ELECTRONICS CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
COMPONENTS DIVISION – PURCHASE.

EVM POWER PACKS PROJECT

REQUEST FOR EXPRESSION OF INTEREST

FOR SUPPLY OF EVM – POWER PACKS

(PLASTIC BOXES WITH METAL CONNETING PARTS INSIDE)

12th OCTOBER 2015

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

Tel: 0091 40 2718 6393
0091 40 2718 2248
0091 40 2712 2569
FAX: 0091 40 2712 2208
0091 40 2712 0495

Our Reference No: ECIL/CD/PUR/03-5663/Q **Date:12.10.2015**

SCOPE:

1.1 Purpose:

Electronics Corporation of India Limited (ECIL) Hyderabad is manufacturing 'Electronic Voting Machines', which requires Power packs for recording the votes polled.

1.2 Invitation:

ECIL invites EXPRESSION OF INTEREST (EOI) from interested parties for fabrication and supply of Plastic Boxes for EVM Power Packs as per the specifications given by ECIL in page No.3 and drawings given in page No 4 to 11. The product offered by the interest bidders shall strictly meet the specifications given by the ECIL. As the final product (EVM Power Pack) has to be used for Election Process, the product offered by the interest parties must meet the Technical Specifications in all respects.

Interested manufactures shall have following facilities.

i) Large scale moulding facility for moulding Plastic Boxes consisting of Housing and Lid. The facility should have provision for back up power (Generator).
ii) Fabrication/Press Components manufacturing facility to make required Plastic Injection Moulding Tools /Press Tools for punching/bending/crimping - Components with PVC wires, etc.
iii) To get the metal parts tinned from 'Metal Finish shop'.
iv) If required ECIL would Inspect the moulding/manufacturing facility of the bidder.
v) Interested Party can visit ECIL to see the EVM Power Pack Plastic Boxes at the given address, for assessment of material required and job involved before preparing and submitting offer as per this EOI.

1.3 Description & Requirement of Power Packs:

ITEM	QUANTITY
POWER PACKS	**4,00,000 Nos.**

a) In case of change in requirement of Power Packs, ECIL may increase or decrease quantity to be ordered by (+/-20%), while entering into contract to suit the actual requirements of the project.

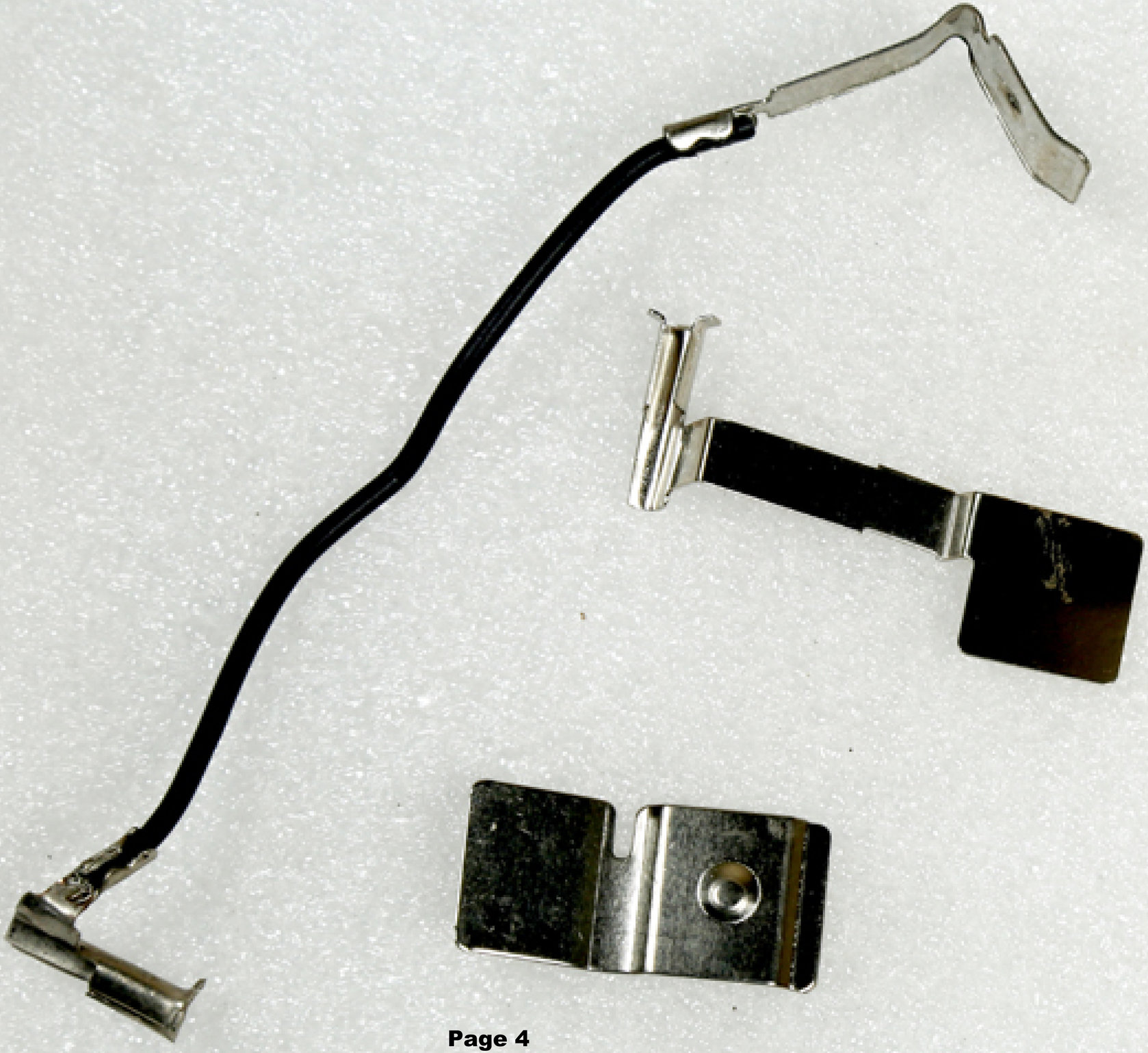
2. Specifications of Power Packs:

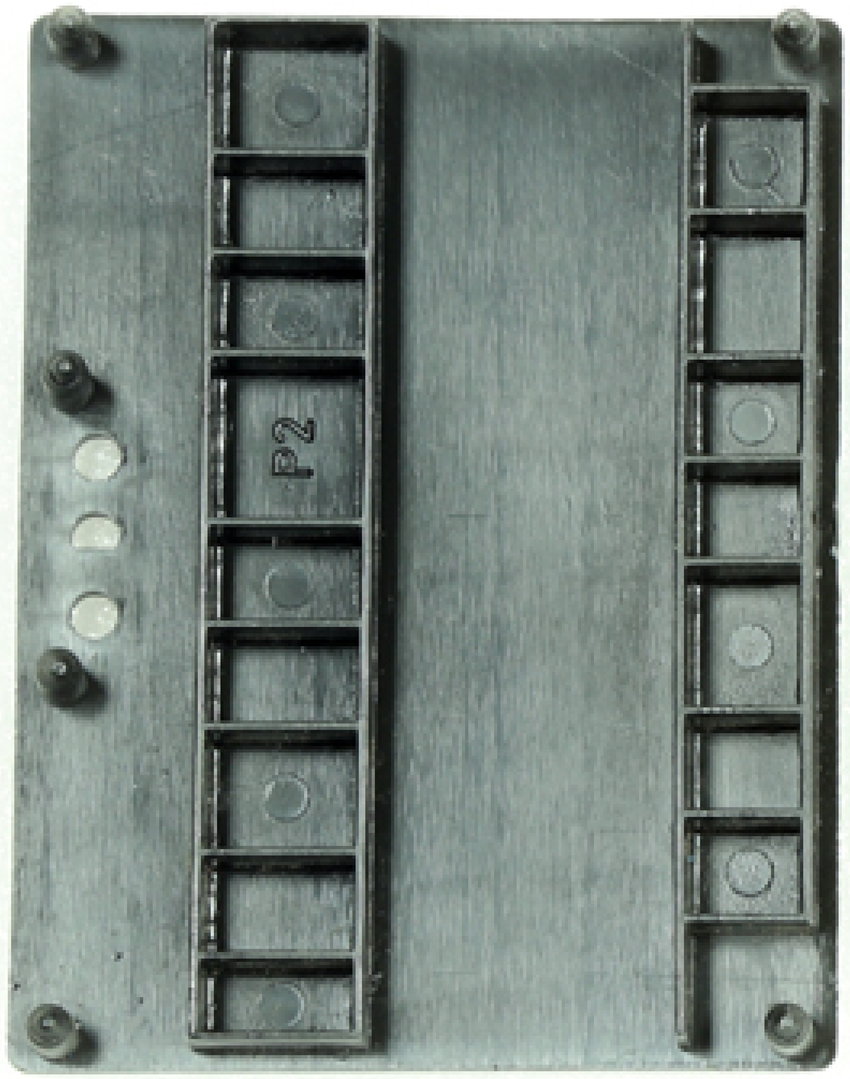
Fabrication, Moulding, assembly and supply of EVM Power Packs (Plastic and Metal Parts & Assembly) consisting of:

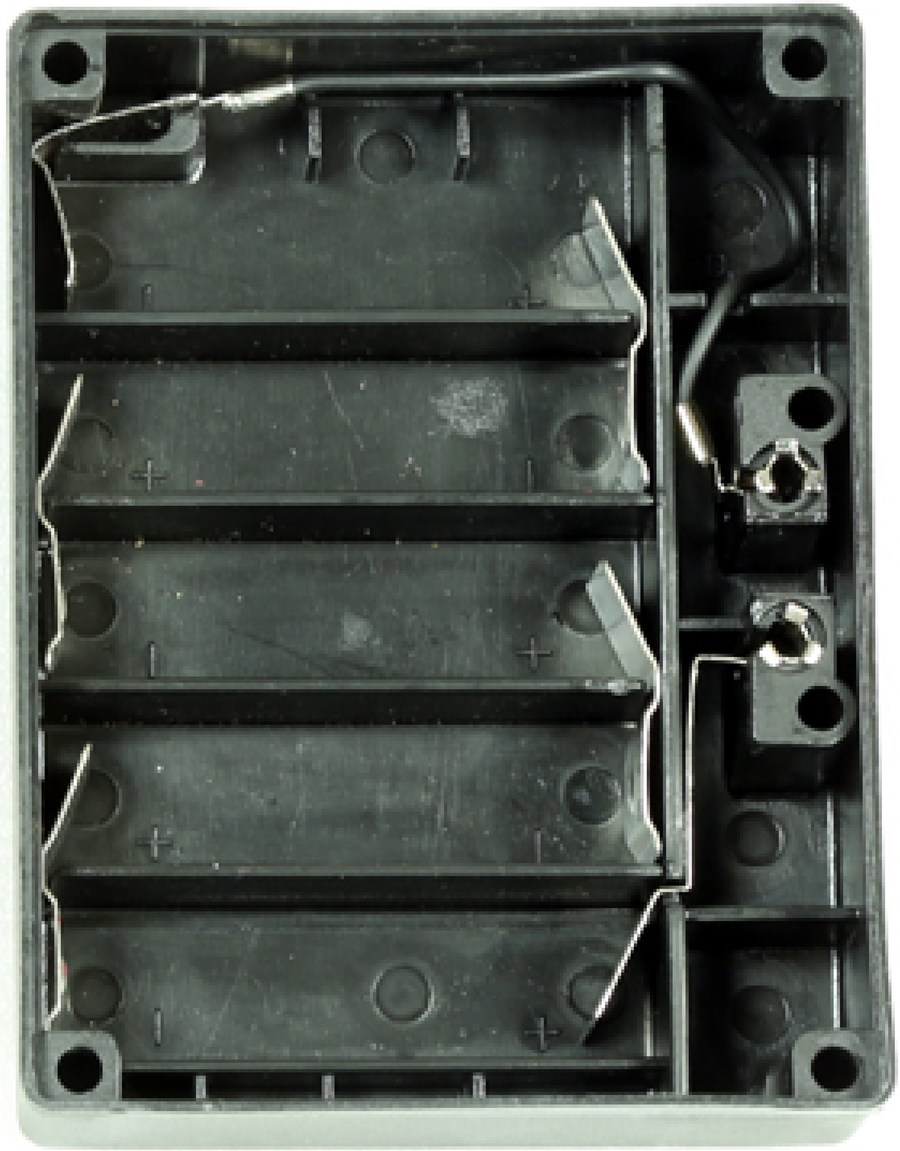
S. No.	Description of Parts	Drawing No.	Qty. reqd. per Box
1	Housing	03 – G – 388 – 01M	1 No.
2	Lid	03 – G – 388 – 02M	1 No.
3	Cell Connector 1	03 – G – 388 – 03	2 Nos.
4	Cell Connector 2	03 – G – 388 – 04	1 No.
5	Socket Pin (+)	03 – G - 388 – 06	1 No.
6	Socket Pin (-)	03 – G – 388 – 05	1 No.
7	Cell Connector & Socket Pin (-) Sub Assembly includes PVC insulated tinned copper wire of size: 12/32 or 14/32: Black colour, 8 Cms. Long, crimped with socket pin (-) ve one side & cell connector other side.	03 – G – 388 – SA-01	1 set

