

BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)
HIGH PRESSURE BOILER PLANT
PURCHASE DEPARTMENT - FOSSIL BOILERS
THIRUCHIRAPALLI - 620014
TAMILNADU (INDIA)

PHONE :0431-2577938
GRAMS : BHARATELEC
FAX NO: 0431-2520719
E-mail: tvenkat@bheltry.co.in
Web:

Enquiry No	Enquiry Date	Due Date for Quotation
2651600030 - 49	27.09.2016	22.10.2016
Please quote Enquiry No, Date and due date in all correspondences. This is only a request for quotation and not an order. Bid should be submitted in two parts. 1.Techno-commercial bid (Part-I) and 2.Price bid(Part-II) in a separate sealed cover and both covers must be placed in a third cover and sealed. Our Enquiry No., Enq. date & Enq. Due date must be written on all three covers.		

Item	Description	Unit	Quantity	Delivery Quantity	Schedule Date
10	Software for 2 factor Authentication Please refer Annexure I [3.2 Software requirements] of RFP.	AU	1.000	1.00	31.12.16
20	Single fingerprint scanner device Please refer Annexure I [3.1 Biometric Devices Requirements and 3.4 Biometric Device Specifications] of RFP.	AU	300.000	300.00	31.12.16

General Note:

1. Please submit your detailed offer in two part bid system i.e
Part-I. Technical bid + Checklist (Annexure-A) + Unpriced bid indicating taxes & duties (Annexure-II) in a sealed cover, super scribing on the cover as "TECHNICAL & COMMERCIAL BID / PART-I"

Part-II. Priced offer in another separate sealed cover super scribing on the cover as "PRICE BID / PART-II"

Both the covers shall be duly super-scribed with tender reference and due date of opening. These covers shall be put in a single cover duly super-scribed with tender reference and due date of opening and addressed to us.

2. Point-to-point confirmation to BHEL's specification and commercial terms & conditions shall be provided. The supplier must fill and send all the Annexures as indicated in the list of attachments. Annexure-A & Annexure-II (with taxes and duties, without indicating prices) should be filled and submitted along with the technical bid, else your offer is liable for rejection.

3. Offers with validity of less than 120 days and non-acceptance of LD & RP clause and reverse auction will lead to rejection of submitted offer.

4. If the due date of tender opening happens to be a holiday, the tenders will be opened on the next working day.

5. All clarifications may be sought at least ten days prior to tender

The offers should reach us 30 minutes before the time of opening of tenders. The offers will be opened at 14.30 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening. Late and delayed offers are liable to be rejected.

Yours faithfully,
For BHARAT HEAVY ELECTRICALS LIMITED



R. PETER ICUDAYARAJU
Senior Manager

MANAGER / PURCHASE
(FOSSIL BOILERS)
Yours faithfully,



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due date, from the undersigned with due written request.

6. BHEL reserves the right to go for a reverse auction (RA) instead of opening the submitted sealed price bid, which will be decided after technical and commercial evaluation. Information and general terms and conditions covering RA are given in commercial terms and conditions (Annexure-A/Point No.17)

7. Order shall be placed on single vendor on cumulative L1 basis for total package.

8. BHEL will consider MSE vendor as per Government guidelines.

9. Vendors are requested to avoid the following points while submitting the Bid Documents:

- Loose or spiral bound bid documents are not encouraged.
- In case of any corrections/overwriting in the tender documents, the same shall be duly attested by the bid submitter.

10. Corrigendum if any, with respect to this tender will be hosted only in the website <http://www.bhel.com> or <http://tenders.gov.in>. You are requested to visit the website regularly for updates.

11. List of Attachments:

- Qualifying Criteria: Annexure-VI
- Technical Terms & Conditions: Annexure-I
- Price Bid Format: Annexure-II
- No Deviation Certificate: Annexure-III
- Techno-Commr. Bid Covering Letter: Annexure-IV
- 3rd Party Non-Disclosure Agreement: Annexure-V
- Commercial Terms & Conditions: Annexure-A
- CA certificate for MSE vendors: Annexure-B.

All the tenders may be addressed to the following address:

**The Tender Opening Cell / MM
Room No: 26, Building 24, Ground Floor
Bharat Heavy Electricals Limited
TIRUCHIRAPALLI 620014**

In case personal delivery of the offer, it shall be dropped into the respective box kept in Room No: 26, after duly entering the data in the system.

Offers will be accepted only up to 14.00 Hrs on the due date. Therefore, vendors shall ensure to submit the offers well before this time. All due date extension requirements should be addressed to the respective Purchase mail IDs. All the due date extension requests from vendors will be considered only up to 48 hours before the due date and time.

The offers should reach us 30 minutes before the time of opening of tenders.
The offers will be opened at 14.30 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening. Late and delayed offers are liable to be rejected.

