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& SA8000 Certified Company

SubContract and Purchase
Department.

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

Power Sector-Northern Region, Plot no.25, Sector 16 A, Noida -201301

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E-TENDER ENQUIRY NO. & DATE	BHEL/PSNR/SCP/RD/E-3172 (E-Tender) & DATE: 24.09.2020
DUE DATE & TIME OF TENDER SUBMISSION	ON 05.10.2020 AT 15:00 HRS
DUE DATE & TIME OF OPENING OF TENDER	ON 05.10.2020 AT 15:30 HRS

TENDER ENQUIRY

BHEL Power Sector, Northern Region invites sealed quotation for the following items in **two part bid** system THROUGH E-PROCUREMENT PORTAL <https://bhel.abcpurchase.com/EPROC/> ONLY;

DESCRIPTION OF ITEMS	DESTINATION FOR SUPPLY	DELIVERY SCHEDULE
SUPPLY OF MANDATORY SPARES FOR ANUPAM MAKE EOT CRANES (TG HALLS) DETAILS LIST OF SPARES WITH MAKE & MODELS ATTACHED AS PART-B	2X500MW ANPARA-D	DISPATCH OF MATERIAL TO BE COMPLETED WITHIN 08 WEEKS FROM THE DATE OF ISSUANCE OF PO.

DELIVERY REQUIRED AT - CONSIGNEE:

CONSTRUCTION MANAGER, BHEL PSNR SITE OFFICE, 2X500MW, ANPARA-D TPS, ANPARA, DIST –
SONEBHADRA, U.P. - 231225.

IMPORTANT NOTE:

This is an E-tender floated online through our E-Procurement Site

*<https://bhel.abcpurchase.com/EPROC/>. The bidder should respond by submitting their offer online only in
our e-Procurement platform at <https://bhel.abcpurchase.com/EPROC/>. Offers are invited in two-parts only.
No Hard copy bid or bids through email/ fax shall be accepted.*

The Tender Document comprise of following;

1. PART – 'A': PRE-QUALIFICATION CRITERIA (PQR).
2. PART – 'B': DESCRIPTION OF ITEM.
3. PART – 'C': SPECIAL CONDITIONS OF CONTRACT (SCC).
4. PART – 'D': UNPRICE SCHEDULE.
5. PART – 'E': PRICE SCHEDULE.
6. PART - 'F': GENERAL CONDITIONS OF CONTRACT (GCC) Rev. – 03

PRE-QUALIFICATION CRITERIA (PQR).**A TECHNICAL**

1. Bidder shall submit copy of Purchase Order for supply of same or similar spares in past 05 years ending on the 'latest date of Bid Submission' of tender:

For each package (i.e., for package A to G) "Similar Spares" for the purpose of clause 1 shall mean:-

- a) **For Package-A:** Bidder should have supplied SKF/FAG make Spherical Roller Bearing for any of the Series (213, 222, 223, 230, 231, 232, 238, 239, 240, 241, 248, and 249).
- b) **For Package-B:** Bidder should have supplied SOC make Brake liners, Brake Springs, Hydraulic Thrusters, Limit Switches, Master Controller.
- c) **For Package-C:** Bidder should have supplied BCH (Bhartia Cutler Hammer) make Brake Liners, Brake Springs & Solenoid Coils for Brakes.
- d) **For Package-D:** Bidder should have supplied Sunny/ National Make Oil Seals.
- e) **For Package-E:** Bidder should have supplied Usha Martin make Fibre Core plough steel rope.
- f) **For Package-F:** Bidder should have supplied Siemens make Power, Control Contactor, Thermal OLR and Push Buttons.
- g) **For Package-G:** Bidder should have supplied Stromag make Current Shoe.

2. Certificate of Interchangeability shall necessarily be submitted by the Bidder for all the spares.

B FINANCIAL TURNOVER

1. Bidders must have achieved an average annual financial turnover (Audited) of **Rs. 20 Lacs.** or more, over the last three Financial Years (FY) i.e. '2016-2017, 2017-2018, 2018-2019'.
2. Bidder shall not be under Bankruptcy proceedings (IBC) by NCLT or under liquidation / BIFR, which will render it ineligible for participation in this tender and shall submit undertaking to this effect.

