

TECHNICAL SPECIFICATION FOR ELECTRICALLY OPERATED WINCH-10 Ton Pulling Capacity

S/no	Description	Specification
1	General	
	Pulling Capacity	10 Metric Ton
	Location	Indoor
	Specification & Class	M5 as per IS:3177
2	Speed	
	Winding Speed	3 mtrs/min
3	Hook Path	25 mts
4	Mechanical & Structural	
	Gear Boxes	Bidders to provide details of gear box
	Clutch	24 V DC Operated Electromagnetic dry run clutch
5	Electrical	
	Power Supply	415 Volts AC, 3 phase 50 Hz
	Motors	Squirrel cage induction motor with IP-55 protection, Class F insulation, Bidders to specify the ratings
6	Rope Drum & Rope	
	Wire Rope	Fibre Core, 6 x 36 construction wire rope as per IS 2266. Bidder to indicate technical specification of rope offered
	Rope Drum	Seam less with suitable groove for wire rope. Bidders to specify the details of the drum.
7	Preferred Makes	
	Wire Rope	Usha Martin
	Clutch	Pethe Engg
	Bearings	SKF, FAG, NTN
8	General Requirements	
	Warranty	12 months from the date of successful commissioning
	Spares & Service	Bidders to have spares & service backup facility in bangalore. Bidders to confirm of providing service during emergency within 24 hrs.
	Catalouge / Technical Brouschre	To be provided along with technical bid
	Test Certificates/ Installation Certificates	Test Certificates for motors, wire rope, Clutch etc to be provided at the time of commissioning.
9	Qualification Criteria	
	BHEL Standard Terms & Conditions	Documents to be submitted with offer
a	The vendor shall be Original Equipment Manufacturer (OEM).	Provide copy of registration certificate
b	The vendor shall have qualified personnel, their own adequate manufacturing / integrating and testing facilities for the equipment offered.	Provide company profile with manpower details
c	The vendor should have manufactured, supplied and successfully commissioned similar equipments , in the last 2 years	Provide list of supplies made and PO copies

Note:

1. The vendor can visit site for taking actual dimensions before submitting the offer.



Bharat Heavy Electricals Limited
Ceramic Business Unit - Electroporcelains Division

Prof.CNR Rao Circle, Indian Institute of Science Post, Malleswaram
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Office: 91(080) 23346352
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ENQUIRY FOR ELECTRICALLY OPERATED WINCH DRIVE -10MT AS PER ANNEXURE-A

GENERAL TERMS & CONDITIONS

ANNEXURE-I

TENDERS SHOULD BE SUBMITTED IN TWO PARTS

PART-A TECHNO-COMMERCIAL BID

PART-B PRICE BID

PLEASE FILL ATTACHED ANNEXURE-2(PAGE4)&SUBMIT ALONG WITH YOUR TECHNO-COMMERCIAL BID

THE OFFER SHOULD BE SUBMITTED IN SEPARATE SEALED COVERS SUPERSCRIBING THE RFQ NUMBER AND DUE DATE AND ADDRESSED TO:

SR.DEPUTY GENERAL MANAGER-MATERIALS
BHARAT HEAVY ELECTRICALS LTD (BHEL)
ELECTROPORCELAINS DIVISION (EPD)
PROF. C.N.R.RAO CIRCLE, PB NO. 1245,
SCIENCE INSTITUTE POST, BANGALORE 560012

THE OFFER SHOULD REACH WITHIN 14.00 Hrs ON THE DUE DATE, THE OFFERS WILL BE OPENED AT 14.30 Hrs ON THE SAME DATE IN THE PRESENCE OF THOSE VENDORS OR THEIR AUTHORISED REPRESENTATIVES WHO WISH TO BE PRESENT. THE DUE DATE MAY BE ALTERED IN CASE OF INSUFFICIENT RESPONSE FROM VENDORS OR URGENCY OR ANY OTHER EQSONS DEEMED VALID. RE-FLOATING ALSO MAY BE RESORTED TO WITH OR WITHOUT OPENING THE RECEIVED RESPONSES UNDER THE AFORESAID CIRCUMSTANCES.

THE OFFER SHALL BE IN TWO PARTS – PART-A TECHNO-COMMERCIAL AND PART-B PRICE. EACH PART SHALL BE PUT IN A SEPARATE SEALED COVER AND THE COVER SHOULD HAVE THE CORRESPONDING PART NAME, SUBJECT OF TENDER AND DUE DATE WRITTEN ON IT. IF BOTH PARTS ARE FOUND IN OPENED CONDITION IN A SINGLE SEALED COVER ONLY THE TECHNO-COMMERCIAL PART WILL BE OPENED ON THE DUE DATE. THE TENDERS MEETING OUR TECHNO-COPMERCIAL REQUIREMENTS WILL BE CONSIDERED FOR PRICE BID OPENING AT A LATER DATE FOR WHICH ELIGIBLE VENDORS WILL BE INTIMATED IN DUE COURSE. VENDORS WILL BE GIVEN DUE OPOORTUNITY TO COMPLY WITH BHEL REQUIREMENTS IN A TIME FRAME IN CASE THERE IS ANY NON-COMPLIANCE IN THE ORIGINAL QUOTE.