3. List of Drawings as per above Table:

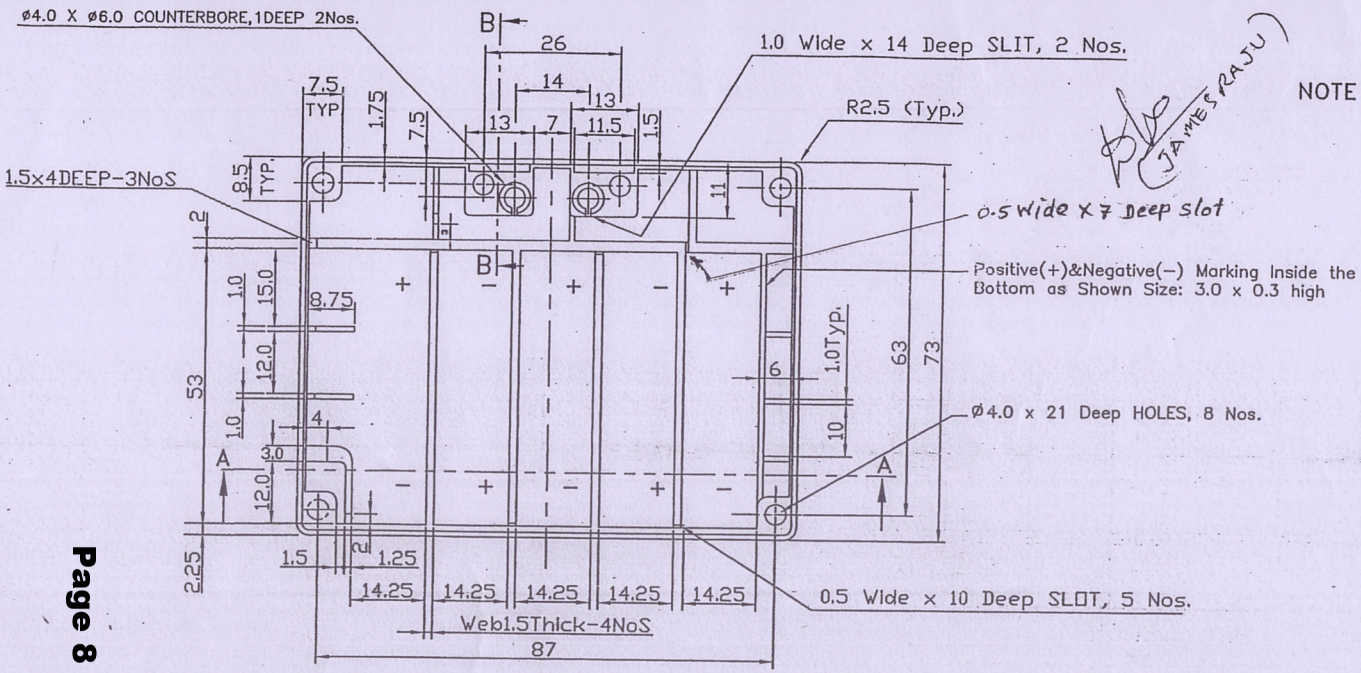
Bidders is supposed to submit their quotes after carefully examining the drawing and photographs as provided by ECIL for the Plastic Boxes required for manufacturing of the EVM Power Packs, which are given in the following pages.




P2

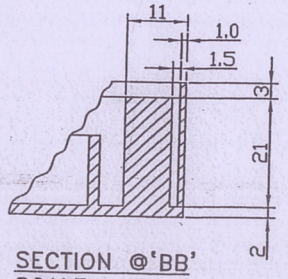


POWER PACK 7.5V 2Ah
FOR ELECTRONIC VOTING MACHINE
Components Group
Electronics Corporation of India Limited
HYDERABAD - 500 062 A.P.

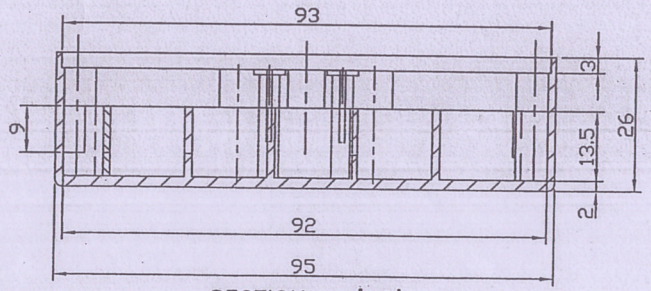


NOTE :

PART SHALL BE FREE FROM FLASHES AND BURR



SECTION @'BB'
SCALE:– 1:1



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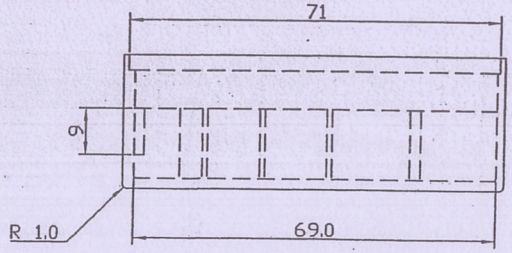

QTY.: 1 No. / SET

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REV.No.	AMENDMENTS	CHANGED ON	SIG.

