

BHARAT HEAVY ELECTRICALS LIMITED TIRUCHIRAPALLI

CAPITAL PURCHASE

Annexure-A

ACCEPTANCE OF COMMERCIAL TERMS AND CONDITIONS BY THE INDIGENOUS VENDORS.

(This should be essentially filled in and sent along with the techno-commercial offer without fail. If this check list is not filled and submitted along with techno-commercial offer (Part I) or if the vendor does not confirm acceptance to the terms and conditions proposed, BHEL reserves the right to reject such offer)

CHECK-LIST FOR INDIAN VENDORS

Sl. No.	DESCRIPTION
1.	❖ The Bidders shall submit their offer through E-Procurement website only www.bheleps.buyjunction.in. ❖ <u>Part I - Technical and Commercial Bid</u>: This should contain all the copies of technical bid together with un-priced commercial bid. ❖ <u>Part II - Price Bid</u>: This part should contain the schedule of price particulars and must be co-related to the technical details provided in Part I. Offers will be accepted & received till 14.00 Hr. on the due date. Therefore Vendors shall ensure to submit the offers before this time. Late offers will not be considered. Bidders are requested to refer to attached “DSC Guidelines” & “e Proc Vendor Communication” for submission of tender through EPS. Offers should be in ENGLISH and accompanied by detailed technical literature, catalogue and detailed dimensional drawings in ENGLISH or otherwise, the offers will not be considered. In case of necessity BHEL reserves the right to go for a reverse auction (RA) instead of opening the submitted sealed bid, which will be decided after technical evaluation. Information and general terms and conditions covering RA are given in this Annexure- A (Point No.19).
2.	<u>OPENING OF TENDERS:</u> The Part I - Technical & commercial bid alone would be opened on the Tender opening date through EPS. The Part II - Price bid of technically suitable Bidders alone would be opened through EPS. The Technically Suitable Bidders would be informed about the Price Bid opening date through e-mail / EPS. Clarifications if any required by BHEL for Technical evaluation would be sought from bidders before opening of Part II - Price bid.
3.	<u>Taxes and Duties</u> All Taxes and Duties payable as extra to the quoted price should be specifically stated in offers along with CST & TIN No / Tariff No. etc., failing which the purchaser will not be liable for payment of such Taxes and Duties. Our TIN No. 33243560005, TNGST No. 3560005, CST. No. 239383 Dt. 11-06-1991 & BHEL ECC No. AAACB4146PXM012, TAN: CHEB03560E, Service Tax Registration No (STC)- AAACB4146PST006. Assessment circle Tiruverambur.
4.	<u>Special Provisions for Micro and Small Enterprises (MSE)</u> 20% of the tendered quantity is earmarked for MSE suppliers in this tender. - Out of the 20% tendered quantity reserved for MSE suppliers, 4% shall be earmarked for procurement from MSE owned by SC/ST entrepreneurs. - In case MSE vendor participating in the tender quotes within the price band of L1+15%, they will be allowed to supply the portion of the requirement subject to acceptance of L1 price by MSE vendor. In case of more than one such MSE, the supply shall be shared proportionately. - MSE suppliers can avail the intended benefits only if they submit along with offer, attested copies of either EM II (Entrepreneur Memorandum Part II) certificate having deemed validity (five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II certificate along with attested copy of a CA certificate (Format enclosed as per Annexure - C) applicable for the relevant financial year (latest audited), certifying quantum of investment in plant and machinery within the permissible limit as per the act for relevant status (Micro or small) where the deemed validity of EM II is over. Date to be reckoned for determining the deemed validity will be the last date of technical bid submission. Offer/s received without these documents will lead to consideration of their offer at par with other bidders and MSE status of such suppliers shall be shifted to Non MSE supplier.