III. TECHNO-COMMERCIAL CONDITIONS SHALL INTERALIA CONTAIN THE FOLLOWING:-

COMPLETE TECHNICAL OFFER INCLUDING DETAILED SPECIFICATIONS/DRAWINGS/CATALOGUES/TEST REPORTS/GUARANTEE/WARRANTY ETC., AS APPLICABLE/REQUIRED TOGETHER WITH EXPERIENCE LIST TO BE FURNISHED.

IV. COMMERCIAL ASPECTS COVERING:

- SCOPE OF SUPPLY
- STATUTORY LEVIES
- TERMS OF PAYMENT
- MODE OF PAYMENT
- DELIVERY TERMS
- TRANSIT INSURANCE
- VALIDITY OF THE BID



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III **DELIVERY:** EARLIEST POSSIBLE DELIVERY TO BE CLEARLY SPECIFIED IN THE OFFER. THE VENDOR MAY ALSO QUOTE THE EARLIEST DELIVERY PERIOD FOR MATERIAL DELIVERY.

IV **DELIVERY TERM**

F.O.R. BHEL - EPD STORES. UNLOADING TO BHEL / EPD.

V **VALIDITY OF THE OFFER:**

90 DAYS FROM DATE OF OPENING OF TECHNO-COMMERCIAL BID, EXTENDABLE TO A MUTUALLY AGREED PERIOD.

VI. **PRICE IMPACT:**

IN CASE, OUT COME OF TECHNO-COMMERCIAL DISCUSSION HAS ANY PRICE IMPLICATION, ONLY CORRESPONDING **PRICE IMPACT** IS TO BE SUBMITTED BY THE VENDOR IN A SEALED COVER WITHIN THE SPECIFIED DATE.

VII **PRICE EVALUATION:**

PRICES SHALL BE CONSIDERED ON LANDED COST BASIS (COST TO BHEL). LANDED COST SHALL BE WORKED OUT ON PRICE QUOTED INCLUDING FREIGHT, EXCISE DUTY AND SALES TAX AFTER TAKING OUT CENVAT AND VAT BENEFIT, AS APPLICABLE. THE COMPARATIVE STATEMENT SHALL BE WORKED OUT ON OVERALL LANDED COST BASIS FOR THE WHOLE PACKAGE.

- g) THE COMPARATIVE STATEMENT OF THE PRICES PREPARED ON THE REFERENCE DATE SHALL REMAIN FIRM THROUGHOUT THE EXECUTION PERIOD. ANY CHANGE IN DUTY & TAX STRUCTURE DURING EXECUTION OF THE CONTRACT WILL NOT BE CONSIDERED FOR RE-RANKING OF VENDORS.
- h) THE LOWEST PRICE RECEIVED AGAINST BHEL TENDER NEED NOT BE COMMERCIALY LOWEST PRICE (L1).
- i) BHEL RESERVES THE RIGHT/OPTION TO REFLOAT THE TENDER IF L1 PRICE IS NOT THE LOWEST ACCEPTABLE PRICE TO BHELL.

VIII. **PAYMENT TERMS:**

ALL PAYMENTS WILL BE MADE BY ELECTRONICS TRANSFER OF FUNDS (NEFT) SYSTEM. THE VENDOR SHOULD FURNISH THE NEFT MANDATE.

- 30 DAYS CREDIT FROM GOODS RECEIPT THROUGH NEFT ONLY. DIFFERENCE WILL BE LOADED @ 20.75% PA.

IX **LOADING FACTOR:**

IF THE OFFER IS NOT IN LINE WITH THE TERMS & CONDITIONS SPECIFIED BY BHEL THE FOLLOWING LOADING CRITERIA WILL BE ADOPTED FOR EVALUATION.

A.PAYMENT TERMS

INTEREST @20.75% P.A. SHALL BE COMPUTED FOR THE DIFFERENTIAL PERIOD BETWEEN BHEL TERMS OF PAYMENT AND THAT OFFERED. NO UNSECURED ADVANCE/AGAINST PROFORMA INVOICE WILL BE PERMITTED.



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B. TRANSPORTATION CHARGE & TRANSIT INSURANCE:

AS PER BHEL RATE CONTRACT PREVAILING ON THE DATE OF OPENING OF TENDER.

C. OTHERS:

ANY OTHER COST COMPONENT WHICH THE VENDOR HAS NOT QUOTED. EITHER A SEALED QUOTE FROM THE VENDOR WILL BE OBTAINED OR THE HIGHEST OFFER FOR THAT COMPONENT WILL BE LOADED.

D. BHEL HAS THE OPTION TO DEFER THE SUPPLIES OF ANY PURCHASE ORDER WITH A NOTICE PERIOD OF 20 CALENDER DAYS.

E. IN CASE OF UNSATISFACTORY PERFORMANCE OF QUALITY/DELIVERY BHEL WILL HAVE THE RIGHT TO DISCONTINUE THE CONTRACT IN PART OR FULL.