REV.No.	AMENDMENTS	CHANGED ON	SIG.

ALL DIMENSIONS ARE IN mm.

DGN.	JAMES	REF.
DRN.	JAMES	
CHD.		
APPD.		

GEN. TOL.
IS: 2102 MED.
UNLESS SPECIFIED

DATE 30.07.2013

SCALE 1:1

TITLE: HOUSING
EVM POWER PACK

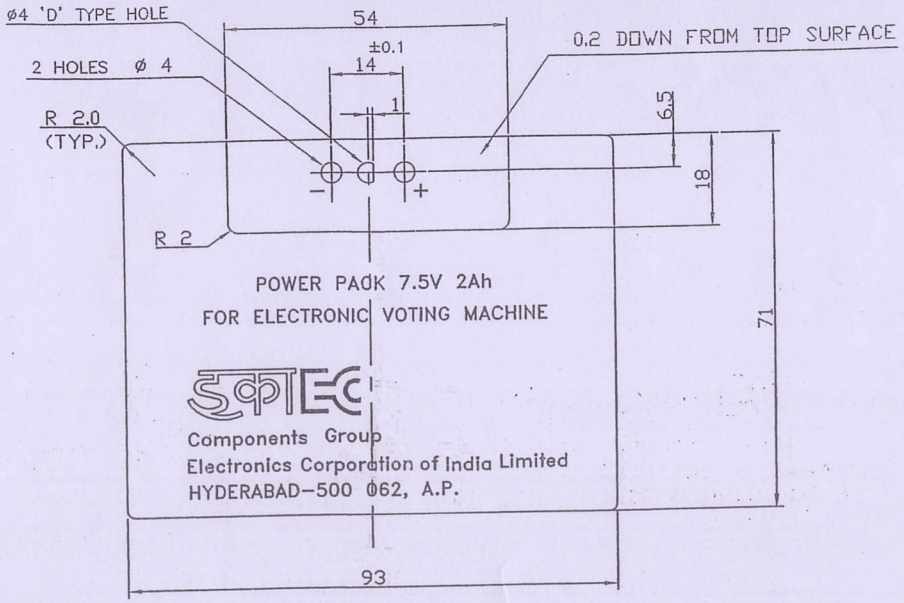
MATL: POLYPROPYLENE IN EC GREY COLOUR

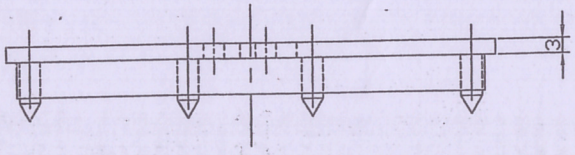
FINISH: MATTY FINISH

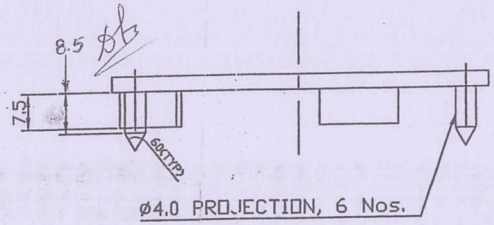
SpEC Components Group
Electronics Corporation of India Limited

DRG. No. 03-G-388-01 A3

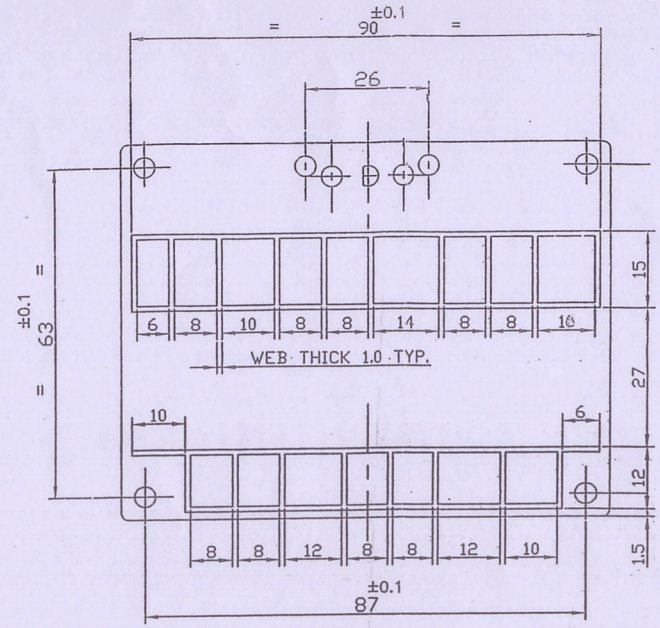
REV.No 0 1 2 3 4 5 6 7 8 9 SHT OF







ø4.0 PROJECTION, 6 Nos.



REAR PLAN

NOTE:

1. PART SHALL BE FREE FROM FLASHES & BURR.
2. LETTER SIZE FOR EMBLEM 10.0
3. LETTER SIZE FOR OTHER MATTER 3 & 2.5 RESPECTIVELY.

QTY: 1No./Set.

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REV.No.	AMENDMENTS	CHANGED ON	SIG.

ALL DIMENSIONS ARE IN mm.