NOTE -

- i. Bidder to submit Audited Balance Sheet and Profit and Loss Account of the Company for last (3) three Financial Years (FY) in support of Sl. No. 1 as above.
- ii. In case audited annual accounts have not been submitted for all three years as indicated above, then applicable audited annual accounts as submitted by the bidder against the requisite three years will be averaged for three years.
- iii. Bidder to submit Undertaking / Certificate on Company Letter Head duly signed & stamped by authorized signatory of Bidder in support of Sl. no. 2 as above.
- iv. After satisfactory fulfillment of all the above criteria/ requirement, offer shall be considered for further evaluation as per **NIT** and all other terms of the tender.

DESCRIPTION OF ITEM

SR. No.	DESCRIPTION	UOM	QTY	REMARK / MODEL
PACKAGE-A: SPARES: MAKE-SKF / FAG				
A.1-BEARINGS (SPHERICAL ROLLER BEARINGS)				
1	Bearings for cross travel wheels	Nos.	8	Bearing No. 22222
2	Bearings for long travel wheels	Nos.	16	Bearing No. 22226
3	Spherical Roller Bearings for MH Gear box 3AH1100	Nos.	2	Bearing No. 22222C
4	Spherical Roller Bearings for MH Gear box 3AH1100	Nos.	2	Bearing No. 23936C
5	Spherical Roller Bearings for MH Gear box 3AH1100 & AH Gear box 3AH775	Nos.	4	Bearing No. 22218C
6	Spherical Roller Bearings for MH Gear box 3AH1100 & AH Gear box 3AH775	Nos.	4	Bearing No. 22215C
7	Spherical Roller Bearings for AH Gear box 3AH775	Nos.	2	Bearing No. 22212C
8	Spherical Roller Bearings for AH Gear box 3AH775	Nos.	2	Bearing No. 23026C
PACKAGE-B: SPARES: MAKE-SOC				
B.1-BRAKE LINERS FOR BRAKES				
1	For Brake size 400 dia. EHT (MH)	Pair	1	(01 pair = 02 nos.)
2	For Brake size 300 dia. EHT (AH)	Pair	1	(01 pair = 02 nos.)
3	For Brake size 200 dia. EHT CT	Pair	1	(01 pair = 02 nos.)
4	For Brake size 200 dia. EHT (LT)	Pair	2	(02 pairs = 04 nos.)
B.2- HYDRAULIC THRUSTERS FOR BRAKE				
1	18 Kgs Thruster (CT & LT)	Nos.	1	-
2	34 Kgs Thruster (AH)	Nos.	1	-
3	46 Kgs Thruster (MH)	Nos.	1	-
B.3- BRAKE SPRINGS FOR BRAKES				
1	For Brake size 400 dia. EHT (MH)	Nos.	1	01 Brake per Crane & 01 spring per Brake
2	For Brake size 300 dia. EHT (AH)	Nos.	1	01 Brake per Crane & 01 spring per Brake
3	For Brake size 200 dia. EHT CT	Nos.	1	01 Brake per Crane & 01 spring per Brake
4	For Brake size 200 dia. EHT LT	Nos.	2	02 Brakes per Crane & 01 spring per Brake, Hence 02 nos. Springs for both Brakes
B.4- LIMIT SWITCHES				
1	Limit Switch for Main Hoist (Rotary Type)	Set	1	SOGRLS962SH

