



BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)

TIRUCHIRAPPALLI - 620 014

SUBCONTRACTING /ADVANCED TECHNOLOGY PRODUCTS

Telephone: 0431-2575751, 2575842 & 2576108
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ENQUIRY:

Enquiry Title: Zinc chromium and Zinc Phosphate coating of Special Projects components	ENQUIRY NUMBER:	620003E
	DATE:	02/11/2020
	DUE DATE:	26/11/2020

1. THIS IS ONLY A REQUEST FOR QUOTATION AND NOT AN ORDER
2. THE ABOVE REFERENCE IS TO BE QUOTED IN ALL CORRESPONDENCES

Kindly submit your quotation for "**Zinc chromium and Zinc Phosphate coating of Special Projects components**" as Two part bid (Techno – commercial bid & Price bid in a separate sealed covers) in a single sealed cover addressed to,

The Senior Manager
(Subcontracting / ATP)
First floor, Building -2&4 ,
BHARAT HEAVY ELECTRICALS LIMITED
TIRUCHIRAPALLI - 620014

duly super-scribing the above Enquiry Number and Due date. The details are given in the Annexures (enclosed).

The offer subject to the acceptance of terms and condition enclosed should reach us before 14.00hrs. on The due date. The tender will be opened at 14.30hrs, on the due date in the presence of tenderers, who are all present.

Sl.No. Description/Drawing No. Qty.No. Details of Material supply Delivery Scope of Work

PLEASE REFER ANNEXURE-A

The following points may be noted before submitting the Tenders.

1. Quotations received after the prescribed time for tender opening on the due date will not be considered
2. The enclosed drawings should be returned.
3. We reserve the right to reject the lowest offer without assigning any reason.
4. The Quotations should contain specific rate of taxes. If such levies are exempted, specific mention of it should be made in your Quotation.
5. **It is mandatory to fill the enclosed form for confirmation of terms & conditions for this enquiry**
6. Scope of operations (**Annexure-1**), Terms and conditions of enquiry (**Annexure-A**), Points for processing attestation material (**Annexure-B**), confirmation of commercial terms & conditions (**Annexure-C**), Prequalification criteria (**Annexure-C1**), **Annexure -N** for new vendors only and **Section-V** – Third party Non- Disclosure Agreement have to be accepted and a signed copy of the same has to be submitted along with technical and commercial bid. If there any terms and conditions that might not be acceptable to the supplier, specific mention of the same has to be done in the Techno commercial bid.

For BHARAT HEAVY ELECTRICALS LIMITED
SM/ SC & MP / ATP

M. PALANIVELU
Sr. Manager
Matl. Png & Sub-Contg / ATP
BHEL, TRICHY - 620 014.



BHARAT HEAVY ELECTRICALS LIMITED

TIRUCHIRAPPALLI - 620 014

SUB CONTRACTING / ADVANCED TECHNOLOGY PRODUCTS

ANNEXURE-1 TO ENQUIRY No: 620003E / Dt. 02-11-2020

419 - 408/B
Effective date:
30.10.2017

COMPONENT DETAILS:

Table :1(Zinc -Chromium coating item SI no 1 to 6 & Zinc Phosphate coating item SI no 7 to 22) -

Sl. No.	Description	Material specification	Type of Coating	Raw mat Qty	D.U.	Part No.	Drg. No/Rev No	Total Qty
01	Flange-3	38XH3MØA	Zn Cr	15	222	1518	2-PV-629-00545/R01	15
02	Stud M27 x 1.5	38XH3MØA	Zn Cr	52	222	1519	2-PV-629-00545/R01	52
03	Plug-7	SA105	Zn Cr	30	222	2303	2-PV-629-00545/R01	30
04	Bush-6	SA105	Zn Cr	36	222	0108	2-PV-629-00545/R01	36
05	Rod	SA105	Zn Cr	28	222	2302	2-PV-629-00545/R01	28
06	Test Coupon	38XH3MØA	Zn Cr	04	222	5001	DISC OD 97 X 10MM	04
07	BOLT -Var -01 (M12x1.75-6g)	25X1MØ	Zn Ph	205	222	1715	1-PV-629-00557/R02	205
08	BOLT -Var-02 (M20x2.5-6g)	25X1MØ	Zn Ph	67	222	1717	1-PV-629-00557/R02	67
09	WASHER M85	30XMA	Zn Ph	5	222	9021	1-PV-629-00557/R02	5
10	PLATE-3	SA516GR70	Zn Ph	8	222	9018	1-PV-629-00557/R02	8
11	DISC-5	SA516GR70	Zn Ph	6	222	9024	1-PV-629-00557/R02	6
12	BUSH-7	SA516GR70	Zn Ph	6	222	9025	1-PV-629-00557/R02	6
13	Tab WASHER M10-Var-04	SS3210	Zn Ph	24	222	9028	1-PV-629-00557/R02	24
14	BOLT M6	SA105	Zn Ph	16	222	9026	1-PV-629-00557/R02	16
15	BOLT M10	SA105	Zn Ph	24	222	9027	1-PV-629-00557/R02	24
16	PIN	SA516GR70	Zn Ph	10	222	9029	1-PV-629-00557/R02	10
17	STUD M85	38XH3MØA	Zn Ph	4	222	9019	1-PV-629-00557/R02	4
18	NUT M85	38XH3MØA	Zn Ph	6	222	9020	1-PV-629-00557/R02	6