Yours faithfully,
For **BHARAT HEAVY ELECTRICALS LIMITED**

MANAGER / PURCHASE
(FOSSIL BOILERS)

Yours faithfully,

R.L. PETER IRUDAYARAJ
Senior Manager

Material Management
BHEL, TIRUCHIRAPALLI - 620014



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Vendors are requested to avoid submission of offers through e mail / fax. In case of any unavoidable situation, offers shall be sent through e mail to the following mail ID only
tender_cell@bheltry.co.in.

As tenders are being opened by Common Tender Opening Cell, offer covers should be sealed with tenderer's distinctive seal and super scribed with correct Tender No. item of supply and due date of opening.

The offers will be opened at 14.30 hrs on the due date of the tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening. Late and delayed offers are liable to be rejected.

The bidder along with its associate/ collaborators/ sub-contractors/ sub-vendors/ consultants/ service providers shall strictly adhere to BHEL fraud prevention policy displayed on BHEL website <http://www.bhel.com> and shall immediately bring to the notice of BHEL management about any fraud or suspected fraud as soon as it comes to their notice.

The supplier shall submit EI/EII forms to BHEL time to time as indicated by the BHEL and in case of inordinate delay in issuing EI/EII forms, then BHEL reserves the right to deduct 5% of the value of the supplied items against which EI/EII forms pending to be issued

Enclosures:

"LD clause has to be confirmed without fail."

The offers should reach us 30 minutes before the time of opening of tenders.
The offers will be opened at 14.30 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening. Late and delayed offers are liable to be rejected.

Yours faithfully,
For BHARAT HEAVY ELECTRICALS LIMITED

MANAGER / PURCHASE
(FOSSIL BOILERS)
Yours faithfully,

R.L. PETER JEYUDAYARAJ
Senior Manager

Materials Management
BHEL THIRUCHIRAPALLI - 620 014

Bharat Heavy Electricals Limited
High Pressure Boiler Plant
Tiruchirappalli



Information and
Communication
Technology Department

Tender Document

For

Integrating Biometric Authentication

With

SAP ERP

Disclaimer

The information contained in this Tender Document or subsequently provided to Bidder(s) whether verbally or in documentary form by or on behalf of BHEL or by any of their employees or consultants, shall be subject to the terms and conditions set out in this Tender Document and any other terms and conditions subject to which such information is provided.

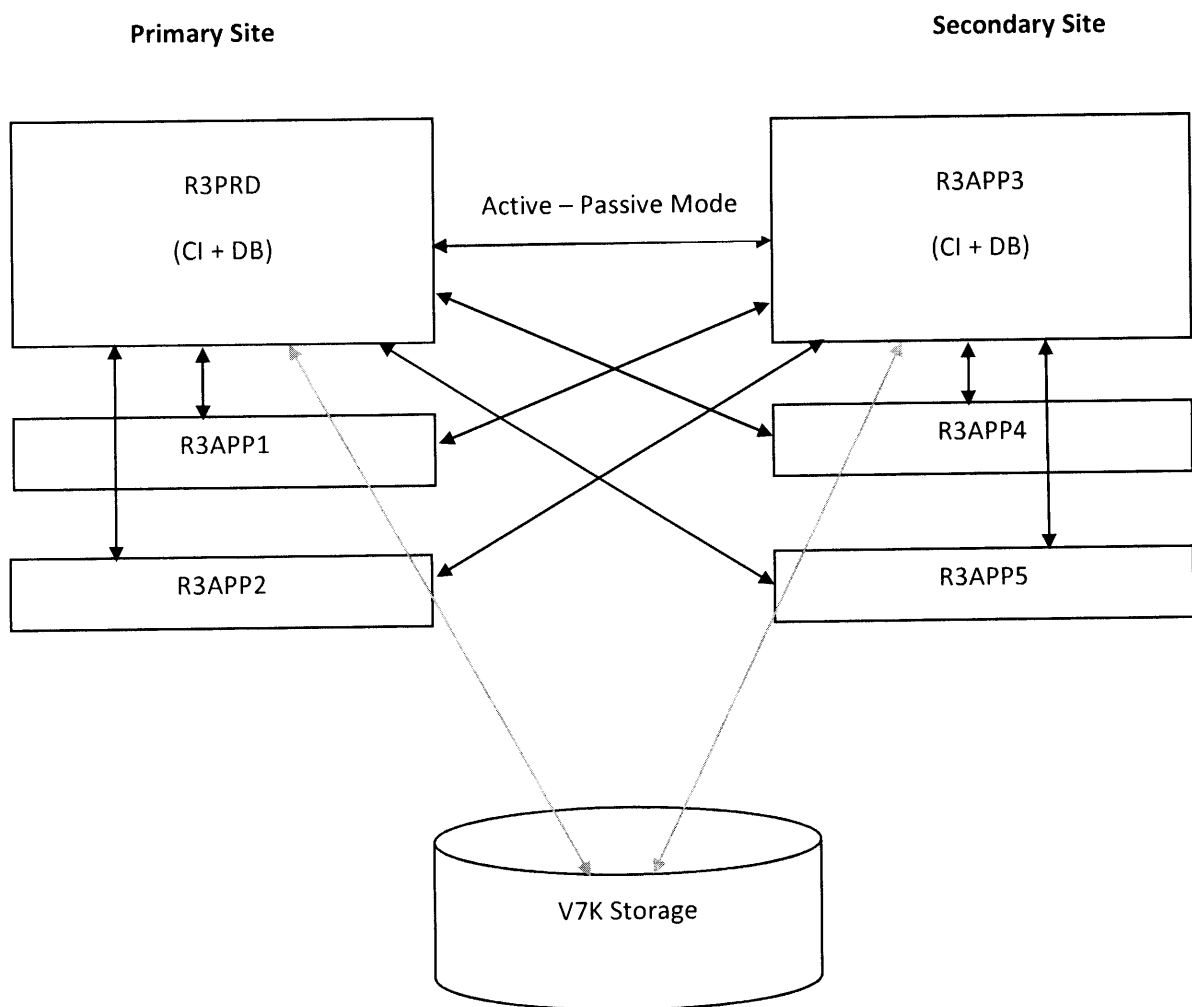
This Tender Document is not an agreement and is not an offer or invitation by BHEL to any party other than the Bidder who is qualified to submit the Bid. The purpose of this Tender Document is to provide the Bidder with information to assist the formulation of their Proposal in response to this Tender Document. This Tender Document has been prepared with care and attention to provide all required information to the Bidders. However, Bidders may need more information than that provided. In such an event, the Bidder is solely responsible to seek the information required. BHEL reserves the right to provide additional requested information at its sole discretion and shall provide the same to all Bidders (i.e. the Bidder who has sought for such information as well as all other Bidders). In order to respond to the tender, if required, and with the prior permission of BHEL, each Bidder may conduct his own study and analysis, as may be necessary to supplement the information and data. BHEL, its employees and consultants make no representation or warranty and shall incur no liability under any law, statute, rules or regulations on any claim the Bidder may make in case of his failure to understand the requirement and make the proposition. BHEL may, in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information in this Tender Document.