2	Limit Switch for Main Hoist (Gravity Type)	Set	1	SOC-CWLS1SH2
3	Limit Switch for Aux Hoist (Rotary Type)	Set	1	SOGRLS482SH
4	Limit Switch for Aux Hoist (Gravity Type)	Set	1	SOC-CWLS1SH2
5	Limit Switch Cross Traverse (Two Way Lever Type)	Set	1	SOLS2SH2
6	Limit Switch Long Travel (Two Way Lever Type)	Set	1	SOLS2SH2
B.5- MASTER CONTROLLER				
1	Master controller for Aux Hoist	Set	1	8 Cam Spring Return
2	Master controller for Cross Traverse	Set	1	6 Cam Spring Return
3	Master controller for Long Travel	Set	1	6 Cam Spring Return
PACKAGE-C: SPARES: MAKE-BCH				
C.1-BRAKE LINERS FOR BRAKES				
1	For Brake size 300 dia. DCEM (MH)	Pair	1	(01 pair = 02 nos.)
2	For Brake size 300 dia. DCEM (AH)	Pair	1	(01 pair = 02 nos.)
3	For Brake size 200 dia. DCEM CT	Pair	1	(01 pair = 02 nos.)
4	For Brake size 250 dia. DCEM LT	Pair	2	(02 pairs = 04 nos.)
C.2- BRAKE SPRINGS FOR BRAKES				
1	For Brake size 300 dia. DCEM (MH)	Nos.	1	01 Brake per Crane & 01 spring per Brake
2	For Brake size 300 dia. DCEM (AH)	Nos.	1	01 Brake per Crane & 01 spring per Brake
3	For Brake size 200 dia. DCEM CT	Nos.	1	01 Brake per Crane & 01 spring per Brake
4	For Brake size 250 dia. DCEM LT	Nos.	2	02 Brakes per Crane & 01 spring per Brake, Hence 02 nos. Springs for both Brakes
C.3- SOLENOID COIL FOR BRAKES				
1	Solenoid coils for brakes DCEM 300 (MH & AH)	Nos.	4	02 Sets=2X2 nos. Brakes=4 Nos. Brake Torque rating - 76 kg.m
2	Solenoid coils for brakes DCEM 250 (LT)	Nos.	4	02 Sets=2X2 nos. Brakes=4 Nos. Brake Torque rating - 27.7 kg.m
3	Solenoid coils for brakes DCEM 200 (CT)	Nos.	2	02 Sets=2X1 nos. Brakes=2 Nos. Brake Torque rating - 13.8 kg.m
PACKAGE-D: SPARES: MAKE- SUNNY / NATIONAL				
D.1-OIL SEALS				
1	Size: 220mm x 190mm x 15mm	Nos.	1	For Main hoist gear box 3AH1100
2	Size: 95mm x 75mm x 10mm	Nos.	2	For Main hoist gear box 3AH1100
3	Size: 170mm x 140mm x 15mm	Nos.	1	For Aux. hoist gear box 3AH775

4	Size: 80mm x 60mm x 10mm	Nos.	2	For Aux. hoist gear box 3AH775
5	Size: 38mm x 55mm x 7mm	Nos.	2	For cross traverse gear box VR400+125
6	Size: 85mm x 120mm x 12mm	Nos.	2	For cross traverse gear box VR400+125
7	Size: 40mm x 60mm x 10mm	Nos.	4	For long traverse gear box 3AH450
8	Size: 80mm x 100mm x 10mm	Nos.	2	For long traverse gear box 3AH450
PACKAGE-E: SPARES: MAKE-USHA MARTIN				
E.1-18 MM FIBRE CORE				
1	18 mm dia. 6x36 construction, Fibre core, 1960 grade, 175 Mtr. long, matl. Plough steel for Auxiliary Hoist	Mtrs	175	18 mm Dia Fiber Core
PACKAGE-F: SPARES: MAKE-SIEMENS				
F.1- THERMAL OVERLOAD RELAY				
1	Overload relay (25 A -36 A) for Motors of EOT	Nos.	1	3UA55002Q
2	Overload relay (1A -1.6A) for Lubrication Motor	Nos.	1	3UA50001A
F.2- POWER & CONTROL CONTACTORS				
1	Control Contactor (2NO+2NC, 10A)	Nos.	1	3TH30220AF0
2	Control Contactor (3NO+1NC, 10A)	Nos.	1	3TH30310AF0
3	Control Contactor (4NO, 10A)	Nos.	1	3TH30400AF0
4	Power Contactor, 170 A	Nos.	1	3TF52020AF0
5	Power Contactor, 9 A	Nos.	2	3TF30010AF0
6	Power Contactor, 12 A	Nos.	1	3TF31100AF0
F.3- PUSH BUTTONS				
1	Mushroom Head Pushbutton With 1NC, Red	Nos.	1	3SB12031AC01
2	Push Button With 1NC, Red	Nos.	1	3SB12030AC01
3	Push Button With 1NO, Green	Nos.	1	3SB12020AE01
4	Push Button With 1NO+Black Discs, Blue	Nos.	1	3SB12020AF01
5	Push Button With 1NO+Yellow Discs, Blue	Nos.	1	3SB12020AF01
PACKAGE-G: SPARES: MAKE STROMAG				
G1- CURRENT COLLECTOR SHOES				
1	Current Collector Shoes (302027SH)	Set	1	250 A