No row shall be left blank. Please indicate NA, in case the item is "Not Applicable"		Vendor's confirmation
5.	Validity: Validity of the offer should be 120 days from the date of tender opening.	
6.	Release of Purchase Order: Purchase Orders will be released on successful L-1 vendor on respective line item wise.	
7.	Payment Terms: 100% of payment will be released after 45 days from date of receipt & acceptance of supplied material at BHEL against submission of 10% PBG for a Warrantee period of 18 Months. <i>Any deviation in the above payment term will attract loading as mentioned below. "Base rate of SBI (as applicable on the date of bid opening. Techno commercial bid opening in case of two part bids) + 6% shall be considered for loading for the period of relaxation sought by bidders.</i>	
8.	Performance Bank Guarantee (PBG): The bidder in the event of an order, should furnish a Bank Guarantee from an Indian Bank approved by BHEL, at no extra cost in a format prescribed by BHEL, along with the order, for an amount equivalent to 10% (Ten percent) of the value of the contract. The PBG shall be valid for a period of 18 months from the date of despatch or 12 months from the date of receipt / acceptance / commissioning of equipment at BHEL, Tiruchirapalli whichever is more, with a claim period of two months. The Performance Bank Guarantee shall be obtained from any one of the following banks which is a member bank in our consortium of Banks: List of Consortium Banks DEUTSCHE BANK, HDFC BANK, ANZ GRINDLAYS BANK, CITI BANK, STANDARD CHARTERED BANK, BANK OF AMERICA, ABN AMRO BANK, IDBI LTD, ICICI BANK LTD, THE HONGKONG & SHANGHAI BANKING CORPORATION LTD. List of Nationalised Banks ALLAHABAD BANK, ANDHRA BANK, BANK OF INDIA, BANK OF BARODA, BANK OF MAHARASTHRA, BHARAT OVERSEAS BANK, CANARA BANK, CENTRAL BANK OF INDIA, CORORATION BANK, DENA BANK, INDIAN BANK, INDIAN OVERSEAS BANK, ORIENTAL BANK OF COMMERCE, PUNJAB NATIONAL BANK, PUNJAB & SINDH BANK, STATE BANK OF INDIA, STATE BANK OF TRAVANCORE, STATE BANK OF MYSORE, STATE BANK OF BIKANER & JAIPUR, STATE BANK OF HYDERABAD, STATE BANK OF PATIALA, STATE BANK OF MAHARASTHRA, STATE BANK OF SOURASTHRA (SBI-13.09.08), SYNDICATE BANK, UCO BANK, UNION BANK OF INDIA, UNITED BANK INDIA, VIJAYA BANK. <u>If PBG is issued by foreign counter part of the BHEL consortium Indian Bank, in case of claim against the PBG, it will be lodge in any one of the Indian counters of the Foreign Bank which issued the PBG.</u>	
9.	Liquidated Damages (LD): The delivery of the goods specified in the purchase order should be made within the time prescribed. LD for delay in 'Supply' and/or 'E&C' will be applicable to the delays attributed to vendor. LD will be considered separately for 'Delivery' and 'E&C'. Where the seller supplies or dispatches the goods, beyond the delivery period Liquidated damages shall be applicable 0.5% of the total order value per week or part thereof subject to a maximum of 10% of the total order value. Detail of LD mode are shown below Single Delivery Date (Material Dispatched after Due date) Once the delivery due date is crossed, bills have to be clubbed till final despatch and forwarded for processing of payment as a single bunch. LD percentage will be calculated from Delivery due date to final despatch date. (100% Order should be completed for processing the bill) Staggered Delivery LD shall be 0.5% of the undelivered portion per week of the delay or part thereof subject to a maximum of 10% of the total order value. PO Pending value (each Bill Value) up to Max 10 % of Total PO value) <i>Any deviation from the above LD clause, loading will be applied to the extent to which it is not agreed by the bidder (at offered value).For the purpose of Imposing LD, the FOB delivery (B/L date) shall be considered. Bidder should indicate the LD mode (single delivery or staggered delivery) on the confirmation column, otherwise single delivery date will be considered for further evaluation</i>	
10.	Risk Purchase: Alternatively the purchaser at his option will be entitled to terminate the contract and to purchase elsewhere at the risk and cost of the seller either the whole of the goods or any part which the supplier has failed to deliver or despatch within the time stipulated as aforesaid or if the same were not available from the best and the nearest available substitute. The supplier shall be liable for any loss which the Purchaser may sustain by reason of such risk purchases.	
11.	Delivery Terms and evaluation process: Indian Bidders should submit their offer for FOR-BHEL, Tiruchirapalli basis . Packing & Forwarding and Freight & Insurance charges from works to BHEL, Tiruchirapalli to be indicated separately if extra from basic rate. Applicable % of GST, HSN Code / SAC code should be clearly indicated. Evaluation of offers shall be on the basis of delivered cost (Net cash outflow to BHEL-Trichy).	