1.0 Requirement and Process Requirement

1.1 Introduction

Bharat Heavy Electricals Ltd, a Govt. of India undertaking is the largest engineering enterprise of its kind in India and one of the major power plant manufacturers in the world. BHEL, Trichy is planning to integrate the biometrics Authentication with SAP ERP 6.0

The server hardware (Will be provided by BHEL) and the software will be installed in the Primary site at "Information and communication Technology" and in the Secondary site at Building 2&4 as shown in the diagram:



The entire system is required on Out-rate Purchase with One Year AMC and if BHEL Opts the bidder shall undertake to provide maintenance support for four years after the expiry of the Warranty.

1.2 Amendment of Bidding Documents:

BHEL may at its sole discretion amend the Bidding Documents at any time prior to the deadline for submission of bids. However in case of such amendment, the bid submission date may be extended at the discretion BHEL.

Amendments made prior to submission of bid will be provided in the form of Addenda / Corrigendum to the Bidding Documents and will be posted on the BHEL website (<http://www.bhel.com> & <http://www.tenders.gov.in>) in Tender Notification section.

1.3 Documents to be submitted along with the Bid:

Following documents shall be submitted in the bid. The Bidder shall bear all costs associated with the preparation and submission of its bid and BHEL will in no case be responsible or liable for those costs.

The bid, all correspondence and documents related to the bid shall be in English.

Documents related to Technical and Commercial offer:

- 1.3.1 Acceptance of Technical Terms and Conditions
- 1.3.2 Acceptance of Commercial Terms and Conditions
- 1.3.3 Technical specification of the offered solution -to be filled in the Check-list format issued as Requirements in the tender document
- 1.3.4 Technical Brochures
- 1.3.5 Other Documents to support the compliance specified in Pre-Qualification criteria.
- 1.3.6 "No-Deviations" Certificate
- 1.3.7 Un-priced Commercial offer as per Price Format
- 1.3.8 Certificates from respective OEMs of all items quoted, declaring support for a minimum period of five years from the date of commissioning.

Document to be submitted for the Price Bid

- 1.3.9 Price in the Price Format
- 1.3.10 Non-Disclosure Agreement

1.4 Late Bids:

Any bid received by BHEL after the deadline for submission of bids will be summarily rejected and returned unopened to the bidder.

1.5 Evaluation of Bids:

BHEL will evaluate the bids as follows:

Stage-I: Evaluation of Eligibility Criteria of bidder

These are mandatory requirements to be met by the Bidder. Only those Bidders who meet all the requirements as per **Eligibility Criteria for Bidders** will be considered for stage II evaluation.