Note:-

1. Bid comprises of 07 Separate packages as per Make of Spares (A, B, C, D, E, F, G) as detailed above.
2. Bidder will bid for each package (under headings A to G) separately.
3. Bidder may submit their bid for any of the package, it will not be mandatory for the bidder to bid for all the packages.
4. However, for all those packages (A to G) for which the bidder have opted to quote / bid, they must necessarily quote/bid for each and every items of those packages.
5. If Bidder fails to quote their price for any item of the package for which they have submitted their bid, then their bid shall be liable to be rejected for that particular package.

PART – ‘C’**SPECIAL CONDITIONS OF CONTRACT (SCC)****1. IMPORTANT NOTES:**

This is an E-tender floated online through our E-Procurement Site <https://bhel.abcprocure.com/EPROC/>. The bidder should respond by submitting their offer online only in our e-Procurement platform at <https://bhel.abcprocure.com/EPROC/>. Offers are invited in two-parts only. No Hard copy bid or bids through email/ fax shall be accepted. Procedure for submission & opening of tender is as per clause no. 2.2 of enclose “Instruction of Bidders” of GCC (Part-F) of Tender. However, bids should be submitted in the manner as described below:

OFFER DESCRIPTION	DOCUMENTS TO BE UPLOADED & MODALITY OF UPLOADING DOCUMENTS
TECHNICAL OFFER	1. Scanned copy of Covering letter of offer (To be attached in Attachment section) 2. Annexures (I, II, III, V, VI, VII, XI & XII) of GCC Rev. 03 (To be attached in Attachment section). 3. Annexure – X for MSE vendors along with format as per Clause 10.1 of GCC Rev.03 (To be attached in Attachment section). 4. No deviation certificate in bidder’s letterhead as per format given in GCC (To be attached in Attachment section). 5. Duly filled all the tables in terms of acceptance of clauses and unpriced format with proper HSN Code & GST Rate as per NIT.
PRICE BID	6. Duly filled in Price Schedule as per NIT. (Not to be required to attach any documents in price bid)

Tenderers whose bids are found techno commercially qualified shall be informed the date and time of opening of the Price Bid through system-generated email from BHEL E-Procurement system. Tenderers or their authorized representatives may witness the event online through BHEL E-Procurement site (<https://bhel.abcprocure.com>).

Note: -

- a) Part offer shall be rejected i.e. bidder must quote for the total quantity of packages as mentioned above under Note of Part-A.

2. **SCOPE OF WORK:** Supply of mandatory spares for Anupam make EOT Cranes (TG Halls) Details list of spares with Make & Models attached as Part-B

3. Scope of work envisaged in this tender is presently being executed by another agency. The existing party shall not be eligible to quote for this tender.

4. PRICE BASIS:

Price in INR should be quoted for F.O.R destination delivery to CONSTRUCTION MANAGER, BHEL SITE OFFICE, 2X500MW, ANPARA-D TPS, ANPARA, DISTT. SONEBHADRA, U.P. -231225

5. EVALUATION CRITERIA:

Offers will be evaluated on Package wise basis on Net cost to BHEL for each package excluding GST after considering loading, if any. However, order shall be placed on the Total Cost (including GST) to BHEL on F.O.R. prices.