12.	Guarantee: Vendors shall provide a guarantee for a period of 12 months from the date of commissioning of the equipment or 18 months from date of supply, whichever is earlier. The date of B/L or AWB shall be taken as the date of supply. <u>Offers from vendors not accepting the requested guarantee period will be rejected.</u>	
13.	Short shipment / Warranty replacement: In case of any short shipment in the main equipment / spares, customs duty levied on such supplies, shall be borne by the supplier. Any warranty replacement during the warrantee period shall be on FOR-BHEL, Tiruchirappalli basis.	
14.	Inspection & Testing: All goods shall be subject to inspection by BHEL or its authorized representatives at supplier's works or at BHEL stores or at any other place in India indicated by BHEL as the case may be. The supplier will not charge for the facilities provided for inspection of goods. In case of machine tools, the machine would be inspected and proved at supplier's works prior to dispatch however, final inspection and acceptance of the machine will be carried after installation of the machine at BHEL, Tiruchirappalli.	
15.	Test certificates / Operating and Maintenance manuals : The Bidders shall clearly mention in their offer, that Test Certificates and Operating Maintenance Manuals, etc., as called for in the Technical Specification, in the required number of copies will be provided at no extra cost.	
16.	Payment through Bank is not preferred. In case of Payment through Bank is opted by Supplier, BHEL prefers documents submission through bank with copy of LR and door delivery of Goods to Site/Stores with Consignee copy attached. In this case Loading will be 3% on the offered value. Offers of indigenous Suppliers with payment terms as LC/Advance Payment are liable for rejection.	
17.	BHEL will consider the ranking after the loading is applied as referred above wherever deviations are observed.	
18.	If offers are received from both OEM/ Manufacturer and authorized Dealer or Agent, then offer submitted by OEM/ Manufacturer will only be considered, offer of Dealer or Agent will be ignored.	
19.	Reverse Auction (RA): 1. BHEL reserves the right to go for Reverse Auction (RA) (Guidelines as available on www.bhel.com) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. Bidders to give their acceptance with the offer for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA. Techno-commercially acceptable Bidders shall only be eligible to participate in the Reverse Auction. 2. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit 'Process compliance form' (to the designated service provider) as well as 'Online sealed bid' in the Reverse Auction. Non-submission of 'Process compliance form' or 'Online sealed bid' by the agreed bidder(s) will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com). 3. The bidders have to necessarily submit online sealed bid less than or equal to their envelope sealed price bid already submitted to BHEL along with the offer. The envelope sealed price bid of successful L1 bidder in RA, if conducted, shall also be opened after RA and the order will be placed on lower of the two bids (RA closing price & envelope sealed price) thus obtained. The bidder having submitted this offer specifically agrees to this condition and undertakes to execute the contract on thus awarded rates. 4. If it is found that L1 bidder has quoted higher in online sealed bid in comparison to envelope sealed bid for any item(s), the bidder will be issued a warning letter to this effect. However, if the same bidder again defaults on this count in any subsequent tender in the unit, it will be considered as fraud and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com). 5. As a reminder to the bidders, system will flash following message (in RED Colour) during the course of 'online sealed bid' - "Bidders to submit online sealed bid less than or equal to their envelope sealed bid already submitted to BHEL". 6. BHEL shall engage the services of a Service Provider, who shall extend all necessary training and assistance before commencement of ON-LINE-BIDDING through Internet, at NO extra-cost to the Bidders. Eligible Bidders shall be informed in writing, about the details of Service Provider, to enable Vendors to contact the Service Provider and get trained. Event Date, Time, Start Price, Bid Decrement, Time-Extensions, etc. shall also be communicated through the Service Provider for compliance by Bidders. 7. BHEL shall provide the calculation sheet through the Service Provider, which shall be helpful to arrive at "TOTAL COST to BHEL", like Packing and Forwarding Charges, Taxes and Duties, Freight Charges, Insurance, Service Tax and other loading factors (for non-compliance to BHEL Standard Commercial Terms and Conditions), for each of the Bidder, to enable them to fill in the price and keep it ready for inputting data during the RA. 8. Successful bidder shall be required to submit the final prices (L1) in prescribed format for price breakup including that of line items, if required, quoted during the Online Reverse Auction, duly signed and stamped as token of acceptance without any new condition to the Service Provider, within 2 working days of RA without fail. 9. Any variation between the final bid value and that in the confirmatory signed price breakup document will be considered as tampering the tender process and will invite action by BHEL as per extant guidelines for suspension of business dealings (as available on www.bhel.com). 10. If the Bidder or any of his representatives are found to be involved in Price manipulation / cartel formation of any kind, directly or indirectly by communicating with other bidders, action as per extant BHEL guidelines shall be initiated by BHEL and results of the RA scrapped / aborted. 11. In case BHEL decided to go for Reverse auction, the H-1 bidder(s) (whose quote is highest in the online sealed bid) may not be allowed to participate in further Reverse Auction.	
20.	ARBITRATION: All disputes or differences whatsoever which may arise at any time during execution of the Contract shall be mutually settled by BHEL and Contractor as per provision of the Contract. However, in the event such disputes cannot be settled mutually, such disputes shall be settled as per the Arbitration and reconciliation Act, 1996 of the Govt. of India and it's subsequent amendments. In case of disputes with the Central PSUs, the same shall be settled at Tiruchirappalli as per the Guidelines of the Govt. of India. However, during the period such disputes are settled either by mutual discussions between the parties or by legal means, Contractor shall continue to do the work as per terms & conditions of Contract.	