Stage-II: Evaluation of Technical & Commercial Bids

Commercial and Technical bid of the bidder shall be opened and evaluated for acceptability of Technical offer, deviations and their acceptability, technical suitability, acceptance of technical and commercial terms.

BHEL's Technical Committee will evaluate the Technical bid submitted by the Bidders. During the Technical Evaluation of the bid, BHEL may ask for additional information / resources to validate the bid. These may include technical documents / white papers from System Integrators, demonstration of a proof of concept or solution & Signoff from BHEL Trichy on completion of Proof of Concept, visit to their clients reference site, etc.

Failure to furnish all information as required or to submit a bid not substantially responsive to the bidding documents may result in rejection of the bid. If there are any deviations in the technical solution offered, without affecting the functional requirement, they shall be filled-in the Deviation format issued with the tender document and submitted along with the bid. In case of no deviations, "**No Deviation Certificate**" shall be submitted. The deviations from the tender specification shall be clearly indicated giving the reference of the specification, if any, as per format for declaring deviations. If deviation other than what is specified in the list is found, the bid will be liable for rejection.

BHEL reserves the right to accept or reject any deviation.

Bids meeting BHEL's technical and commercial requirements only will be considered for **Stage-III price evaluation**.

Stage-III: Evaluation of the Price Bid:

Bidders clearing the Technical and Commercial evaluation will have their Price Bids opened. The total cost of the bid will be calculated as under:

- 1.5.1 Bidder Has to Quote the Total Price for the biometric Authentication Software @ Server End to be implemented in DC and DR including the License cost with One Year Warranty.
- 1.5.2 Bidder has to quote cost of the Biometric Device as per the band of Quantity given.
- 1.5.3 Bidder has to quote AMC Cost for 4 Years after end of warranty of 1 year.

2.0 Eligibility Criteria for Bidders

The bidder must submit a certificate of no conflict through authorized signatory confirming that there would be no conflict of interest with BHEL. Bids of any Bidder may be rejected if a conflict of interest between the Bidder and BHEL is detected at any stage. To clarify, conflict of interest may arise from due to multiple reasons including the following:

1. If any competitor of BHEL has stake in Bidder's organization. Competitors will be defined as companies working in the same field as that of the product/project line of BHEL and is working in the same territory as that of BHEL.
2. If the executive management of Bidder is related to executive management of BHEL.

No claims / correspondences later or during the bidding process in any form shall be considered from any vendor / bidder who have not participated in owner's bidding process and not submitted its bid as per Tender requirements.

2.1 General

- 2.1.1 There can be only 1 bid from each Bidder.
- 2.1.2 Bidders are required to quote for all the items of the Tender Enquiry specified in the technical specification (Requirement) document and incomplete offers will be rejected.
- 2.1.3 BHEL reserves the right to verify / confirm all original documentary evidence submitted by vendors in support of the eligibility criteria. Upon verification, evaluation / assessment, if any information furnished by the bidder is found to be false / incorrect, their total bid will be rejected and no correspondence on the same shall be entertained.
- 2.1.4 Must have annual turnover of minimum 40 Lakhs per annum for the last 3 years. Attested copies of Balance Sheets of the last three years to be submitted as proof
- 2.1.5 The Bidder should have a registered office and support centre in India.
- 2.1.6 Should have implemented Biometric Authentication in SAP with minimum 240 devices to 1 customer, which should be a state Government / central government / PSU.

OR

Should have implemented Biometric Authentication in SAP with minimum 150 devices to 2 customers, out of which one should be a state Government/central government/ PSU.

OR

Should have implemented Biometric Authentication in SAP with minimum 120 devices to 3 customers, out of which one should be a state Government/central government/ PSU.

- 2.1.7 Bidder has to show the Proof of concept before submission on technical bid for the scope mentioned in this tender document and get signoff with BHEL Trichy's "Technical committee for biometric authentication with SAP", and the Same Signoff to be enclosed along with the bid.

2.2 Purchaser's Right to accept or Reject any or all Bidders:

BHEL reserves the full right to accept or reject any bid or to annul the bidding process and reject all bids at any time prior to Contract award, without thereby incurring any liability to the Bidders.

2.3 Clarifications on Bids

During the bid evaluation, the Owner may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing, and no change in the price or substance of the bid shall be sought, offered, or permitted.

Annexure I

3.0 Technical Terms and Conditions

3.1 Biometric Devices Requirements

S No.	Specifications	Vendor's Response (Yes/No)	Remarks
1	BHEL currently requires 300 number of Single fingerprint scanner Biometric devices which can provide finger print authentication integrated with SAP ERP.		
2	A comprehensive solution must be proposed in which the bidder takes the responsibility of supplying the biometric devices as well as the interface software for SAP, installation and interfacing the devices so that they work in BHEL's SAP ERP environment as specified in this RFP. That is, the complete solution must be implemented.		