6. TAXES AND DUTIES:

6.1 Price quoted should be inclusive of all applicable Taxes/charges but Excluding GST. The Contractor shall pay all other taxes, fees, royalty, commission etc. which may be levied on the contractor in executing the contract. In case BHEL is forced to pay any of such taxes, it shall be recovered from Contactor’s bills or otherwise as deemed fit. GST Shall be payable extra as per following:

6.2. Contractor/Vendor has to issue invoice indicating HSN/SAC code, Description, Value,

Rate, applicable tax and other particulars in compliance with the provisions of relevant GST Act and Rules made thereunder. With the implementation of e way bill provisions, contractor shall comply with same as applicable.

6.3. Vendor has to submit GST compliant invoice within seven days from the due date of invoice as per GST Law. In case of delay, BHEL reserves the right of denial of GST payment if there occurs any hardship to BHEL in claiming the input thereof. In case of goods, vendor has to provide scan copy of invoice & GR/LR/RR to BHEL before movement of goods starts. Special care should be taken in case of month end transactions.

6.4. GST amount claimed in the invoice shall be released on fulfilment of all the following conditions by the Contractor :-

- a) Supply of goods and/or services have been received by BHEL.
- b) Original Tax Invoice has been submitted to BHEL.
- c) Respective invoice has appeared in BHEL's GSTR - 2A for the month corresponding to the month of invoice. Alternatively, BG of appropriate value may be furnished which shall be valid at least one month beyond the due date of confirmation of relevant payment of GST on GSTN portal or sufficient security is available to adjust the financial impact in case of any default by the contractor.

6.5. TDS under GST laws as applicable shall be deducted.

6.6. Contractor shall be solely responsible for discharging his GST liability according to the provisions of GST Law and BHEL will not entertain any claim of GST/interest/penalty or any other liability on account of failure of contractor in complying the provisions of GST Law or discharging the GST liability in a manner laid down thereunder.

6.7. In case declaration of any invoice is delayed by the vendor in his GST return or any invoice is subsequently amended/alterd/deleted on GSTN portal which results in any adverse financial implication on BHEL, the financial impact thereof including interest/penalty shall be recovered from the Contractor's due payment.

6.8. Any denial of input credit to BHEL or arising of any tax liability on BHEL due to non-compliance of GST Law by the Contractor in any manner, will be recovered along with liability on account of interest and penalty (if any) from the payments due to the Contractor.

6.9. The admissibility of GST, taxes and duties referred in this chapter or elsewhere in the contract is limited to direct transactions between BHEL & its Contractor. BHEL is not responsible for any liability that may arise due to any transaction beyond the direct transaction between BHEL & its Contractor.

6.10 Variation in Taxes & Duties:

Any upward variation in GST shall be considered for reimbursement provided supply of goods and services are made within schedule date stipulated in the contract or approved extended schedule for the reason solely attributable to BHEL. However downward variation shall be subject to adjustment as per actual GST applicability.

In case the Government imposes any new levy/tax on the output service/goods after price bid opening, the same shall be reimbursed by BHEL at actual. The reimbursement under this clause is restricted to the direct transaction between BHEL and its contractor only and within the contractual delivery period only.

In case any new tax/levy/duty etc. becomes applicable after the date of Bidder's offer but before opening of the price Bid, the Bidder/Contractor must convey its impact on his price duly substantiated by documentary evidence in support of the same before opening of price bid. Claim for any such impact after opening the price bid will not be considered by BHEL for reimbursement of tax or reassessment of offer.

6.11 Modalities of Tax Incidence on BHEL:

Where GST law permits more than one option or methodology for discharging liability of tax / levy/duty, the contractor shall approach BHEL before choosing any option to discharge his tax liability. BHEL shall have the right to direct the contractor to adopt the appropriate option considering the amount of tax liability on BHEL as well as procedural simplicity with regard to