Sl. No.	Description	Material specification	Type of Coating	Raw mat Qty	D.U.	Part No.	Drg. No/Rev No	Total Qty
19	SLEEVE-5	38XH3MØA	Zn Ph	4	222	9022	1-PV-629-00557/R02	4
20	Stud M120 (N2 Filling)	SA193GRB7	Zn Ph	30	222	0091	1-PV-629-00557/R02	30
21	Test Coupon-1	38XH3MØA	Zn Ph	5	222	0095	As per std.F519-13 (Rod dia 12*50mm-Finished condition)	5
22	Test Coupon-2	SA516GR70	Zn Ph	5	222	0096	5 X 75 X 50	5

Scope of Operations: Annexure-I (Zinc chromium Coating)

Sl.No.	Scope of Work and Delivery conditions
01	a) Carry out zinc chromate coating of items as per Sl.No: 01 to 06 of above component list as per the attached BARC approved procedure- OP&C:PROC:RPVB3:002/rev01 & as per standard IS1573 and IS9839. For total quantity, "Table 1 - Total list of components" to be referred (not the drawing/procedure). The clause 2.2 of the procedure is not in vendor's scope. b) Coating shall be done for 1 no. each for Item Sl no 1,2 & 3 as Mock-up/trial. During this Mock-up, all the requirements as per procedure should be met. After acceptance from BHEL/BARC, balance quantity shall be processed. Coating density, Thickness of coating and Go/No Go gauge checking results are to be reported for review. Coating thickness shall be controlled for GO and NO GO gauge acceptance. Only after the acceptance in mock-up, coating shall be done in the balance components. If the Mock-ups are found not satisfactory in first attempt, Repeat mock up shall be done by modifying the process parameters in consultation with BHEL & BARC, till the required test results are obtained.

Handwritten signature

Sl.No.	Scope of Work and Delivery conditions
02	Detailed operation process sheet (OPS) to be prepared by the sub-contracting firm with stages of operations including inspection check list as required in the above procedure and get it approved from OP&C/ATP and QS/BARC before start of Mock-up/trial as well as job.
03	Collection of raw materials from BHEL and verification is in vendor scope only.
04	Wherever HT is required (For example 38XH3MΦA materials) vendor shall have electric furnace facility at their workplace or nearby their area. In case vendor is planning to do HT other than his work place, prior approval from BHEL & BARC has to be obtained. Furnace calibration certificate and validity shall be ensured before start of HT. HT Plans shall be made by the vendor as per the attached procedure and same shall be approved by BHEL & BARC.
05	LAB Testing of the Mock-up/trials & Test coupon representing the job as per clause no.4 of attached procedure is in vendor scope only, for each witness stage of the procedure vendor shall give prior intimation to BHEL for inspection.
06	Inspection by QC/BHEL and QS/BARC as per the procedure and approved OPS.GO and NOGO gauges shall be supplied by BHEL. Collection and return of the gauges from BHEL stores is in vendor's scope.
07	Packaging of jobs/test coupons/trials which is either used or scraped shall be as per the procedure. All packing materials shall be arranged by the vendor. Torr bonded gunny bags shall be used for packing threaded components. (However, vendor can suggest any alternate packing and same can be used only after approval from BHEL)
08	Finished component shall be dispatched to ATP store/BHEL Trichy. All completed OPS, signed dimensional/inspection reports, detailed records of trial/job shall be sent to BHEL.
09	All the materials & chemicals including safety items, SS tanks pertaining to Zinc chromate coating works are to be arranged by vendor only.