3.2 Software requirements

S No.	Specifications	Vendor's Response (Yes/No)	Remarks
1	Software must be provided for interfacing the above Single fingerprint scanner Biometric devices with SAP ERP.		
2	The software proposed must work with BHEL Trichy's ERP infrastructure, i.e., IBM AIX 6.1.0.0 OS with Oracle 11gR2 (11.2.0.2) as the database and SAP ERP 6.0 EHP 5. If there are any changes in the server setup (Software or Hardware) during the contract period, the bidder should support in implementing the 2 factor authentication in the new setup also.		
3	The OS of client PCs/ laptops will be Windows 7, Windows 8.x or Windows 10. The proposed solution software must run on all these OS. Support should be available for future Windows OS versions for five years (warranty + AMC period) from the date of deployment & commissioning of the devices in BHEL Trichy.		

S No.	Specifications	Vendor's Response (Yes/No)	Remarks
4	In case, the PCs of the users are replaced due to obsolescence, the earlier license should continue to be valid on the new PC and must not be counted as extra license.		
5	The SAP ERP system is implemented as a three system landscape – Development, Quality and Production. Any software implementation will be done first in Development, tested in quality and then only moved to production. The proposed Biometric fingerprint software must also be deployed in the same manner.		
6	Our ERP production system has multiple applications servers for load balancing. Currently there are five such servers including Central Instance in PDC. The proposed Biometric fingerprint software must work for all the users irrespective of which server they have logged in.		
7	In addition to the Primary data Center (PDC), BHEL has a DR data center in the same campus. The proposed solution must work from both locations, PDC as well as DR.		
8	In case there is a failover to DR due to disaster at the PDC the proposed solution must continue to work.		
9	The software application should utilize SAP internal programming language (ABAP) to configure security.		
10	The software application should utilize same database storage as SAP system to be secured, i.e. Oracle 11gR2 (11.2.0.2).		
11	The biometric reference templates should be stored on server in encrypted format.		
12	The 'sample templates' should be 'encrypted in motion' as they are sent from fingerprint reader to SAP for comparison with reference templates.		
13	The system must be capable of protecting standard SAP transaction codes (t-codes) with customizable access credentials varying by user, on a continuous re-authentication basis.		

S No.	Specifications	Vendor's Response (Yes/No)	Remarks
14	The system must be capable of protecting custom SAP z-transactions with access rights customizable by user, on a repeated re-authentication basis.		
15	The system needs to be capable of expansion, beyond the current project, to any SAP module		
16	100% audit data on all controlled activities, whether permitted, rejected or just logged, is required. This audit data should be securely stored in "read-only" mode within SAP to prevent tampering.		
	Registration of Biometric users :		
17	This activity must be done as a transaction code within SAP ERP.		
18	The fingerprint data must be stored in the SAP ERP database.		
	Verification		
19	Biometric fingerprint verification must be enabled for login access as well as t-code access		
20	Separate t-code must be available to BHEL Trichy BASIS team to enable/disable biometric fingerprint verification for users and t-codes.		
21	SAP User will use SAP GUI to login. After SAP authentication success in SAP server, biometric fingerprint verification must be done for only those users for whom this has been enabled.		
22	User must be prompted to complete the verification activity within 30 seconds. User must be shown only relevant screen with appropriate messages.		
23	If fingerprint authentication is valid, then normal SAP login/transaction must continue. Otherwise, appropriate error message must be displayed and the login/ transaction aborted.		
24	After logging in, whenever the identified critical transaction codes are executed, or at specified critical steps in the critical transactions, fingerprint verification should again be done.		

S No.	Specifications	Vendor's Response (Yes/No)	Remarks
25	The verification should preferably happen on the application server's end.		
26	Currently, BHEL Trichy has identified some (a minimum of 20) transactions as critical. However, provision must be available to configure at least 50 transactions in the future OR a common function module in SAP should be provided, which can be called from the critical transactions.		
27	All required drivers for the hardware should be provided by the bidder and should be remotely installable from Active directory server.		

3.3 Acceptance Criteria

S No.	Specifications	Vendor's Response (Yes/No)	Remarks
	The solution will be accepted only when the following requirements are demonstrated -		
1	Device compatibility with OS Microsoft Windows 7, Windows 8.x and Windows 10.		
2	Enrolment of finger print for a selected SAP ERP user using a separate t-code in SAP ERP.		
3	Storage of fingerprint in SAP ERP's database Oracle 11gR2 (11.2.0.2).		
4	Enabling fingerprint authentication for a selected user(s)		
5	Demo of the fingerprint authentication for the selected user on login		
6	Demo of the fingerprint authentication for the selected t-code for the selected user		