21.	➤ Point to point confirmation for the Technical Specification enclosed to be provided. If there are any deviations, the same should be clearly specified. Offers received without confirmation to our specifications will be liable for rejection. If needed additional sheets shall be used. ➤ Equipment offered shall be "New". Re-built / Re-conditioned / Used equipment's will not be accepted. Incomplete offers will not be considered for further processing. ➤ BHEL reserves its right to reject a tender due to unsatisfactory past performance in the execution of a contract at any of BHEL projects / units. ➤ BHEL shall be at liberty to reject or accept any tender, part or in full, at their own discretion and any such action is not liable for any question or claim against BHEL. ➤ The vendor shall provide necessary drawings, Test Certificates and Operating Maintenance Manuals etc., as called for in the Technical Specification, in the required number of copies at no extra cost ➤ The Supplier shall arrange for securely protecting and packing the stores to avoid loss or damages during transit.		
22.	Company Details & Contact		
	Full Address of the company for future correspondence / placing order. (Copy of address proof & PAN card shall be attached along with Part-I)		
	Company Email ID:	Phone No.:	
	Fax No	Pan No with copy	
	GSTIN No	HSN Code	
	Name of the contact person:	SAC Code	
	e-mail ID	Mobile No.:	
23.	TO BE CONFIRMED BY VENDOR		
	Country of origin:		
	Station of dispatch / Port Of Shipment		
	Delivery Terms: FOR Destination basis		
	Packing & Forwarding Charges in % or Lump sum, if extra from basic rate		
	% of GST		
	(If applicable only) Installation & Commissioning charge is inclusive (or) exclusive on basic rate.		
	% of GST for I&C portion (extra or Not)		
	Freight & Transit insurance charges (if any, in Lump sum OR percentage) from Dispatching station to BHEL Tiruchirappalli.		
24.	DELIVERY SCHEDULE: Supply Portion: Delivery schedule from the date of Letter of Intent / Purchase Order. (This should be inclusive of Order acceptance, drawing approval and time period required for receiving goods at BHEL Trichy etc.) Time period required for Installation / Erection & Commissioning from date of site clearance given by BHEL, Trichy.		
25.	Weight & Cubage of package: Approximate Net weight of the total consignment: Approximate Gross weight of the total consignment: Approximate volume of the total consignment:		
For any queries / clarifications the bidders may contact us through our FAX NO. +91 431 2520719 or through e-mail < shrivastava@bhel.in >			

NOTE:-

- a) Your specific acceptances to our Payment terms, LD, Risk Purchase Clause are essential for consideration of your offer. Otherwise your offer is liable for rejection.
- b) **No row shall be left blank. Please indicate NA, in case the item is "Not Applicable"**

Declaration:-

We have gone through and understood the 'General guidelines & instructions to bidders for submitting offer' enclosed as a part of the Tender and confirm that our offer has been made in line with the same.

(AFFIX OFFICIAL SEAL HERE)

Signature with date:

Name:

Designation:

Department:

(Please Affix Your Signature with Seal on Each Page)

Certificate by Chartered Accountant

This is to Certify that M/s., hereinafter referred to as 'company') having its registered office at is registered under MSMED Act 2006, Entrepreneur Memorandum No (Part - II) dtd:....., Category :.....(Micro / Small)). (Copy enclosed).

Further verified from the Books of Accounts that the investment of the company as on date as per MSMED Act 2006 is as follows:

1. For Manufacturing Enterprises: Investment in plant and machinery (i.e. original cost excluding land and building and the items specified by the Ministry of Small Scale Industries vide its notification No.5.0.1722(E) dated October 5, 2006:

Rs.....Lacs

2. For Service Enterprises: Investment in equipment (original cost excluding land and building and furniture, fittings and other items not directly related to the service rendered or as may be notified under the MSMED Act, 2006:

Rs.....Lacs

The above investment of Rs..... Lacs is within permissible limit of Rs.....Lacs for Micro / Small (Strike off which is not applicable) Category under MSMED Act 2006.

Date:

(Signature)

Name -

Membership Number -

Seal of Chartered Accountant

Annexure-B**Bharat Heavy Electricals Limited TIRUCHIRAPPALLI/CAPITAL PURCHASE****MODEL PRICE BID FORMAT FOR INDIAN BIDDERS**

Enquiry No. & Date:

Bidder's Offer No. & Date:

Sl. No.	Description of item	Unit	QTY.	Basic Rate per Qty. (in Rs.)	Total Value for full tender Qty. (in Rs.)	GST in %	Total Value in Rs. (Including all taxes & duties)
10	As per tender specification	Set	2				
20	As per tender specification	Set	2				
	Total Value in Words:						
	Packing & Forwarding charges (if any) in percentage (or) Lump sum						
	FOR Dispatching station value in Rs.						
	Percentage of Freight & Transit insurance charges, if any (Lump sum or %) from Dispatching station to HPBP-BHEL, Trichy.						
	Approximate Net weight of the total consignment						
	Approximate Gross weight of the total consignment						
	Approximate Dimensions of the Consignment						

Signature & Seal of Vendor

The price bid should be submitted only as per the above format. No row shall be left blank. Please indicate NA, in case the item is "Not Applicable".

GST INFORMATION

For supplies after implementation of GST i.e. after 30.06.2017, the following conditions will apply and supplier shall fully comply to the below points:

1. Response to Tenders for Indigenous supplier will be entertained only if the vendor has a valid GST registration number and related details are to be submitted as per following format along with Technical-Commercial Bid (Part-1) for further consideration of their offer:

Sl. No.	Vendor code	Vendor Name	Material Group	Updated Phone No.	Updated E-mail Id, if any	PAN of the Business (along with copy of PAN Card)	GSTIN No. along with Screen shot of the GST website displaying your GSTIN Number	HSN Code	SAC Code

If any specific exemption is available, a declaration with due supporting documents need to be furnished for considering the offer.