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GENERAL NOTES:

1. All the material shall bear identification details or suitable tags with QC/BHEL and QS/BARC stamp/signature at all stages of manufacture.
2. Threads shall not be damaged during process, inspection, transportations, etc., and properly packed to protect the same. Thread protection covers shall be arranged by the vendor.
3. Handover all the stage inspection and final inspection reports, dimensional reports, OPS and sketches and finished part to S/C-ATP/BHEL.
4. Vendor shall quote firm price by considering the scope of work for all the process including testing.
5. Test certificate/ data sheet of the chemicals including oil must be submitted to BHEL & BARC for verification.
6. Suppliers shall quote for all items of the enquiry and offer should be submitted as **Rate/ Piece** for each item. L1 will be evaluated as a package which includes all the items of this enquiry.

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Scope of Operations: Annexure-II (Zinc Phosphate Coating)

Sl.No.	Scope of Work and Delivery conditions
01	1. Carry out zinc phosphating of items as per SI.No: 07 to 22 of above component list given in Annexure-1. Coating shall be done as per the BARC approved procedure - OP&C:PROC:RPVB3:003/rev01. Also refer standard for phosphate coating process -IS6005 and Testing & inspection standard IS3618 & IS1367. For total quantity, "Table 1 - Total list of components" to be referred (not the drawing/procedure). The clause 2.2 of the procedure is not in vendor's scope. a. For Threaded items: Carryout mock-up phosphate coating on Sl.No.07 (Qty - 1 No), Sl.No.18 (Qty - 1 No) and Sl.No.20 (Qty - 1 No.) to establish the process parameters. Coating density, Thickness of coating and Go/No-go gauge checking results are to be reported for review. Coating thickness shall be controlled for GO and NO GO gauge acceptance. Only after the acceptance in mock-up, coating shall be done in other threaded components. Note: All threaded components are made as per the tolerance given in the drawing and checked with Go and No go gauges. b. For Non - Threaded items: Carryout mock-up phosphate coating of Sl. No. 12 (Qty - 1 No.) and test coupon Sl. No. 16 (Qty - 1 No.) to establish the process parameters. Coating thickness will be recorded for information. The test coupon coated along with job shall meet salt spray test.
	c. After trial phosphating, for removal of coating if any, only mechanical means shall be employed with BHEL/BARC approval through approved OPS. d. For Mock-up vendor is free to suggest any additional test coupon requirement to establish coating other than the listed items as per Sl no 1a) and 1b) in consultation with BHEL & BARC.
02	Detailed operation process sheet (OPS) to be prepared by the sub-contracting firm with stages of operations including inspection check list as required in the above procedure and get it approved from OP&C/ATP and QS/BARC before start of trail as well as job.
03	Collection of raw materials from BHEL and verification is in vendor scope only. NOTE: Materials will be supplied in 1 lot. Vendor shall plan collection of materials accordingly.
04	Wherever HT is required (For example 38XH3MΦA materials) vendor shall have electric furnace facility at their workplace or nearby their area. In case vendor is planning to do HT other than his work place, prior approval from BHEL & BARC has to be obtained. Furnace calibration certificate and validity shall be ensured before start of HT. HT Plans shall be made by the vendor as per the attached procedure and same shall be approved by BHEL & BARC.

Sl.No.	Scope of Work and Delivery conditions
05	LAB Testing of the trials & Test coupon representing the job as per clause no.13 of attached procedure is in vendor scope only, for each witness stage of the procedure vendor shall give prior intimation to BHEL for inspection. Testing shall be done in NABL certified laboratory only.
06	Inspection by QC/BHEL and QS/BARC as per the procedure and approved OPS. GO and NOGO gauges shall be supplied by BHEL. Collection and return of the gauges from BHEL stores is in vendor's scope.
07	Packaging of jobs/test coupons/trials which is either used or scraped shall be as per the procedure. All packing materials shall be arranged by the vendor. Torr bonded gunny bags shall be used for packing threaded components. (However, vendor can suggest any alternate packing and same can be used only after approval from BHEL)
08	Dispatch to ATP store/BHEL Trichy. All completed OPS, signed dimensional/inspection reports, detailed logs of trial/job shall be sent to BHEL.
09	All the materials & chemicals including safety items, SS tanks pertaining to Zinc phosphate coating works are to be arranged by vendor only. Once makeup is started, it is advised to vendor to keep those tanks free for our components & not to take up other jobs. Vendor shall plan/allot tanks accordingly.