DGN.	JAMES	REF.
DRN.	JAMES	
CHD.	31.7.13	
APPD.	31/7/2013	
GEN. TOL. UNLESS SPECIFIED	±0.1	DATE 30.7.2013
		SCALE 1:1
MATL:	POLYPROPYLENE IN EC GREY COLOUR	
FINISH:	MATTY FINISH	

TITLE: LID
EVM POWER PACK

Components Group
Electronics Corporation of India Limited

DRG. No. 03-G-388-02 A3

REV.No 0 1 2 3 4 5 6 7 8 9 SHT OF

Page 9

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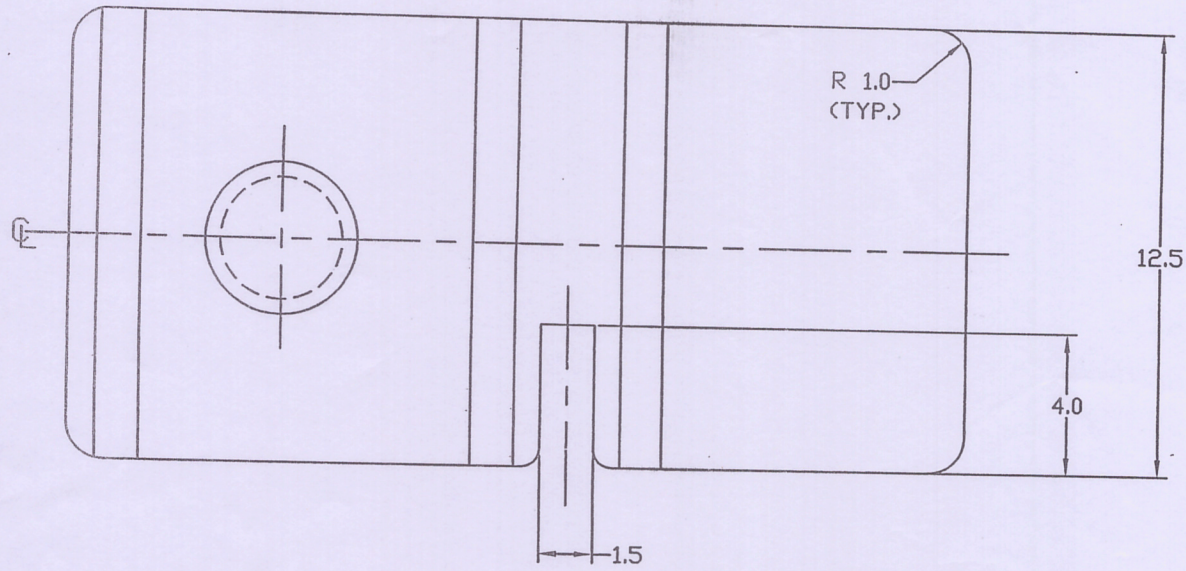

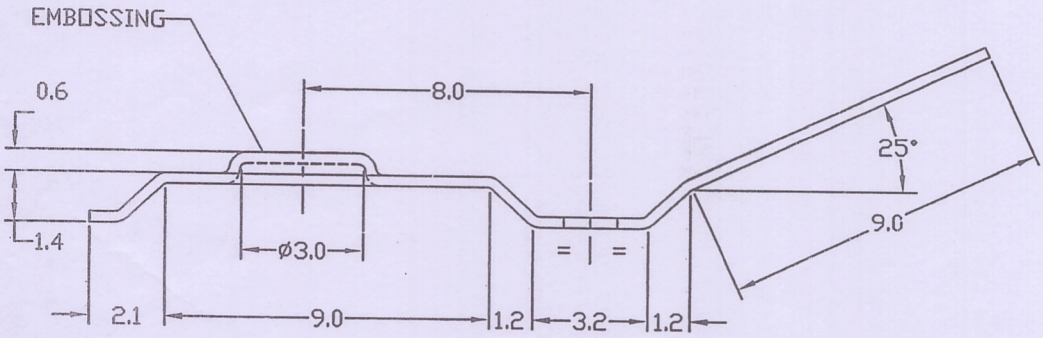

TYPE	DESCRIPTION	QTY.
1	4.0x1.5 SLOT AS SHOWN	2
2	4.0x1.5 SLOT ON OPPOSITE SIDE	2

REV.No.	AMENDMENTS	CHANGED ON	SIG.

ALL DIMENSIONS ARE IN mm

DGN	JAMES	REF:
DRN	JAMES	
CHD.	31.7.13	
APPD.	31/7/2013	

GEN.TOL. IS: 2102 MED. UNLESS SPECIFIED

DATE: 15-3-2000

SCALE 5 : 1

TITLE: CELL CONNECTOR 1
EVM POWER PACK

MATL: PH. BRONZE, 0.417 THK.(27 SWG)

FINISH: Electro Tin Plating (8 to 10 microns Thick)

Components Group
Electronics Corporation of India Limited

DRG.No. 03-G-388-03 A4

REV.No. 0 1 2 3 4 5 6 7 8 9 SHT. OF

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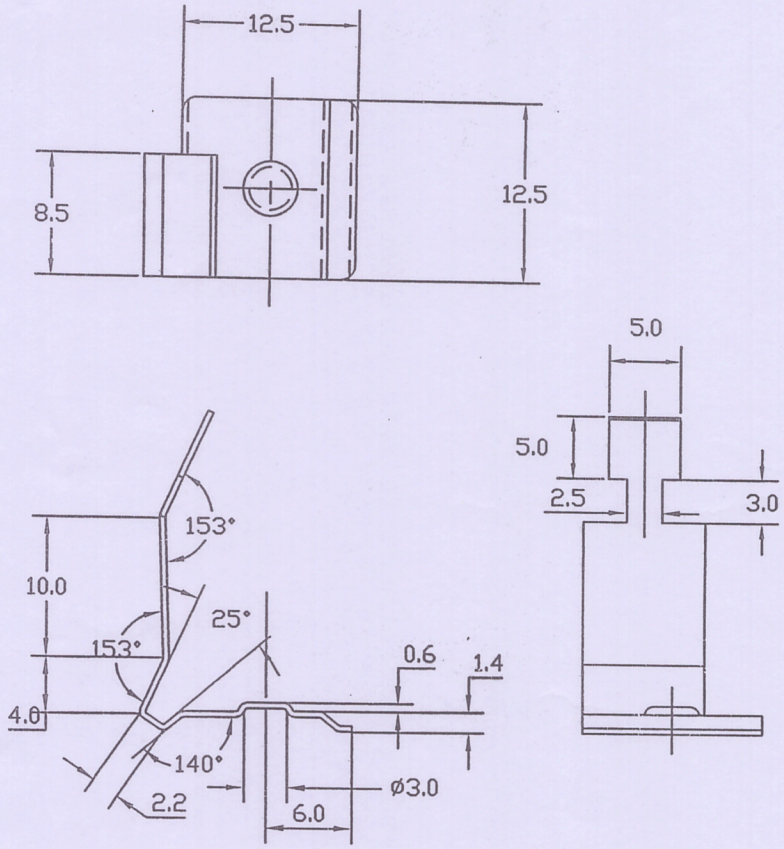

QTY:- ONE/SET

REV.No.	AMENDMENTS	CHANGED ON	SIG.