2. Supplier shall mention their GSTIN registration number in all their invoices and invoices shall be in the format as specified/ prescribed under GST laws. Invoices shall necessarily contain Invoice number (in case of multiple numbering system is being followed for billing like SAP invoice no, commercial invoice no etc., then the Invoice No which is linked/uploaded in GSTN network shall be clearly indicated), item description as per PO, Quantity, Rate, Value, applicable taxes with nomenclature (like IGST, SGST, CGST & UTGST) separately, HSN/ SAC Code, etc.

3. All invoices shall bear the HSN Code for each item separately (Harmonized System of Nomenclature)/ SAC code (Services Accounting Code).

4. A declaration to the effect that all invoice particulars are/were uploaded in the GSTN network/ portal and all tax liability as per GST rules and regulations have been and will be discharged, shall be mentioned in the invoice. If not mentioned in the invoice, a separate declaration shall be submitted as per the requirement of BHEL.

5. All documents like Mill Test Certificate, LR copy, Guarantee/Warranty certificate, work completion certificate, any other document mentioned in PO, shall be sent along with the vehicle/consignment. For all consignments received within the calendar month, input credit will be availed within that month in line with monthly returns filing cycle. In case of any discrepancy in the document or non-submission of documents mentioned in the PO, then BHEL will not be able to accept or account the material, in such case availing of tax credit will be deferred to next month or so.

6. In case of discrepancy in the data uploaded by supplier in the GSTN portal or in case of any shortages or rejection in the supply, then BHEL will not be able to avail the tax credit and will notify the supplier of the same. Supplier has to rectify the data discrepancy in the GSTN portal or issue credit note (details to be uploaded in GSTN portal) for the shortages or rejections in the suppliers, within the calendar month notified by BHEL.

7. For any such delay in availing of tax credit for reasons attributable to supplier (as mentioned above), interest (calculated @ SBI Base Rate + 6%) along with penalty (if any) will be deducted/ recovered for the delayed period i.e. from the month of receipt till the month tax credit is availed, from the running bills.

8. Under GST regime, BHEL has to discharge GST liability on LD recovered from suppliers/contractors. Hence applicable GST shall also be recoverable from suppliers/ contractors on LD amount. For this Debit note will be issued by BHEL indicating the respective supply invoice number.

ANNEXURE - I

SUPPLY OF TROLLEY ASSEMBLY WITH HOIST & CT MECHANISM, and COMPONENTS FOR 3T SEMIGANTRY CRANE

QUALIFICATION CRITERIA		
S.No	Description	Vendor to specify details
1	Only those vendors, who have Supplied 3TON OR HIGHER CAPACITY DOUBLE GIRDER EOT OR SEMIGANTRY OR GANTRY CRANE within the past five years and such machine should be working satisfactorily for a minimum period of one year after completion of commissioning, as on the date of opening of this tender.	
2	The vendor should submit following details which are necessary for qualifying their offer.	
2.1	Name and postal address of the customer / company where similar equipment commissioned.	
2.2	Name and designation of the contact person of the customer.	
2.3	Phone, FAX no and email address of the contact person of the customer.	
2.4	Along with Technical offer, the Vendor should submit performance certificate from minimum one customer for the satisfactory performance of the same, supplied to them in the customers letter head.	
3	BHEL reserves the right to verify the information provided by vendor. In case the information provided by vendor is found to be false / incorrect, the offer shall be rejected.	