General Notes: -

1. All the material shall bear identification details or suitable tags with QC/BHEL and QS/BARC stamp/signature at all stages of manufacture.
2. Threads shall not be damaged during process, inspection, transportations, etc., and properly packed to protect the same. Thread protection covers shall be arranged by the vendor.
3. Handover all the stage inspection and final inspection reports, dimensional reports, OPS and sketches and finished part to S/C-ATP/BHEL.
4. Vendor shall quote firm price by considering the scope of work for all the process including testing.
5. BHEL may withdraw few of components from the list before actual order placement.
6. Test certificate/ data sheet of the chemicals including oil must be submitted to BHEL & BARC for verification.
7. Salt spray test shall be done only after applying In-organic oil sealing of approved grade.
8. Suppliers shall quote for all items of the enquiry and offer should be submitted as **Rate/ Piece** for each item. L1 will be evaluated as a package which includes all the items of this enquiry.

Raw material Supply detail:

Sl. No: 01 to 06 of Table 1 material supply by 25.11.2020

Sl. No: 07 to 22 of Table 1 material supply by 10.11.2020

DELIVERY SCHEDULE: 3 months from date of collection of raw material from BHEL and approval of OPS -165 Nos Sl. No: 01 to 06 of Table 1

3 months from date of collection of raw material from BHEL and approval of OPS -425 Nos Sl. No: 07 to 22 of Table 1

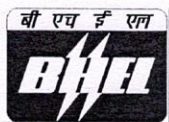
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[Signature]

[Signature] 02/11/20

Subcontracting / ATP

M. PALANIVELU
Sr. Manager
Mat. Proc & Sub-Contrg / ATP
BHEL, TRICHY - 620 015.



BHARAT HEAVY ELECTRICALS LIMITED

TIRUCHIRAPPALLI - 620 014

SUB CONTRACTING / ADVANCED TECHNOLOGY PRODUCTS

ANNEXURE-A

TERMS & CONDITIONS TO ENQUIRY 620003E Dt. 02.11.2020

1. The tender will be operated on two part bid basis i.e.
 - I. Techno-Commercial Bid &
 - II. Price Bid
2. The offer is to be submitted in a single envelope containing two envelopes. i.e. Part - I (Techno Commercial Bid) and Part - II (Price Bid)
3. **Part – I (Techno-Commercial Bid):**
 - I. Duly Signed Tender Documents
 - II. Duly signed Annexures – 1, A&B (scope of operations, Terms and Conditions & Important Points for Attested material processing)
 - III. Duly filled & signed Annexure – C & C1 (Confirmation of commercial terms & conditions & Prequalification criteria)
 - IV. Signed and filled Annexure – N (*Applicable for New Vendors only*. Supporting documents should be submitted along with this bid)
 - V. Section –V Third party Non-Disclosure Agreement

This Part – I document should be sealed in a separate envelope by clearly marked “Part I – Techno - commercial bid” indicating Enquiry No., Due Date., address & reference of the bidder.

4. **Part – II (Price Bid):**
 - I. Duly filled and signed Quotation – Include all the costs and quote as **Rate per piece** basis (in Rs.) **for each Sl.No.** as in Annexure -I

This price bid should be sealed in a separate envelope by clearly marked “Part II – Price bid” indicating Enquiry No., Due Date., Address & reference of the bidder.

5. It is requested to put the above two envelopes (Techno-Commercial Bid & Price Bid) inside a separate larger sealed envelope and this envelope shall be super scribed as “Techno-Commercial Bid and Price Bid “for Enquiry No. 620003E Dt.:02.11.2020 Due Dt.: 26.11.2020
6. The offer should be addressed to:
Senior Manager
Sub-contracting / ATP
2&4 Building (First Floor)
Bharat Heavy Electricals Limited
Tiruchirappalli - 620 014
7. Any clarifications related to the enquiry should be addressed to mpvelu@bhel.in or arumugaraja@bhel.in or kprakash@bhel.in and NIT or Enquiry number should be mentioned in the subject. Any clarifications without the reference of tender number in the subject will not be entertained.
8. Any techno commercial clarifications/request for tender due date extensions with valid acceptable reasons to be addressed to BHEL prior to 48 hours of tender due date. BHEL reserves the rights to extend the due date as per their discretion.