ALL DIMENSIONS ARE IN mm

DGN	JAMES	REF:
DRN	JAMES	
CHD.	31.7.13	
APPD.	31/7/2013	

GEN.TOL. IS: 2102 MED. UNLESS SPECIFIED

DATE:30.07.2013

SCALE 2:1

TITLE: CELL CONNECTOR 2
EVM POWER PACK

MATL: PH. BRONZE, 0.417 THK. (27 SWG)

FINISH Electro Tin Plating (8 To 10 microns Thick)

SCPTEC Components Group
Electronics Corporation of India Limited

DRG.No. 03-G-388-04 A4

REV.No. 0 1 2 3 4 5 6 7 8 9 SHT. OF

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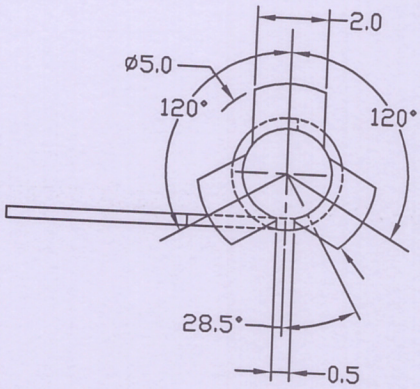

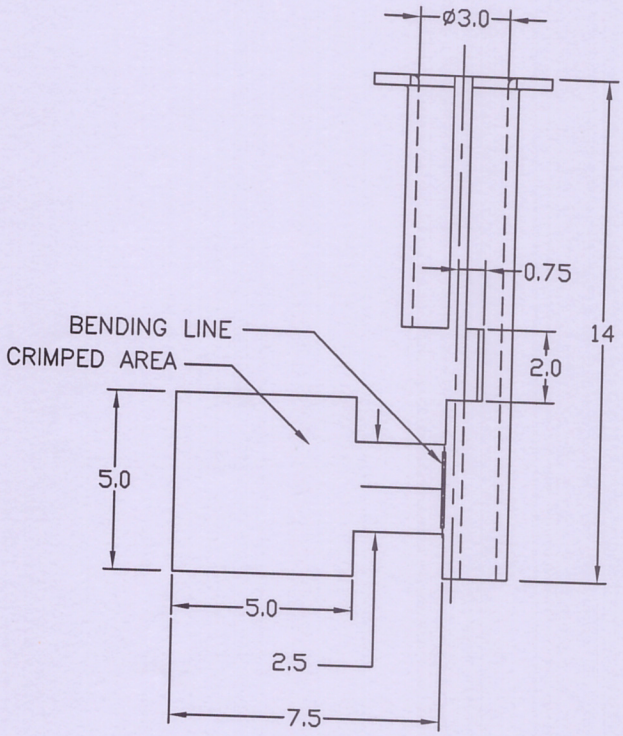

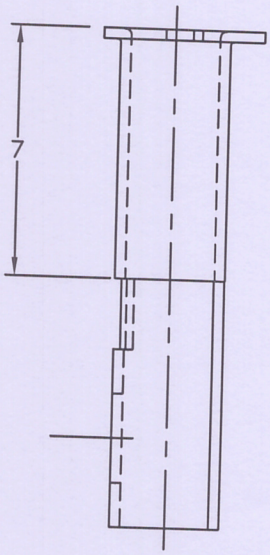

QTY. : 1 No. / SET

REV.No.	AMENDMENTS	CHANGED ON	SIG.

ALL DIMENSIONS ARE IN mm

DGN		REF:
DRN	KRR	
CHD.		
APPD.		

GEN.TOL.
IS: 2102 (MED)
UNLESS SPECIFIED

DATE:15-3-2000

SCALE 5 : 1

TITLE: SOCKET PIN (–)
EVM POWER PACK

MATL: PH. BRONZE, 0.3 THK.

FINISH: Electro Tin Plating (8 To 10 microns Thick)

Components Group
Electronics Corporation of India Limited

DRG.No. 03-G-388-05 A4

REV.No. 0 1 2 3 4 5 6 7 8 9 SHT. OF

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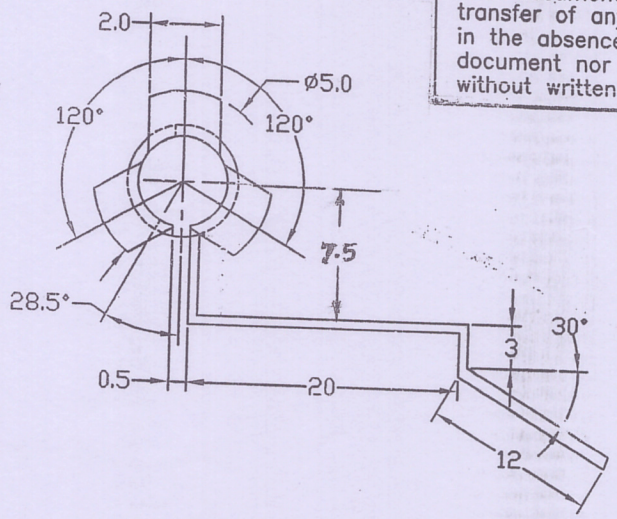