3.4 Biometric Device Specifications

Sl. No	Parameters	Specifications	Vendor's Response	Remarks
1	Minimum Platen Area	12.8mm x 16.5 mm		
2	Extractor Quality	MINEX compliance Number of Minutiae generated by the extractor to be in conformance to ISO specifications.		
3	NFIQ	Inbuilt NFIQ quality software either at device or extractor level		
4	Pixel Resolution	500 dpi		
5	Grey Scale/Image Type	8 bit, 256 levels		
6	Extractor & Image Template Standard	ISO 19794-2 for finger print minutiae template & ISO 19794-4 for Finger Print Image Template		
7	Platen	Rugged IP 64 rated		
8	Preferred Operating Temperature	0 to 45 degree Centigrade		
9	Preferred Storage Temperature	0 to 50 degree Centigrade		
10	Preferred Humidity	10 to 90%		
11	Environment, Health & Safety	ROHS certification		
12	Safety	UL or IEC 60950 compliance		
13	EMC compliance	FCC Class A or equivalent		
14	Operating System	Linux, Windows 7, Windows 8.x & Windows 10		
15	Connectivity	USB 2.0 (High Speed)		
16	STQC Certified	The Single fingerprint scanner Biometric devices should be certified by STQC		

3.5 Service Level Agreement (SLA)

3.5.1 As the equipment will be used for running mission critical SAP ERP application, the vendor shall provide an uptime of 99% on all hardware & software products on monthly basis.

3.5.2 If the availability of the systems, or part thereof, is below 95% on monthly basis, continuously over a period of 3 months, BHEL Trichy reserves the right to terminate the contract in full, without any cost implication to BHEL Trichy.

3.6 Terms of Payment:

Vendor shall submit following documents for processing the bills:

Payment will be released within 45-90 Days of completion of work and on submission of following documents.

3.6.1 Invoice in triplicate.

3.6.2 Document proof for Software license renewal as applicable.

3.6.3 Work Completion certificate from Information and Communication technology department of BHEL Trichy

3.6.4 Last paid Service Tax Challan Receipt.

3.7 Warranty & AMC shall cover the following:

3.7.1 Repair / Replacement of faulty / defective biometric devices and other items within 2 business days.

3.7.2 All Software Patches, Upgrades, updates, Service Packs, etc. of the Software supplied.

3.8 Confidentiality of Information

3.8.1 All the material / information sent to the Bidder shall be treated as confidential and should not be disclosed in any matter to any unauthorized person under any circumstances. The successful bidder and their employees deployed on the project have to furnish a Non-Disclosure Agreement (NDA) as per Annexure-V Non-Disclosure Agreement in line with the Owner's Information Security Management System (ISMS).

Annexure II

Price Bid Format

Enquiry No. & Date:

Bidder's Offer No. & Date:

Sl. No.	Description	Qty.	Unit Price	Total Price	Vat / CST %	Service Tax %	Any other Tax %	Total Price incl. Tax
1	STQC Certified Single Fingerprint Capture Device/ STQC Certified Single fingerprint scanner device	300						
2	Client Software for STQC Certified device	300						
3	Software for integrating STQC Certified fingerprint device with SAP (for five application servers)	1						
4	Installation & commissioning	1						
5	a. AMC + S/W support for PDC and DR following 2 nd year (Provisional only)	1						
	b. AMC + S/W support for PDC and DR following 3 rd year (Provisional only)	1						
	c. AMC + S/W support for PDC and DR following 4 th year (Provisional only)	1						
TOTAL COST OF OWNERSHIP (Sum of Sl. No.: 1, 2, 3, 4 & 5)								

Note:

1. Tax with 'C' form in % =
2. Tax without 'C' form in % =
3. The lowest of TCO computed as above will be considered for evaluating as "L-1" bidder.

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".

Annexure III

No Deviation Certificate

This is to certify that our offer is exactly in line with your tender enquiry no....., **dated** This is to expressly certify that our offer contains no deviation either Technical or Commercial in either direct or indirect form.

In case of any contradiction of our offer against the tender terms & conditions, we understand that the same as per the tender terms & conditions will be unconditionally honoured by us.

Signed By:

Name: _____

Designation: _____

Organization: _____

Date & Place: _____

Phone/Fax/Mobile/Email: _____

Stamp & Seal: _____

Annexure IV

Techno-commercial Bid Covering Letter

Date:

To:

Mr. <Contact Person Name>
<Complete Address>

Dear Sir,

Ref.: Your Tender no. _____

Having examined the RFP, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to provide the professional services as required and outlined in the RFP for the 'Integrating Biometric Authentication with SAP ERP' project of the Bharat Heavy Electricals Limited Trichy. To meet such requirements and provide such services as required are set out in the RFP:

We attach hereto the technical response as required by the RFP, which constitutes our proposal.

We further undertake, if invited to do so by you, and at our own cost, to attend a clarification meeting at a place of your choice, for the purpose of reviewing our Bid and duly noting all amendments and additions thereto, and noting omissions therefrom that you may require.

We undertake that, if our proposal is accepted, to adhere to the implementation plan or such adjusted plan as may subsequently be approved by you.