9. Tenders should be free from CORRECTION AND ERASURES. Corrections if any must be attested; all amounts shall be indicated both in words as well as in figures. Where there is difference between amount quoted in words and figures, amount quoted in words shall only be considered.

10. Discrepancy in “Words” & “Figures”

- a. If, in the price structure quoted for the required goods/services/works, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless in the opinion of BHEL there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price corrected accordingly.
- b. If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- c. If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject of (a) and (b) above.

11. Taxes & Duties:

All applicable taxes if payable as extra to the quoted price should be specifically stated in offers along with GST registration no. failing which BHEL will not be liable for payment of such taxes and duties. Our GSTN Code: - 33AAACB4146P2ZL Registered Address with GSTN: - Bharat Heavy Electricals Limited HPBP and SSTP, Thiruverumbur, Trichy – 14. (For GST related queries, pls contact:- gst.try@bhel.in)

Taxes if any will be paid, based on relevant supporting documents.

12. The quoted rates shall be valid for at least **12 months** from the date of price bid opening.

13. On the due date of tender opening, only the technical bids will be opened. Technical bids will be evaluated by BHEL and clarifications required, if any, will be called for from the bidders on technical and commercial points. The price bids of techno-commercially suitable bidders will be opened on a later date with prior intimation to respective bidders.

14. Lowest price received against BHEL tenders need not be the technically acceptable one and in that case BHEL reserves the right not to consider the same. The purchaser shall be under no obligation to accept the lowest or any other tender and shall be entitled to accept or reject any tender in part or full without assigning any reason whatsoever.

15. BHEL reserves the right to negotiate or re-float the tender opened if L1 price is not the lowest acceptable price to them inter-alia other reasons.

16. BHEL deserves the right to increase or decrease the tendered quantity.

17. Risk Purchase:

BHEL at its 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 dispatch within the time stipulated as aforesaid or if the same were not available, the best and the nearest available substitute thereof. The supplier shall be liable for any loss which BHEL may sustain by reason of such risk purchases in addition to LD at the maximum rate mentioned in the LD clause.

18. Bidders **not confirming to the enquiry specification mentioned will be disqualified.**

19. Any corrigendum related to the enquiry will be hosted in the BHEL website only, Bidders should visit the website to keep themselves updated.
20. The correspondence between the bidder and BHEL through email is considered as valid document legally though not signed. It is treated as valid confirmations made on behalf of the respective company and comes under the legal ambit of the business transaction and hence binding on both the parties.
21. Bidders participating in the tender should declare in their technical bid whether they have been black-listed / kept on hold / given Business holiday for a specified period by any Public Sector Undertaking or Government Departments. The reasons for such action with details and the current status of such hold shall be clearly furnished to BHEL. If no such details are mentioned in the offer, it will be construed that the bidder is not under any such hold. However, at a later date if it comes to the notice of BHEL about any such hold under enforcement, BHEL reserves the right to reject the offer at any point of time and also under any stage of the finalization of the tender. Such bidders will not be permitted to participate in the further tender proceedings and will be communicated suitably.

22. Issue of Materials:

- a. The raw materials are to be collected from BHEL by the vendor at his cost
- b. ~~The raw materials will be supplied at your works at our cost.~~

23. Bank Guarantee:

You will have to execute a Bank guarantee for the value of **Rs.3,00,000/- (Three Lakhs)** towards satisfactory performance of the order and for the safe custody of the raw materials. The guarantee shall be executed on a Non-judicial stamp paper of value Rs.100/- . All bank charges will be to the supplier's account.

In case any bidder does not accept for submission of Bank guarantee, their offer is likely to be rejected. Bank Guarantee return request shall be made by the supplier only after 90 days after last date of GR.