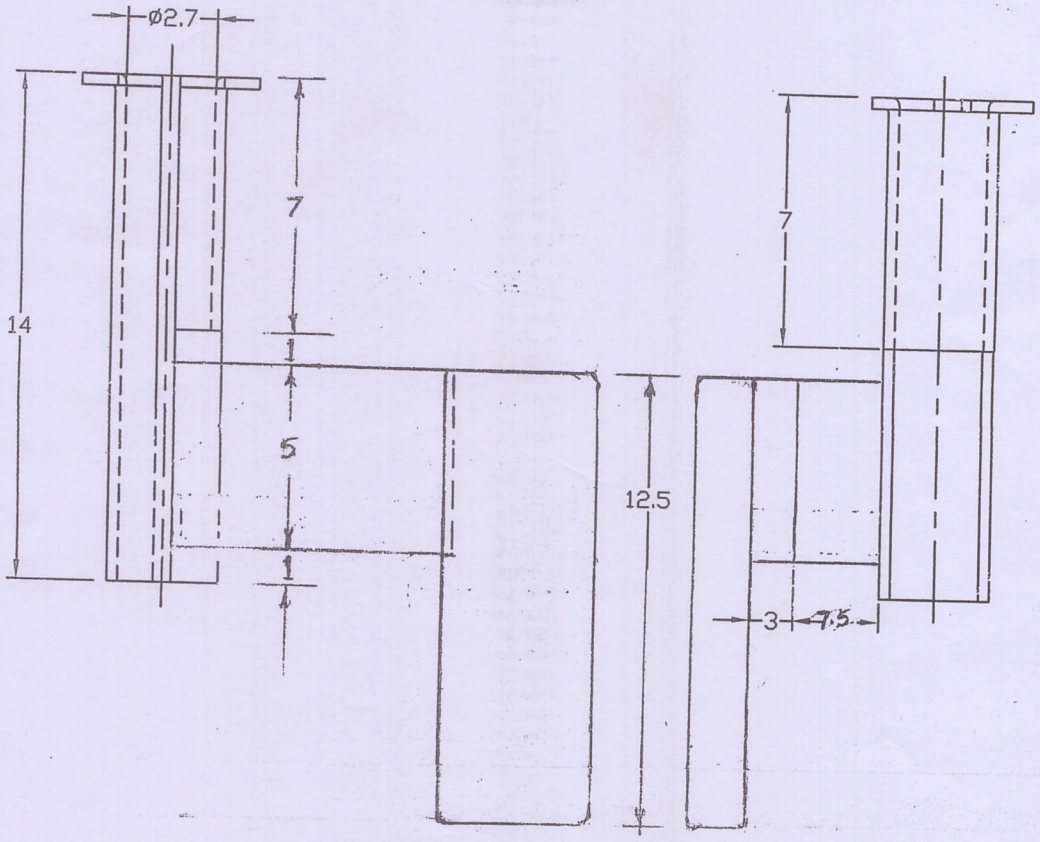

QTY. : 1 No. / SET

REV.No.	AMENDMENTS	CHANGED ON	SIG.
	Modified on 10-09-2013		D.JAMESPAUL

ALL DIMENSIONS ARE IN mm

DGN	JAMES	REF:
DRN	JAMES	
CHD.		
APPD.	[illegible]	

GEN.TOL. IS: 2102 (MED) UNLESS SPECIFIED

DATE: 30.7.2013

SCALE 5 : 1

TITLE: SOCKET PIN (+)
EVM POWER PACK

MATL: PH. BRONZE, 0.3 THK.

FINISH: Electro Tin Plating (8 To 10 microns Thick)

Components Group
Electronics Corporation of India Limited

DRG.No. 03-G-388-06 A4

REV.No. 0 1 2 3 4 5 6 7 8 9 SHT. OF

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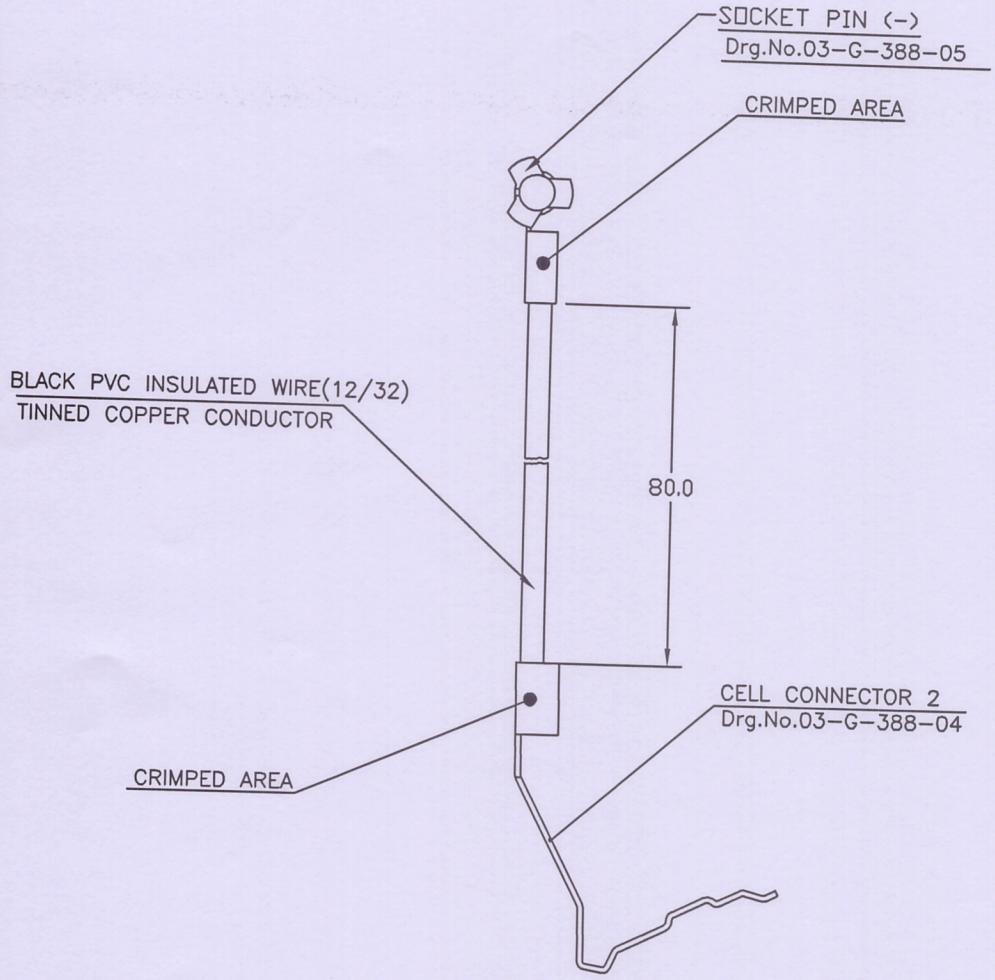

QTY. : 1 No. / SET

REV.No.	AMENDMENTS	CHANGED ON	SIG.