ANNEXURE - II

SUPPLY OF TROLLEY ASSEMBLY WITH HOIST & CT MECHANISM, and COMPONENTS FOR 3T SEMIGANTRY CRANE

SPECIFICATION & SCOPE OF WORK		
S.No	Description	Vendor to specify details
	SPECIFICATION FOR 3 T TROLLEY ASSEMBLY WITH HOIST & CT MECHANISM FOR SEMIGANTRY CRANE	
	APPLICATION: The trolley assembly is required to replace in the existing indoor semi gantry crane.	
	SCOPE OF SUPPLY: One set consist of: Trolley assembly with hoist & CT mechanism.	
1.0	CT MECHANISM DETAIL:	
1.1	CT speed: 20 Mtrs / min	
1.2	Wheel gauge / span: 1270 mm	
1.3	Wheel base: 1400 mm	
1.4	Wheel size: 200 mm	
1.5	CT rail size: 60 Lbs / yard	
1.6	Wheel assembly: As per BHEL drawing 3M02RO712456.	
1.7	CT Gear box type & size: Vertical VR 275	
1.8	CT motor: 2.4 KW, 840 RPM 3Ph 415V 50hz 150 st/hr	
1.9	Type of motor: Slipring	
1.10	Resistance Box to get 3 step speed of suitable capacity to be provided along with supply.	
1.11	CT BRAKE: 100 mm 18 KG thruster brake.	
1.12	Between motor & gearbox- Full gear coupling.	
1.13	Between gearbox & wheel - Half gear coupling	
2.0	HOIST MECHANISM DETAIL:	
2.1	Hoist speed 10 m/min	
2.2	Height of lift: 5 Mtrs	
2.3	Hoist Motor: 7kw, 920 RPM 3Ph 415V 150 st/hr	
2.4	Hoist Motor type: Slipring	
2.5	Gear box size: Horizontal HR400	
2.6	Hoist rope size & falls: 10MM 4 falls.	
2.7	Hook shall be with safety latch.	
2.8	Between gearbox & rope drum- Half geared rope drum coupling.	
2.9	Between motor & gearbox- Full gear coupling.	
2.10	Resistance Box to get 3 step speed of suitable capacity to be provided along with supply.	
2.11	Rotary Limit switch and Counter weight limit switches to be provided in Hoist Mechanism	
2.12	Hoist Brake: 200 mm BCH make Electromagnetic Brake	
2.13	Scope of supply includes BCH make DC brake panel	
2.14	Handrail & Spring Buffer are to be provided.	
2.15	Resistance box: Punched steel of continuous rating.	
	Note: No control panel required. Only DC brake panel and resistance box to be supplied	
4.0	GEARBOX: Both gearbox casing shall be of fabricated type and gears in all stage shall be of helical.	
5.0	Handrail & Spring Buffer are to be provided.	
6.0	Standard to be followed IS:3177/1999 & IS:807.	
7.0	Painting color of trolley frame: Deep orange.	

8.0	Drawings to be submitted as soft copy in AutoCAD format for approval before manufacture	
9.0	MAKES OF COMPONENTS	
9.1	MOTOR: GEC/ Bharat Bijlee/ Siemens/ KEC/ MARATHON	
9.2	RESISTANCE BOX : OHMARK/ BCH.	
9.3	HOIST BRAKE : BCH DCEM BRAKE WITH PANEL	
9.4	THRUSTER BRAKE : ELECTROMAG / SPEED-O-CONTROL / OMEGA	
9.5	GRAVITY TYPE LIMIT SWITCH: SIEMENS / INDUSTRIAL SYNDICATE / BCH / SKC / SOC.	
9.6	ROTARY LIMIT SWITCH: SIEMENS / OMEGA / SOC / INDUSTRIAL SYNDICATE.	
9.7	BEARINGS : SKF / ZKL / TIMKEN / NBC / FAG.	
9.8	COUPLINGS : KOP-FLEX / FENNER / LOVE-JOY / ESCO / ALLFLEX / SKF.	
10.0	Materials shall be offered for inspection at Vendor works prior to despatch	
11.0	3 sets of Drawings, Test Certificates and O&M manuals to be supplied at the time of material delivery.	

ANNEXURE - III

SUPPLY OF TROLLEY ASSEMBLY WITH HOIST & CT MECHANISM, and COMPONENTS FOR 3T SEMIGANTRY CRANE

SPECIFICATION & SCOPE OF WORK		
S.No	Description	Vendor to specify details
	SPECIFICATION FOR LT MECHANISM COMPONENTS FOR 3T SEMIGANTRY CRANE.	
	APPLICATION: The LT mechanism assembly is required to replace in the existing indoor semi gantry cranes.	
1.0	SCOPE OF SUPPLY: LT mechanism components full set. One set consist of:	
1.1	Drive wheel assembly with coupling fitted - 2 Nos	
1.2	Non drive wheel assembly - 2 Nos	
1.3	Gear box assembly with coupling & brake drum fitted in input shaft and coupling in output shaft-2 nos(Right & left handed each 1)	
1.4	Motor with coupling fitted - 2 Nos	
1.5	Brake unit-2 nos.	
1.6	Resistance box to get 3 step speed of suitable capacity to be provided along with supply	
2.0	Specification details:	
2.1	LT speed: 40 Mtrs / min.	
2.2	Wheel dia.: 400 mm.	
2.3	Rail size:90 lbs/ yd. (For reference only)	
2.4	Wheel assembly: As per BHEL drawing :3-M-02R00-11993.	
2.5	Gear box type & size: VR 450 (Vertical)	
2.6	LT motor: 3kw,960RPM, 3Ph 415V 50hz 150 st/hr	
2.7	Type of motor: Slip ring induction motor.	
3.0	COUPLINGS:	
3.1	Between motor & gearbox: Full gear coupling 101 / 102.	
3.2	Between wheel & gearbox: Full gear coupling size 103.	
3.3	Brake unit: 160 mm dia 18 KG thruster brake.	
4.0	Resistance type: Punched steel of continuous rating.	
	Note: No control panels required. Only DC brake panel and Resistance box need to be supplied	
5.0	GEARBOX: Gearbox casing shall be of fabricated type and gears in all stages shall be helical	
6.0	Standard to be followed: IS 3177/1999	
7.0	Drawings to be submitted as soft copy in AutoCAD format for approval before manufacture	
8.0	MAKES OF COMPONENTS	
8.1	Motor: GEC/ Bharat Bijlee/ Siemens/ KEC/ MARATHAN	
8.2	RESISTANCE BOX: OHMARK/ BCH.	
8.3	THRUSTER BRAKE : ELECTROMAG / SPEED-O-CONTROL / OMEGA	
8.4	BEARINGS : SKF / ZKL / TIMKEN / NBC / FAG.	
8.5	COUPLINGS : KOP-FLEX / FENNER / LOVE-JOY / ESCO / ALLFLEX / SKF.	
9.0	Materials shall be offered for inspection at vendor works prior to despatch	
10.0	3 sets of Drawings, Test Certificates and O&M manuals to be supplied at the time of material delivery.	