24. Manufacturing of Components:

- a. The items are to be strictly manufactured as per Scope and drawing / OPS.
- b. Attestation procedure is to be followed wherever required as per Annexure-B

25. Inspection of Components:

- a. Stage or final Inspection of the components will be done by BHEL/Customer Inspection agencies for which a register for dimensional report shall be maintained at your works and you have to provide all the required facilities Free of Cost. The Inspection results should be given in the format specified by QC/BHEL and necessary stage clearances should be obtained as mentioned in OPS.
- b. The items requiring first off clearance for bulk production shall be offered for Inspection immediately after sample pieces have been completed. Only on getting the approval from our Inspector and authorised representative in writing, further work on bulk production is to be started.
- c. In case of partial or full raw material supply by BHEL for rejection due to our raw materials defect, we will allow proportionate payment to the extent of machining carried out.

26. Painting & Packing of components:

- a. All the machined surfaces or threaded surfaces are to be carefully packed to avoid any damage during transportation

- b. ~~Supplier's code number allotted by us should be punched and encircled with white paint on the finished components wherever possible. In case of small items, metal tags shall be prepared for the same.~~
- c. ~~Any deviation from the scope of machining shall be suitably painted on the component at the appropriate place.~~
- d. Wherever our work orders specified in the Purchase order, the details of Work Order Number, Du-Part Number, Quantity Numbers and weight in Kgs., apart from the IR. No., Should be painted in white paint on any prominent surface of the component or on a metal tag of size 100x175 mm for smaller items, initially applied with Red oxide primer to IS2074 and further applied with a coat of Varnish to avoid peeling off the paint.

27. Accountability of raw materials:

Balance of raw materials will be accounted on completion of the order. ~~Balance materials will have to be returned by you to BHEL Stores. Turnings and borings / wastages are to be returned to BHEL Stores.~~

~~Turnings and borings / wastages need not be returned to our Stores. You may give due Credit to the value of the same in your quotation and accordingly quote.~~

28. Delivery of Components:

- a. The finished goods should be delivered to BHEL/Trichy by the vendor at his own cost
- b. The Delivery challan should be prepared for each Purchase order / Work order separately as per our Proforma or online through B2B (Vendor information system)
- c. The consignment should accompany sufficient copies of online IRs & DCs as mentioned in the B2B (Vendor information system)
- d. The rejected items due to material defect are to be despatched by the vendor to BHEL on "Freight to pay basis" through any of our approved transport carrier along with 3 copies of PDO, one copy of IR and 4 copies of Delivery challan.
- e. The rejected items due to faulty workmanship at vendors end are to be delivered to BHEL at his own cost

29. Payment:

Payment for ~~100%~~, / 90% will be made after 45 days from the date of receipt of finished goods and against the Inspection report (IR) (when the finished items are supplied whether partially or fully to BHEL) supported by:

- a) Two copies of your delivery challan acknowledge by our Stores / Shop
- b) Material accountable Statement for BHEL supplied material / FIM
- c) Invoice of three copies, addressed to DGM/Finance and routed through AGM/SC/ATP
- d) Balance 10% last payment shall be made only on completion of the order after duly accounting for rejections, short supplies (if any) and return or raw materials.
- e) Payment of proportionate machining charges for the rejected pieces due to material defect will be made against your Invoices in duplicate supported by 2 copies of IR. & Delivery challan acknowledged by our stores.

30. LD Clause:

Liquidated damages shall be 0.5% of the total order value per week or part thereof subject to a maximum of 10% of the total order value.

For staggered delivery schedule, LD shall be 0.5% of the undelivered portion per week of delay or part thereof subject to a maximum of 10% of the total order value.

Waiver of LD may be considered under special circumstances based on the written request from the vendor with suitable justifications and supporting evidence.

31. Return of Documents:

All the documents of BHEL including drawing/approved procedures made available to the vendors should be kept in **strict confidence** and under no circumstance be made available to others or allow others to make use of them. Such documents shall be returned to us on demand after completion. This secrecy clause is binding on the employees of the fabricators also. Any contravention will be subjected to legal action, besides suspending business with BHEL.

32. Any dispute arising out of or in connection with this Agreement shall be finally settled by binding arbitration in accordance with the Arbitration and Conciliation Act, 1996 as may be amended from time to time. Executive Director / BHEL, Trichy – 620 014 or his authorized representative shall be the Sole Arbitrator and his decision shall be final and binding on both the parties. The place of arbitration shall be Tiruchirapalli, and the language shall be English. The courts at Tiruchirapalli shall have exclusive jurisdiction on any dispute arising out of or in connection with this Agreement, if intervention of court is warranted, subject to the arbitration provided above.