X. DEVIATIONS:

A SEPARATE SHEET INDICATING DEVIATIONS IN TECHNICAL SPECIFICATION, COMMERCIAL TERMS AND CONDITIONS TO BE ENCLOSED IN PART-A OF THE OFFER. IF THERE ARE NO DEVIATIONS SAME HAS TO BE CERTIFIED AND DULY SIGNED BY VENDOR.

XI. LATE DELIVERY:

IN CASE OF COMPOSITE CONTRACT, FOR ANY DELAY IN SUPPLY AND SUCCESSFUL COMMISSIONING OF THE EQUIPMENT AN AMOUNT OF 0.5% PER WEEK UPTO A MAXIMUM OF 10% OF THE CORRESPONDING COMPONENT OF ORDER VALUE WILL BE DEDUCTED.

XII. CLARIFICATIONS SOUGHT BY BHEL DURING TECHNICAL & COMMERCIAL EVALUATION

IN CASE BHEL ASKS FOR ANY CLARIFICATION THE VENDOR HAS TO SUBMIT THE SAME WITHIN THE SPECIFIED DATE OTHERWISE THE OFFER WILL BE EVALUATED CONSIDERING THE CLARIFICATIONS, IF ANY RECEIVED, AS ON THE SPECIFIED DATE. NO GRACE PERIOD OR LATE SUBMISSION IS ALLOWED.

XIII. RISK PURCHASE CLAUSE

BHEL, AT ITS OPTION, WILL BE ENTITLED TO PURCHASE ELSEWHERE AT THE COST AND RISK OF THE VENDOR, EITHER THE WHOLE OR PART OF THE GOODS WHICH THE VENDOR HAS FAILED TO DELIVER WITHIN THE STIPULATED TIME. THE VENDOR SHALL BE LIABLE FOR ANY LOSS THAT BHEL MAY SUSTAIN BY REASON OF SUCH RISK PURCHASES. BHEL RESERVES THE RIGHT TO CANCEL THE CONTRACT IN FULL OR PART, IF PERFORMANCE WITH RESPECT TO QUALITY AND DELIVERY IS UNSATISFACTORY AND BHEL SHALL HAVE THE RIGHT TO ENTER INTO CONTRACT WITH OTHER VENDORS AGAINST SUCH CANCELLATION OF CONTRACT AGAINST RISK PURCHASE CLAUSE.

XIV. INSPECTION

INSPECTION OF THE MATERIAL WILL BE CONDUCTED BY BHEL EITHER ON ITS RECEIPT AT BHEL OR AT VENDORS PLACE. IN CASE OF PRE-DESPATCH INSPECTION ADEQUATE NOTICE HAS TO BE GIVEN BY THE VENDOR FOR DEPLOYMENT OF BHEL'S PERSONNEL. BHEL RESERVES THE RIGHT TO WAIVE INSPECTION & HAVE THE RIGHT TO REVIEW THE QUALITY PLAN OF THE MANUFACTURER AND ACCESS TO THE PROCESS DATA OF THE MANUFACTURER. ALL NECESSARY TEST & CALIBRATION CERTIFICATES SHOULD ACCOMPANY SUPPLY.

XV. THE VENDOR SHALL FILL ANNEXURE-2 ATTACHED & SUBMIT WITH THE OFFER (Pg 4)

NOTE ANY TECHNICAL DETAILS/COMMERCIAL T&C IF FOUND IN PART-B (PRICE BID) SHALL BE IGNORED & WILL NOT BE CONSIDERED FOR TENDER EVALUATION & PRIORITY AS THE SAME ARE SUPPOSED TO BE IN PART-A ONLY.



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GENERAL TERMS & CONDITIONS
ANNEXURE- 2

ESSENTIAL CRITERIA OF TECHNO COMMERCIAL OFFER

ADDRESS OF THE FIRM

SL.NO	PARAMETER	BHEL SPEC/REQUIREMENT	VENDOR'S OFFER
1	Name of Contact person	TO BE MENTIONED	
2	E-mail ID	TO BE MENTIONED	
3	Mobile number	TO BE MENTIONED	
4	Land Line number	TO BE MENTIONED	
5	Fax number	TO BE MENTIONED	
6	Delivery Term	F.O.R.BHEL EPD STORES	
7	Payment terms	30 DAYS CREDIT FROM GOODS RECEIPT THROUGH NEFT ONLY	
8	Late Delivery	APPLICABLE AS PER CLAUSE XI.	
9	Risk Purchase clause	APPLICABLE AS PER CLAUSE XIII	
10	Lead time for Supply	60 DAYS FROM PO DATE	
11	Offer validity	90 DAYS FROM DATE OF TENDER OPENING	
12	Tax and Duty Structure	EXCISE DUTY %	
		EDUCATION CESS %	
		CENTRAL SALES TAX %	
		VAT %	
		ANY OTHER	

SIGNATURE OF THE TENDERER