DSC GUIDELINES

It should be **DSC** (Digital Signature Certificate) (**Class 3- SHA2- 2048 BIT-WITH BOTH SIGNING & ENCRYPTION COMPONENT SEPARATELY**)

For DSC GUIDELINES & steps regarding procurement & further tasks to be done to submit offer as follows:

The Requirement:

1. A PC with Internet connectivity.
2. DSC (Digital Signature Certificate) (**Class 3- SHA2- 2048 BIT-WITH BOTH SIGNING & ENCRYPTION COMPONENT SEPARATELY**)
3. JRE 1.6 must be installed in your system.

The process of utilizing e-procurement necessitates usage of **DSC (Digital Signature Certificate) (Class 3- SHA2- 2048 BIT- SIGNING & ENCRYPTION)** and you are requested to procure the same immediately, if not presently available with you. Please note that only with DSC, you will be able to login the e-procurement secured site and take part in the tendering process.

The contact details of the DSC Certifying Authority as given below

1	e-Mudhra	http://www.e-Mudhra.com	5	NIC	www.safescrypt.com
2	GNFC	www.ncodesolutions.com	6	Safescrypt	www.safescrypt.com
3	IDRBT	www.idrbtca.org.in	7	TCS	www.tcs-ca.tcs.co.in
4	MTNLTrustline	www.mtnltrustline.com			

(Other)DSC Contact details:

Ms. Solly (M/s. R3 eConsulting Pvt Ltd)

Mobile : 9444841015

Tel Nos. 044 2815 2670 / 72 / 4207 0906

**Email : chennai@sgs-ds.com, soy@saspartners.com
chennai@saspartners.com**

We have finalized the e-procurement service Provider as,

M/s m Junction services Limited, Kolkata

Godrej Water Side, 3rd Floor, Tower-1, Plot-V, Block - DP

Sector - V, Salt Lake, Kolkata-700091, West Bengal, INDIA

Please get in touch at below numbers for any issues related to bid submission in EPS.

SL	NAME	e-Mail ID	Land Phone No	ROLE
1	Mr. P Peter Raj -	'peter.raj@mjunction.in'	09942069052	
2	HELP DESK	eps.customercare@mjunction.in	Landline : 033-66106217/ 6013/ 6426/ 6176/ 6046 (From 9:30am to 5:30pm) 033-66106426/ 6217/ 6013/ 6046/ 6176 9163348283/ 9163348284/ 9163348285/ 9163348286/ 8584008116 (From 5:30pm to 8:30pm)	
3	Mr. Harish Kumar Ramu	harish.ramu@mjunction.in	(+91) 09840704941	
4.	Mr. DHANARAJ.P	p.dhanaraj@mjunction.in panneer.dhanaraj@mjunction.in	(+91) 9500199108, (+91) 9282403700	Customer Relationship Manager
5	Mr. Saumendu Neogi	saumendu.neogi@mjunction.in	(+91) 9163348205	PROJECT MANAGER
6	Mr. R. Vishwanathan	r.vishwanathan@mjunction.in	(+91) 9163348242	Business Analyst

After procurement of Digital Certificate kindly follow the process below **for properly login into the BHEL EPS portal.**

1. Please install JRE 1.6 and your Digital Certificates (Class 3) for sign in and encryption.
2. Please install net meeting software like TeamViewer (www.teamviewer.com) for online support.
3. You are required to login to <https://bheleps.buyjunction.in> and click **Sign in**
4. Key in your login code and password and click **Enter**
5. System will ask you to change password,
6. Again login with new password
7. System will show sign in certificate, Select your sign in certificate and click **OK**
8. You will be logged out automatically
9. Contact Buyer for certificate approval
10. After your certificate is approved by Buyer, login again with login code and new password
11. Select Digital certificate
12. On the top right hand margin you will find **"Digital Certificate"** Click on **"Digital Certificate"**
13. Select **"For Encryption"** Radio button if you have **2048** bit certificate. Else you select **"Both"** Radio button if you have **1024** bit certificate.
14. System will display your encryption certificate, Select the same
15. New window will appear showing thumbprint of certificate, Click **"CLOSE"**
16. Then Click "Exit"

Now follow the steps for submission of the tender.