 02/11/20

Senior Manager
Sub-Contracting/ATP

M. PALANIVELU
Sr. Manager
Matl. Png & Sub-Contg / ATP
BHEL, TRICHY - 620 014.



419 - 418
Effective date:
30.10.2017

BHARAT HEAVY ELECTRICALS LIMITED

TIRUCHIRAPPALLI - 620 014

SUB CONTRACTING / ADVANCED TECHNOLOGY PRODUCTS.

ANNEXURE: B - 620003E

IMPORTANT POINTS TO BE NOTED WHILE PROCESSING THE ATTESTED MATERIAL.

- 01) Raw material should not be taken up for machining/processing without attestation card.
- 02) The details given in the Attestation card should tally with the details punched on the raw material along with Inspector's seal.
- 03) Before gas cutting/hacksaw cutting/machining, attestation particulars are to be transferred to individual pieces along with BHEL Inspector's seal.
- 04) BHEL Inspector alone is authorised to put his Seal on attested material.
- 05) The following details should be punched each component. If the components are too small, the details may be punched on a small Metal Tag and tied after consulting our Inspector.
 - (i) Attestation card numbers.
 - (ii) Material specification.
 - (iii) Melt number
 - (iv) BHEL's Inspector's Seal.
 - (v) Firm code number.
- 06) Before taking up the raw material for processing, clearance is to be obtained in writing from our Inspector.
- 07) If any attestation particulars are removed during machining the same is to be transferred immediately on the machined area along with our Inspector's Seal.
- 08) Before punching, if it is not a machined area, the same is to be thoroughly cleaned by grinding, Sand blasting or at least by wire brushing. At no circumstances, the attestation shall be made on mill or heat treatment scale.
- 09) Use only 3mm letter and number punch. The punching depth shall be uniform and legible.
- 10) The attestation details are to be clearly bordered with yellow paint. Bordering is to be done only after applying rust preventive oil.
- 11) Attestation card is to be sent to Stores along with despatch documents. If any part supply is made, a true copy of the attestation card duly signed by our Inspector is to be sent along with the despatch documents. In such case, the last consignment is to be despatched with original attestation card.
- 12) All useable and bits are to be returned to our stores should have the attestation details with BHEL Inspector's Seal.
- 13) Before despatch, Subcontractor should ensure that all the above points are followed without fail and ensure that the attestation details punched are correct.

Engineer
Subcontracting / ATP

Commercial Terms & Conditions
Annexure-C

SL. NO.	DESCRIPTION	TERMS & CONDITIONS BY BHEL	VENDOR CONFIRMATION / DEVIATION
01	VALIDITY	Validity of the offer shall be a minimum of 1-year from the date of tender opening	
02	FREIGHTAGE FOR	(consider transportation cost and quote accordingly ; need not be separately specified in the quotation)	
	i) <i>RAW MATERIAL</i>	To be collected by firm.	
	ii) <i>FINISHED COMPONENT (Packing & Forwarding)</i>	To be delivered by firm.	
03	TAXES & DUTIES	Refer points 11 of Annexure -A	
04	PAYMENT TERMS	Refer point 29 of annexure-A	
05	LIQUIDATED DAMAGES	Refer point 30 of annexure-A	
06	BANK GUARANTEE	You have to execute a bank guarantee for Rs.3,00,000/- before material collection	
07	DELIVERY SCHEDULE	3 months from date of collection of raw material from BHEL and approval of OPS -165 Nos Sl. No: 01 to 06 3 months from date of collection of raw material from BHEL and approval of OPS -425 Nos Sl. No: 07 to 22	
08	RISK PURCHASE CLAUSE	Refer point 17 of Annexure-A	
09	MSME Category	If the firm comes under MSME category, CA certificate for the year 2019-20 & Udhog aadhar copy to be submitted along with this offer , failing which supplier will be considered as under non-MSME category.	
10	OTHER TERMS(IF ANY)	Material to be preserved on polythene sheets during stocking and transportation.	