Until a formal Contract is prepared and executed between us, this bid, together with your written acceptance thereof and your notification of award shall constitute a binding Contract between us.

We confirm that the information contained in this proposal or any part thereof, including its exhibits, schedules, and other documents and instruments delivered or to be delivered to the BHEL Trichy is true, accurate, and complete. This proposal includes all information necessary to ensure that the statements therein do not in whole or in part mislead the BHEL Trichy as to any material fact.

We understand that you are not bound to accept the lowest or any bid you may receive and in-turn we will not have any rights to raise any claim, whatsoever it may be, due to or arising out of rejection of our bids.

Date:

Name and Designation of Signatory:

Name of Company:

Address:

Note: This form has to be signed by authorized signatory.

Annexure V

 BHEL - TRICHY	THIRD PARTY NON-DISCLOSURE AGREEMENT	Doc.No. : ISMS-04/TP/011	
		Ver. No: 3.0	Rev. No: 00
		Date : 27 - 10 - 14	

THIRD PARTY NON-DISCLOSURE AGREEMENT

I, _____, on behalf of the _____ (Name of Company), 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__.

Name

Company

Signature

[Restricted Use]

Annexure- VI

PRE-QUALIFICATION CRITERIA

Each of the Qualifying condition mentioned below is **MANDATORY**. In case any of the conditions listed below is not met, the bidder will be disqualified.

S. No.	Criterion	Minimum Qualifying Requirement	Evidence Required	Proof attached
1.	Presence In India	The Bidder should have a registered office and support centre in India.	Copy of Registration Certificate. Support centre details from Authorized signatory or verifiable through public domain.	YES
2.	Legal Entity	The bidder should be a registered company in India under Indian Companies Act 1956 / 2013	Copy of registration certificate.	YES
3.	Financial Parameters	The bidder should have average annual turnover of more than INR 40 Lakhs from IT Products & Services for the last 3 years. The bidder should have positive net worth for the last 3 financial years.	Audited Balance Sheet and Profit & Loss Statements.	YES
4.	Certifications	STQC Certified Single Fingerprint Capture Device/ STQC Certified Single fingerprint scanner device.	Certificate provided by STQC	YES

5.	Experience in providing the proposed solution in India	Should have implemented Biometric Authentication in SAP with minimum 240 devices to 1 customer, which should state Government/central govt/PSU. OR Should have implemented Biometric Authentication in SAP with minimum 150 devices to 2 customers, out of which one should state Government/central govt/PSU. OR Should have implemented Biometric Authentication in SAP with minimum 120 devices to 3 customers, out of which one should state Government/central govt/ PSU.	Project completion certificate from the customer with Purchase Order.	YES
6.	Black Listing	The bidder should not have been currently black listed / banned for business dealings by any Govt. authority / department / agency or by any BHEL Unit / Region / Division / Office.	Provide self-certificate from company's authorized signatory to this effect.	YES
7.	Proof of Concept	Bidder has to show the Proof of concept for the scope mentioned in this tender document and get signoff with BHEL Trichy's "Technical committee for biometric authentication with SAP".	Proof of concept get signoff document from BHEL Trichy's "Technical committee for biometric authentication with SAP".	YES

Note:

All self-certificates must be signed by the Authorized signatory, unless specified otherwise.
Reference date for pre-qualification criteria is date of submission of bids.