	assessment of the liability. The option chosen by BHEL shall be binding on the contractor for discharging the obligation of BHEL in respect of the tax liability to the contractor.
7.	<u>ROAD PERMIT:</u> E-way Bill shall be issued by Seller/Supplier (if applicable).
8.	<u>INSPECTION:</u> Pre dispatch inspection shall be done. Supplier to submit Test certificate & interchangeability certificate.
9.	<u>MATERIAL DISPATCH CLEARANCE CERTIFICATE (MDCC):</u> BHEL shall issue MDCC. Supplier to obtain MDCC from BHEL prior to dispatch of material. No material shall be dispatched by supplier unless and until Material Dispatch Clearance Certificate issued by BHEL Site. For MDCC supplier to submit Test certificate & Interchangeability certificate.
10.	<u>DELIVERY PERIOD:</u> Delivery to be completed within 08 weeks from the date of issuance of Purchase Order. LR/ GR/ RR date (treated as the date of dispatch) shall also mean as date of Delivery for levying LD. However if date of receipt of material at destination is beyond ten (10) days from the date of LR, such excess period shall be considered for LD purpose.
11.	<u>MODE OF DISPATCH:</u> Supplier's scope.
12.	<u>TRANSIT INSURANCE:</u> Transit insurance from supplier's works/warehouse to BHEL site stores shall be arranged by BHEL. Detail of insurance policy is as under;- <u>SCE Policy No.</u> 500300/44/08/04/40000116 <u>Marine Policy No.</u> 500300/21/08/02/00000138 Prior dispatch of material supplier has to intimate BHEL, failing which transit loss if any would be borne by supplier.
13.	<u>VALIDITY OF OFFER:</u> Offer should be valid for a period of 60 Days from the date of Techno-commercial Bid (Part-I) opening.
14.	<u>PAYMENT TERMS:</u> 100% payment shall be released within 30 days of receipt of material. For payment billing documents as mention in sl. no. 14 are to be submitted to Paying Authority.
15.	<u>BILLING DOCUMENTS/ DOCUMENTS REQUIRED ALONG WITH DISPATCH OF MATERIAL:</u> The billing documents required for payments: a) Original Tax Invoice (As per Cl. No. 6 above). b) Copy of LR. c) MDCC. d) Test & Warranty Certificates. e) Packing List / Dispatch List. f) Interchangeability Certificate.
16.	<u>PAYING AUTHORITY:</u> Construction Manager, BHEL PSNR site office, 2X500MW Anpara-D TPS, Anpara, Dist.- Sonebhadra U.P. - 231225
17.	<u>MSE BIDDER:</u> As per clause 10 of Instruction to Bidders of GCC Rev 03.
18.	<u>REVERSE AUCTION:</u> Not Applicable.

19.	<u>LIQUIDATED DAMAGE:</u> 19.1 LD shall be 0.5% of undespached goods per week of delay or part thereof subject to a maximum of 10% of the total order value. LR/ GR/ RR date (treated as the date of dispatch) shall also mean as date of Delivery for levying LD. However if date of receipt of material at destination is beyond ten (10) days from the date of LR, such excess period shall be considered for LD purpose. 19.2 In case of any amendment/ revision, the LD shall be linked to the amended/revised PO value.		
20.	Bid should be free from correction, overwriting, using corrective fluid, etc. Any interlineation, cutting, erasure or overwriting shall be valid only if they are attested under full signature(s) of person(s) signing the bid else bid shall be liable for rejection. In the event of any Technical or Commercial queries, the same may please be addressed to the following BHEL concerned before Part I opening- <table border="1"> <tr> <td> Rahul Deb, Sr. Engineer/Purchase Email id- rahuldeb@bhel.in, Mob. / Tel. No. +91-9650652070 / 0120-2416548 </td><td> I. C. Kumar, DGM / Purchase Email id – ick@bhel.in , Mob. / Tel. No. +91- 9783968885/0120241-6292 </td></tr> </table>	Rahul Deb, Sr. Engineer/Purchase Email id- rahuldeb@bhel.in , Mob. / Tel. No. +91-9650652070 / 0120-2416548	I. C. Kumar, DGM / Purchase Email id – ick@bhel.in , Mob. / Tel. No. +91- 9783968885/0120241-6292
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21.	<u>ORDER OF PRECEDENCE:</u> In case of contradiction / conflict, the order of precedence shall be in the order as per clause 24 of General Commercial Terms & Conditions of GCC.		