Go to **"TENDERS"** and then click on then **"VIEW"** button. Than select status as **"OPEN FOR QUOTATION SUBMISSION"** and click on the **"ENTER"** button. This will display all the eligible RFQs and then you can click on the relevant RFQ to view all the RFQ details.

- After clicking on the RFQ you would be able to see the RFQ details.
- To view all the items attached to the RFQ, you can click on **"VIEW ITEMS"** button. By clicking on **"BACK"** you can go back to the RFQ header. Now you need to click on **"Response to RFQ/NIT."**
- You will be landed to the RFQ/NIT details page where you will be able to see the Item details.
- To go back to the RFQ you have to click on the **"BACK TO RFQ"** button.
- To respond to the RFQ you have to click on **"RESPOND TO RFQ/NIT"** button and you will be taken to the Terms And Condition page.
- To participate in the RFQ you have to choose the first option (**i.e. "I have understood the RFQ/NIT in full and agree to submit quotation for the same on behalf of my organization"**) and click on **"ENTER"** button.
- You will be then taken to the **ADD QUOTATION** page where you have to click on **"ADD QUOTATION"** and fill in the relevant bid details.
- You will be taken to the techno-commercial page where you have to fill the relevant fields.
- To add any techno-commercial documents you have to click on **"ADD ATTACHMENT"** button than you have to click on the "ADD ROW" button.
- Then insert **LABEL** name, **FILE** Name and then attach the required file by clicking on the BROWSE option. Now click on the **"SIGN FILE"** button, now the system will ask for the encryption DSC and after successful verification you have to click on **"ATTACH/DETACH"** button for successful file attachment.
- Then click on **"GO TO HEADER"** button to go back to RFQ Header.
- The system will again ask for the Certificate and after successful verification you will be landed to the techno - commercial page.
- After successful verification of the certificate you have to click on **"SAVE AND GOTO ITEMS"** button to put the basic price for the items.
- Again the system will ask for DSC and you have to select you DSC.
- You have to put the basic price in the basic price column and then Click on the **"SAVE AND GOTO HEADER"** button
- Again the system will ask for DSC and you have to select you DSC.
- To submit the quotation click on **"SUBMIT QUOTATION"** button
- After successful verification of DSC, you can submit your quotation by clicking on the **"CONFIRM"** button.

After successful submission of your quotation the system will show that your quotation has been submitted successfully. You are requested to submit the bid well before the due date to avoid the last minute issues.

Please download the Supplier Manual from the below link

https://bheleps.buyjunction.in/BOEPS/html/Standard%20Documents/BHEL_Supplier%20Manual.pdf?OWASP_CSRFTOKEN=NXKI-NQ4W-2YMN-OJIA-0X2D-O3AW-CLN0-R2NX

e- Procurement – BHEL TRICHY

Dear Sir/Madam,

BHEL Trichy has implemented e-Procurement and it is going to be the way of working in future.

The Requirement :

1. A PC with Internet connectivity &
2. DSC (Digital Signature Certificate)(**Class 3- SHA2- 2048 BIT- SIGNING & ENCRYPTION**)

The following are the benefits of e-Procurement Process.

1. Ensuring no offer is missed due to last minute submission, postal delays etc.
2. Reduced Tendering & ordering cycle time
3. Economical, smoother & speedy communication
4. Greater Transparency
5. Big step towards paperless procurement process, Minimal human error
6. No geographical barriers
7. Vendor gets alerts regarding issue of new tender enquiry, amendments, clarifications etc
8. Submission of offer from the comforts of their office from any location
9. On line clarifications
10. Direct Cost Savings such as reduced Paper costs, reduced printing costs, reduced mailing costs, reduced telephone costs and reduced fax costs.

BHEL has finalized the e-procurement service Provider

M/s m Junction services Limited, Kolkata

Godrej Water Side, 3rd Floor, Tower-1, Plot-V, Block - DP
Sector - V, Salt Lake, Kolkata-700091, West Bengal, INDIA

Please get in touch with them immediately. The contact details of the service provider is given below:

SL	NAME	e-Mail ID	Mobile No	ROLE
1	DHANARAJ.P	panneer.dhanaraj@mjunction.in	(+91) 9500199108	Customer Relationship Mgr.
2	HELP DESK	eps.customercare@mjunction.in	033 – 66106426 / 54 9163348104,9231027017	

The process of utilizing e-procurement necessitates usage of DSC (Digital Signature Certificate)(**Class 3- SHA2- 2048 BIT- SIGNING & ENCRYPTION**) and you are requested to procure the same immediately, if not presently available with you. Please note that only with DSC, you will be able to login the e-procurement secured site and take part in the tendering process.

The contact details of the DSC Certifying Authority as given below

1	e-Mudhra	http://www.e-Mudhra.com	5	NIC	www.safescrypt.com
2	GNFC	www.ncodesolutions.com	6	Safescrypt	www.safescrypt.com
3	IDRBT	www.idrbtca.org.in	7	TCS	www.tcs-ca.tcs.co.in
4	MTNLTrustline	www.mtnltrustline.com			

Your early action in this regard is highly solicited.

Regards