Authorised signatory with seal

PRE-QUALIFICATION CRITERIA FOR 620003E for Electro Chemical Polishing
ANNEXURE – C1

PRE-QUALIFICATION CRITERIA (TECHNICAL REQUIREMENTS)			
SL.NO.	DESCRIPTION	BHEL REQUIREMENTS	VENDOR CONFIRMATION / DEVIATION
01	EXPERIENCE IN FABRICATION OF SIMILAR COMPONENTS	Only those vendors who have similar experience in doing these type of works should quote. • Proof shall be submitted in the form of recent Purchase order or in any other document form. • BHEL reserves the right to verify the information provided by vendor. In case the information furnished by vendor is found to be false / incorrect, the offer shall be rejected.	
02	COMPLIANCE WITH THE PROCEDURE	The vendor should submit a detailed method of control, and other pertinent details that will ensure compliance with the requirements of procedures.	
03	EQUIPMENTS/ TO BE USED	Details of equipment proposed with calibration certificates (if required) to be used shall be submitted by the vendor.	
04	TRIALS (TEST COUPONS)	Process parameters shall be established by the firm initially on trials; Job can be taken up only after acceptance of trials by BHEL & BARC	

NOTES :

1. The Vendor shall attach annexures and provide detailed explanation wherever necessary.
2. Only those vendors who are meeting the pre-qualification criteria shall be considered for further tender processes.



Sr. Manager/ ATP SC

M. PALANIVELU
Sr. Manager
Matl. Png & Sub-Contg / ATP
BHEL, TRICHY - 620 014.



DGM/ ATP OP&C

K. RAMASAMY
Deputy General Manager
OP&C / Spl. Projects
Advanced Technology Products
BHEL, TRICHY - 620 014.

ANNEXURE - N (For NEW VENDORS only)

Sl No	Details	Document submission
1	Nature of ownership & relevant documents (Proprietorship-Professional Tax Regn & Municipal Regn; Partnership firm – Partnership Deed; Co-operative society – Society rules & bye laws ; Private/Limited Company – memorandum & Articles of Association)	
2	Product or Service range & facilities: • List down the product range & specification details. • List of Manufacturing facilities/equipment's (including material handling facility)	
3	Licence details of the factory	
4	• Permanent Account No • GST registration number • Regn number of category as per MSMED Act (If applicable)	
5	If registered with any other BHEL unit • Letter of registration with BHEL unit (If applicable) • Proof of successfully executed or executing purchase orders	
6	Accreditation certificate for ISO:9001 / TOC of Quality System manual / ISO:14000 / OHSAS ISO 18000 (If applicable)	
7	Balance Sheet for the last three years along with the audit report	
8	EXPERIENCE IN SIMILAR TYPE OF WORK (All the new vendors should enclose a Purchase Order copy against their previous experience)	



Sr. Manager
Subcontracting

M. PALANIVELU
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BHARAT HEAVY ELECTRICALS LIMITED

TIRUCHIRAPALLI 620014

ATP/ Subcontracting

SECTION V - THIRD PARTY NON-DISCLOSURE AGREEMENT

I, _____, on behalf of the _____ (Name of Company), Vendor Code _____ acknowledge that the information received or generated, directly or indirectly, while working with BHEL, Trichy on contract is confidential and that the nature of the business of the BHEL, Trichy is such that the following conditions are reasonable, and therefore:

I warrant and agree as follows:

I, or any other personnel employed or engaged by our company, agree not to disclose, directly or indirectly, any information related to the BHEL, Trichy Without restricting the generality of the foregoing, it is agreed that we will not disclose such information consisting but not necessarily limited to:

- Technical information: Methods, drawings, processes, formulae, compositions, systems, techniques, inventions, computer programs/data/configuration and research projects.
- Business information: Customer lists, project schedules, pricing data, estimates, financial or marketing data,

On conclusion of contract, I, or any other personnel employed or engaged by our company shall return to BHEL, Trichy all documents and property of BHEL, Trichy, including: drawings, blueprints, reports, manuals, computer programs/data/configuration, and all other materials and all copies thereof relating in any way to BHEL, Trichy's business, or in any way obtained by me during the course of contract.

I further agree that I, or any others employed or engaged by our company shall not retain copies, notes or abstracts of the foregoing.

This obligation of confidence shall continue after the conclusion of the contract also.

I acknowledge that the aforesaid restrictions are necessary and fundamental to the business of the BHEL, Trichy and are reasonable given the nature of the business carried on by the BHEL, Trichy I agree that this agreement shall be governed by and construed in accordance with the laws of country.

I enter into this agreement totally voluntarily, with full knowledge of its meaning, and without duress.

Dated at _____, this _____ day of _____, 20____.
(Place) (Date) (Month) (Year)

Name:

Company:

Signature & Seal: