



**ELECTRONICS CORPORATION OF INDIA LIMITED**

(A Government of India Enterprise)

COMPONENTS DIVISION – PURCHASE

**EVM –VVPAT-POWER PACKS PROJECT**

**REQUEST FOR QUOTATION**

**FOR THE SUPPLY OF “SPOT WELDING MACHINES  
AND WELD HEADS”**

**26<sup>th</sup> Aug’ 2015**

**REFERENCE No. ECIL/CD/PUR/03-0400/Q**

RCD BUILDING  
ECIL POST  
HYDERABAD -500 062  
E mail: cdpurchase@ecil.co.in

Tel: 0091 40 2718 6895  
0091 40 2718 2248  
0091 40 2712 2569  
FAX: 0091 40 2712 2208  
0091 40 2712 0495

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**Reference No: ECIL/CD/PUR/03-0400/Q**

**Date: 26-08-2015**

## SCOPE:

### 1.10 Invitation:

ECIL Proposes to procure Dual Pulse Spot Welding / Resistance Welding Machine (Battery Pack) and Weld heads through a competitive bidding process.

Electronics Corporation of India Limited, Hyderabad, invites Quotations from the Suppliers who possess the requisite production facility for manufacture of Dual Pulse Spot Welding /Resistance Welding Machine (Battery Pack) and weld heads.

### 1.20 Description & Quantity Requirement:

- (i) Dual Pulse Dual Pulse Spot Welding / Resistance Welding Machine (Battery Pack) and Weld heads, transformer and accessories - 4 Nos. each
  - (ii) Resistance Welding Reflow tips (Electrodes) - 250 Nos.
- a) ECIL reserves the right to increase or decrease or modify the indented quantity, before release of Purchase Order to suit the actual requirements of the project.

### 2.00 Technical Specifications of Spot welding machines:

**Requirement:** Battery Cells, AA size should be connected in series with a Nickel tab to nickel plated cap. The size of the nickel tab is about 10 mm length, 0.15 mm thick and 3 to 4 mm width. This can be done with a suitable Spot welding machine with suitable weld head and electrode.

#### Broad specifications Spot Welding /Resistance Welding Machine (Battery Pack) – 4 Nos.:

- Mains Power supply : 230 VAC/60Hz, Single phase
  - Weld current range : 0.3 to 5 KVA (Peak)
  - Weld current resolution : 0.1 KVA (Peak)
  - Weld Current Pulse width : 8 ms, fixed
  - Weld function : Dual pulse
  - Maximum duty cycle : 4 welds per sec
  - Control system : Processor controlled to provide highly stable output, independent of input voltage fluctuations and consistent energy delivery from weld to weld
- i) Precision parallel gap Welding head with foot switch and accessory cable set – 4 Nos.
- Actuation : Foot actuated
  - Weld Force Low Range : 1 to 5 Kg.
  - Weld Force High Range : 10 Kg.
  - Electrode diameter : 3.00 mm/0.125 inch to 6.0 mm/0.25 inch
  - Weld ON/OFF switch : Yes, required

- Alarms : Low weld current indicator
- Timing control : Automatic

- ii) Resistance Welding Reflow tips 6mm/0.25 inch dia. (Straight electrodes) (Qty -250 Nos.)
- GLIDCOP AI-20: dispersion strengthened Copper 0.4% Aluminum Oxide: 80 B Rockwell hardness
  - 89 % conductivity
  - Length : 2 inches

**Supplier is free to provide their latest models with tech specs equivalent to the above machine. Suitability of machine, weld heads, transformers and tips should be provided.**

#### Brief requirements

- a. The suppliers must provide details of specifications of the machine offered to establish their suitability including special features, if any.
- b. The supplier should provide detailed technical catalogues along with their offer
- c. Two years onsite warranty should be included
- d. Two sets of O & M manuals should be provided along with equipment. All the literature and documentation should be in English
- e. Flexible power cables
- f. FAT certificates
- g. Valid calibration certificates from reputed laboratory along with test results should be provided at the time of supply.
- h. AMC charges should be specified for a period of 3 years from the date of expiry of two year warranty

2.10 Security Deposit in the form of Bank Guarantee of 10% value of Purchase Order from the Nationalized/ Scheduled Banks for the warrantee period should be submitted along with the Bill.

#### 3.00 Terms and Conditions:

3.01 All the items are to be inspected individually by you before dispatch. Please send your self inspection certificates conforming to the Specifications/Technical brochures along with consignment.

3.02 All the items should be free from defects.

3.03 The defective/damaged material should be replaced at free of cost.

- 3.04 Acceptance of the supplies will be based on successful tests to be conducted at ECIL as per acceptance test the procedure to be finalized mutually.
- 3.05 **Terms of Payment:** 100% Payment will be made within 60 days of the receipt and acceptance of material along with 10% B.G.
- 3.06 **Duties & Taxes:** Excise Duty, Sales tax and other taxes as applicable for supplies provided. The taxes not indicated specifically in the bid, will be to the bidder's /vendor's account are mentioned in price bid along with the current rates.
- 3.07 **Delivery and Liquidate Damage:** Delivery schedule is the essence of the contract. Supplier should be in a position to supply the Machines with the specified schedule. In the event of any delay in the agreed delivery schedule, liquidated damages will be recovered @ 0.5% per week of delay or part there of subject to a maximum of 10% of the value of the order.
- 3.08 **Risk Purchase and Cancellation Clause:** In any of the above event termination will be without compensation to the Successful Bidder, and that such termination will not prejudice or affect any right of action or remedy, which has accrued or will accrue hereafter to ECIL. The Bidder shall be responsible for the difference in prices of new contract for services and ECIL price up to a maximum of 25% of ECIL price for such services, purchased elsewhere.

4.00 Time Schedule of various Bid related events:

1. Bid Issue date	26-08-2015
2. Last date for receipt of request for clarifications from Bidders	05-09-2015
3. Last date for clarifications from ECIL	08-09-2015
3. Due date for submission of Quotation / Bids	17-09-2015 at 14.00 Hrs.
4. Opening the Techno commercial Criteria	17-09-2015 at 14.30 Hrs.
5. Due date for opening of Price bids	Will be intimated
6. Contact person and address for submission of Quotations / Bids.	Dy. General Manager, Purchase Components Division, RCD Building M/s. Electronics Corporation of India Ltd., ECIL Post, Hyderabad - 500 062. Telangana, India. Phone : +91 40 2718 2248/2718 6895 FAX: + 91 040 27120288/27120495 E-Mail: <a href="mailto:cdpurchase@ecil.co.in">cdpurchase@ecil.co.in</a>
Reference No.	ECIL/CD/PUR/03-0400/Q

5.00 Documents Constituting the Bid:

The bid prepared by the Bidder shall comprise the following components:

- i) **Techno-Commercial Criteria:** Techno Commercial Criteria should contain all technical and commercial details and Company profile, etc., but without PRICE. However, commercial terms like price bids, delivery terms, mode of dispatch, taxes applicable and payment terms should be included.
- ii) **Price Bid:** Price Bid should include price only. Price shall be indicated in figures and words.
- iii) All information called for like, Techno Commercial Criteria and Price Bid should be submitted in 2 separate sealed envelopes. Two (2) sealed envelopes should be kept in an outer cover and sealed. The

outer cover and the inner envelopes/covers should be super scribed with details like addressee, Tender reference, last date/time for submission and bidder's address.

#### **6.00 Techno-Commercial Criteria:**

6.01 The Bidder Organization has office and should be operating for the last 3 years.

6.02 The Bidder Organization should submit profile of the Organization with details of offices contact persons with address, phone numbers, email IDs etc.

6.03 The Bidder shall attach Certificate of Incorporation / Registration with Industries Dept. / MSME Registration / Central Excise Registration / Service Tax Registration No. / IT Permanent Account No. (PAN), / Sales Tax Registration No. with relevant certificates (Photo copies).

6.04 The Bidder must have qualified staff for the production of high volume of Spot Welding Machines. Bidder shall enclose the man power profile of their organization i.e., List of Qualified Staff / Experience and Tenure of Service with Bidder with documentary proof.

6.05 Bidder shall provide experience list and list of customers including customer certificate for the past supplies.

#### **6.06 Earnest Money Deposit (EMD):**

The bidder must submit an EMD (Earnest Money Deposit) of Rs. 1,20,000/- (Rupees One Lakh twenty Thousand only) by way of a demand draft from any Nationalized / Scheduled bank drawn in favour of M/s ECIL, payable at Hyderabad. EMD will be Non-interest bearing.

- i) Unsuccessful bidder's EMD will be returned after the successful bidder provides an order acknowledgement and SD.
- ii) The successful bidder's EMD will be returned after the bidder's acceptance of Purchase Order and submission of security deposit.
- iii) The EMD may be forfeited.
  - a) If a Bidder withdraws the bid during the period of bid validity specified by the bidder in the Bid Form (OR)
  - b) In case of successful bidder fails to accept the Purchase Order and submit security deposit within 15 days of the release of PO.

6.07 Comprehensive action plan to execute the order with reference to this bid shall be enclosed along with the bid.

6.08 The Bidder shall submit a clause – wise compliance statement confirming the acceptance of all the terms and conditions of this tender document.

6.09 Validity of the bid shall be 90 days from the date of bid submission.

6.10 Non-compliance with any of the requirements covered in the Techno Commercial Criteria will lead to disqualification of the Bid.

## 7.00 Instructions to Bidders.

### 7.01 Deadline for submission of Bids.

The bids must be received by ECIL at the address specified, not later than the scheduled time on the due date of receipt of tenders as specified under **Clause mentioned above**. In the event of the specified date for the submission of Bids being declared a Holiday for ECIL, the bids will be received up to the specified time on the next working day.

### 7.02 Late Bids.

Any bid received after the deadline for submission of bids prescribed by ECIL will be liable to be rejected. It will be the bidder's responsibility to ensure that the bids are submitted at the correct delivery address and before the bid closing time & date.

### 7.03 Bid opening and evaluation of Bids.

All the technical bids received before due date and time will be opened at CD Purchase, ECIL. Technical evaluation will be carried out by the Technical Committee of ECIL to assess and finalize the technically acceptable bidders. The price bids of only the technically acceptable bidders will be opened. The lowest bidder in the price bid shall be the 1<sup>st</sup> short listed bidder for the supply. ECIL reserves the right to reject technical bid, if found not suitable, without assigning any reasons.

### 7.04 Clarification of Bids.

During evaluation of bids, the ECIL may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and response shall be in writing.

### 7.05 ECIL shall have right to accept any bid and to reject any or all bids.

### 7.06 ECIL reserves the right to verify the validity of the bid information, and to reject any bid where the contents appear to be incorrect, inaccurate or inappropriate.

### 7.07 ECIL shall have the right to cancel the RFQ process at any time prior to award of contract without assigning any reasons.

### 7.08 Order will be placed on L1 supplier.

### 7.09 The final decision of allotment of quantities of orders rests with ECIL.

## 8.00. INTIMATION OF AWARD OF PURCHASE ORDER:

### 8.01 Prior to expiry of the period of bid validity, ECIL will notify the successful bidder in writing, by registered letter / by fax / email.

## 9.00 TERMINATION

ECIL may, without prejudice to any other remedy, by written notice of termination, terminate the contract, in whole or part, without any liability to ECIL whatsoever, if:-

- a. The progress is not satisfactory in terms of quality, quantity and time
- b. The Bidder fails to deliver any or all of the Machines within the period specified in the contract, or within any extension thereof granted by the ECIL pursuant to conditions of contract or if the Bidder fails to perform any other obligations under the contract;

## 10. TERMINATION FOR INSOLVENCY

ECIL may at any time terminate the Contract by giving written notice to the Bidder, if the Bidder becomes bankrupt or otherwise insolvent. In this event termination will be without compensation to the Bidder, provided that such termination will not prejudice or affect any right of action or remedy, which has accrued or will accrue hereafter **to ECIL**.

## 11. RESOLUTION OF DISPUTES AND ARBITRATION

- (i) All disputes arising between the Parties hereto out of or in connection with this contract shall be amicably settled between the Parties. Where the Parties hereto fail to settle the disputes amicably, within ninety (90) days of the written notice of its existence given by either Party to the other, then such dispute shall be settled by arbitration by a sole Arbitrator appointed by Director (Personnel), ECIL in accordance with the provisions of Arbitration & Conciliation Act 1996 and Rules. Sole Arbitrator may be one of the officials of ECIL for which the Contractor shall not have any objection. The arbitration proceedings shall take place in Hyderabad and language shall be English for Arbitration proceedings.
- (ii) The court of GHMC (Kapra Circle) shall only have competent jurisdiction.