthing system shall be furnished for all equipments and accessories of the elevator as per relevant IS

### 56. PAINTING

All steel sections & equipments shall be furnished and shall be painted as follows:-Premier two coats of Zinc Chromate primer followed by finish. Two coats of Synthetic Enamel Paint to the required thickness.

#### **MANDATORY SPARES**

Sets of mandatory spares for two years of operation are to supplied by the Vendor.



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PRE-QUALIFICATION CRITERIA				
BIDDER SHALL MEET THE FOLLOWING REQUIREMENTS				
01	MINIMUM 5 NUMBERS OF PASSENGER CUM GOODS LIFT AS PER TECHNICAL SPECIFICATION OR HIGHER CAPACITY SHOULD HAVE BEEN MANUFACTURED BY OEM AND THEIR APPROVED AGENCIES OR TRADERS AND SUPPLIED ANY WHERE IN INDIA DURING THE LAST 5 YEARS.			
02	PERFORMANCE CERTIFICATE OF AT LEAST THREE NUMBERS OBTAINED FROM THE PREVIOUS CUSTOMER TO BE FURNISHED BY THE BIDDER. THE CERTIFICATE SHALL BE IN ENGLISH DULY SIGNED AND STAMPED BY CONCERNED CUSTOMER			



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### ANNEXURE – B

### **RATE SCHEDULE**

Sl		M/s		
.No	Description of Item	Qty	Unit	Total Rs
		No/Set	rate	
1	PASSENGER CUM GOODS LIFE	10 Nos		
2	Supervision of E &C charges if applicable			
3	Packing & Forwarding	LS		
4	ED ( on sl 1+3)	0.0%		
5	Cess on ED (on sl 4)	0.0%		
6	CST/ST / VAT without C Form or any other concessional form(on sl 1+3+4+5)	0.00%		
7	Service Tax if applicable (on sl no2)	0.00%		
8	Freight Charges	LS		
9	Tr. Insurance	LS		
10	Other charges if any	LS		
11	FOR Destination Price( 1 to 10)			
12	MODVAT benefit pass onto BHEL(sl4+5)			