BHARAT HEAVY ELECTRICALS LIMITED TIRUCHIRAPALLI

CAPITAL PURCHASE

Annexure-A

ACCEPTANCE OF COMMERCIAL TERMS AND CONDITIONS BY THE 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 VENDORS

Sl. No.	DESCRIPTION
1.	The Bidders shall submit their offer in TWO INNER ENVELOPES as indicated below which shall be sealed in one outer envelope. ❖ Envelope I: This sealed envelope should contain all the copies of technical bid together with un-priced commercial bid. This envelope should be clearly marked <u>"Part I - Technical and commercial bid"</u>, indicating Enquiry No., Due Date and Address & Reference of the Bidder. ❖ Envelope II: This sealed envelope should contain <u>price details</u>. This envelope should be clearly marked <u>"Part II - Price bid"</u>, indicating Enquiry No., Due Date and Address & Reference of the Bidder. This part should contain the schedule of price particulars and must be co-related to the technical details provided in Part I. All the two envelopes (Part I&II) shall be put in one cover, duly sealed, super scribing as <u>"Part I and Part II of Enquiry No., due date of opening"</u> and the address and reference of the Bidder. The offer received without the above guidelines, will not be considered for opening. 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. The Tenders should be addressed to the following address only, not on any individuals name: The Tender Opening Cell/MM Room No - 26, Building - 24, Ground Floor Bharat Heavy Electrical Limited Tiruchirapalli - 620014. In case personal delivery of the offer, it shall be dropped into the respective box after duly entering the data in the system kept in Room No 26. Vendors are requested to avoid submission of offers thro email / fax. In case of any unavoidable situation, offers shall be sent thro email to the following mail ID only <u>"tender_cell@bheltry.co.in"</u> As such Tenders are being opened by Common Tender opening Cell, offer covers should be sealed with tender's distinctive seal and super scribed with correct Tender NO, item of supply and due date of Opening Tenders should be free from CORRECTIONS AND ERASURES. Corrections if any, must be attested. All amounts shall be indicated both in words as well as in figures. In case of any difference between amount quoted in words and figures, amount quoted in words shall prevail. 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.
2.	<u>OPENING OF TENDERS</u> The Part I- Technical & commercial bid would be opened on the Tender opening date. The Part II - Price bid of Technically suitable Bidders alone would be opened. The Technically suitable Bidders would be informed about the tender opening date. 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, Service Tax Registration No (STC)- AAACB4146PST006. Assessment circle Tiruverambur.
4.	<u>Special Provisions for Micro and Small Enterprises (MSE)</u> 1. 20% of the tendered quantity is earmarked for MSE suppliers in this tender. 2. Out of the 20% tendered quantity reserved for MSE suppliers, 4% shall be earmarked for procurement from MSE owned by SC/ST entrepreneurs. 3. 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. 4. 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 - B) 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 PO & Payment Terms: - Purchase Orders will be released on successful vendor on Single Package basis. 100% payment within 45-90 days after receipt & acceptance of supplied material against submission of 10% PBG for total order value for a Warrantee period of 12 Months. 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.	
7.	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>	
8.	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>	
9.	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.	
10.	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 ED & Sales Tax, Commissioning Charges should be clearly indicated. Evaluation of offers shall be on the basis of delivered cost (Net cash outflow to BHEL-Trichy).	
11.	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>	

12.	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.	
13.	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.	
14.	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	
15.	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.	
16.	BHEL will consider the ranking after the loading is applied as referred above wherever deviations are observed.	
17.	Reverse Auction (RA): BHEL reserve the right to conduct on-line internet Reverse Auction i.e. ONLINE BIDDING (THROUGH A SERVICE PROVIDER) for finalising the tender. This decision will be communicated to the techno-commercially qualified vendors after evaluation. Details / General terms / guidelines for conduct of RA are shown below: Vendors are requested to confirm their acceptance for BHEL proceeding with RA route for finalisation of the enquiry. 1. Technically and Commercially acceptable Bidders shall only be eligible to participate in the Reverse Auction. 2. 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. 3. Eligible Bidders shall be informed in writing, about the details of Service Provider, to enable Vendors to contact the Service Provider and get trained. 4. Event Date, Time, Start Price, Bid Decrement, Time-Extensions, etc. shall also be communicated through the Service Provider for compliance by Bidders. 5. Vendors have to FAX the Compliance Form (Annexure-IV), before start of RA. Without furnishing the above Compliance Form, Bidders shall not be eligible to participate in the RA. 6. 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. 7. RA shall be conducted on a pre-determined Date and Time. 8. At the end of RA, the lowest Bid Value will be known on the Network. 9. Lowest Bidder has to FAX the Prescribed Format, duly filled in and signed in, as provided, on a case-to-case basis, to the Service Provider, within 24 Hours of RA without fail. 10. Any variation between the ON-LINE Bid Value and the signed document will be considered as unethical the Tender process and will invite disqualification of Bidder, for further business dealings with BHEL as per the prevailing procedure. 11. In case BHEL decides not to go for Reverse Auction procedure for this tender, the Price Bids & Price Impacts, if any, already submitted & available with BHEL shall be opened as per BHEL's standard practice. 12. BHEL reserves the right to negotiate if need be, with the L-1 vendor of the RA. 13. BHEL reserves the right not to consider offers from vendors not complying with the RA process for finalisation of the enquiry. 14. 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. 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.	
18.	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.	

19.	➤ 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 Fixed price: ➤ 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.		
20.	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	
	CST /TIN No		
	Name of the contact person:	Mobile No.:	
	e-mail ID		
21.	TO BE CONFIRMED BY VENDOR		
	Country of origin:		
	Station of dispatch / Port Of Shipment		
	Delivery Terms (FOR Destination / Ex-works)		
	Packing & Forwarding Charges in % or Lump sum, if extra from basic rate		
	% of Excise Duty with cess		
	% of TAX (CST / VAT) (TNGST with FORM-17 or CST with C-FORM)		
	(If applicable only) Installation & Commissioning charge is inclusive (or) exclusive on basic rate.		
	Service Tax extra or Not		
	Freight & Transit insurance charges (if any, in Lumpsum (or) percentage) from Dispatching station to BHEL Tiruchirappalli.		
22.	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.		
23.	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 <peterri@bheltry.co.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.

Signature with date:

(AFFIX OFFICIAL SEAL HERE)

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