ALL DIMENSIONS ARE IN mm

DGN		REF:
DRN	MCSR	
CHD.		
APPD.		

GEN.TOL.
IS: XXXX
UNLESS SPECIFIED

DATE:12.07.2001
SCALE 2:1

TITLE: CELL CONNECTOR & SOCKET PIN(-) SUB ASSY.
EVM POWER PACK

MATL: ---

FINISH ---

Components Group
Electronics Corporation of India Limited

DRG.No.
03-G-388-SA-01 A4

REV.No. 0 1 2 3 4 5 6 7 8 9 SHT. OF

4. Terms and Conditions:

4.1 Item No.1 & 2 above shall be made out of virgin grade polypropylene granules and black master batch of reputed brand. The weight of housing & Lid put together should be 60 +/- 2 gms.

4.2 The cell connector Sl. No. 3 to 6 above (In Table) is to be fabricated using spring quality Phosphorous Bronze Grade-III material.

4.3 The cell connectors Sl. No. 3 to 6 (In Table) are to be electro tin plated of 8 to 10 micron thickness.

4.4 PVC insulated tinned copper wire should be of reputed brand.

4.5 All the items should be free from burr/flash.

4.6 The items under Sl. No. 3 to 6 are to be assembled in the housing (In Table). Lid should be kept on the housing upside down such that to make a set and supply.

4.7 Corrugated cardboard boxes of 5 ply 150 GSM virgin craft paper should be used for packing of finished Plastic Boxes and transport the same to ECIL Factory.

4.8 All the items are to be inspected individually by the supplier before dispatch. Supplier has to send self certification of the quality of EVM Plastic Boxes along with each consignment.

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

4.10 The required tooling/mould is to be procured / made at your own (bidder's) cost.

4.11. Supply of Plastic Boxes for Power Packs should be as per the specifications given in the drawings/photographs in the previous pages.

4.12. **Inspection:** The inspection of the raw material supplies shall be carried out before accepting the same for production. Supplier has to ensure that the supplies are in conformity with the specifications mentioned in the drawings.

4.13 Acceptance of the supplies will be based on successful tests conducted at ECIL such as

i) Physical Appearance, finish, color etc
ii) Continuity between the Terminals,
iii) Specified Voltage across the Terminals,
iv) Drop Test Cells loaded Box,
v) Bump Test of Cells loaded Box, etc.

4.14 **Terms of Payment:** ECIL will make 100% Payment to the supplier will be made within 60 days after receipt and acceptance of material for each lot supplied.

4.15 Duties & Taxes: Tax Duties and all other Government levis are as applicable at actual for all the supplies made. Bidder has to clearly mention in the **Price Bid** whether the quoted rates include Tax and Duties or the same are payable extra. Also the present Tax rates

shall be mentioned in price bid. In absence of any declaration about the Tax and Duties, it will be assumed that the Rates are inclusive of Tax and Duties at the rates prevailing on the date of opening of EOI.

4.16 Delivery and Liquidate Damage: Maintaining Timely Delivery is the essence of the contract. Bidders shall submit Samples for approval within 30 days from the date of release of Order. Once the order is placed the successful bidder should be in a position to supply a minimum of 1.25 lakh plastic boxes for the power packs every month. In the event of any delay in the agreed delivery schedule, liquidated damages will be recovered @ 0.5% per week of delay or part thereof subject to a maximum of 10% of the value of the order. Delivery is to be made at ECIL-Hyderabad or ECIL-Tirupathi as per requirement.

5. Time Schedule of various EOI Bid related events:

1. Bid Reference No.	ECIL/CD/EVM/PUR/03-5663/Q/PPKS-BOX
2. Bid Issue date	12.10.2015
3. Last date for receipt of request for clarifications from Bidders	20-10-2015
4. Last date for clarifications from ECIL	26.10.2015
5. Due date for submission of EOI	09.11.2015 14.30 Hrs.
6. Opening the Techno commercial Criteria	09.11.2015 at 15.00 Hrs.
7. Due date for opening of EOI – Price Bid	Will be intimated
8. Contact person and address for submission of EoI	Dy. General Manager, Purchase Components Division, RCD Building M/s. Electronics Corporation of India Ltd., ECIL Post, Hyderabad - 500 062 Telangana State, India. Phone : +91 40 2718 2248/2718 3894 FAX: + 91 040 27120288/27120495 E-Mail cdpurchase@ecil.co.in

6. Documents Constituting the EOI:

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

i)Techno Commercial Criteria, which should contain commercial terms and Company profile, etc., .

ii) **Price Bid:** Price Bid should be given for a batch quantity of 50,000 to 1,00,000 plastic boxes, 1,00,000 to 2,00,000 plastic boxes, 2,00,000 to 4,00,000 and 4,00,000 and above plastic boxes. Other commercial terms like basis of price, delivery terms, mode of dispatch. ECIL is proposing the payment term as mentioned in clause 4.14. Price shall be indicated both in figures and words. Price is to be quoted for Delivery at ECIL Hyderabad and ECIL Tirupathi separately.

iii) All information called for, such as 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.

7. Techno-Commercial Criteria:

7.1 The Bidder must be a Registered Company/firm in India and should be operating in India for the last 3 years.

7.2 The Bidder should submit his profile of the company/firm with details of site offices and registered office and photos of manufacturing facility, contact persons with address, phone numbers, email IDs etc. The Bidder must have qualified staff for the production of high volume of Plastic Components with metal parts. Vendor 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 / PF /ESI (Registration & Challans paid - photo copies) implementation.

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

7.4 The Bidder should have produced and supplied similar moulded components to MNCs/ Reputed Companies/Government Department/PSUs. Performance certificate/PO copies from the clients shall be submitted as proof of supply.

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

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

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

7.8 The Bidder shall have a Turnover / Net worth of minimum Rs. 50 lakhs during any one of the last two financial years. (Copies of Audited statements of Accounts i.e., Balance sheet / Profit & Loss A/c certified by their appointed statutory auditor must be provided).

7.9 Non-compliance with one or more of the requirement covered in the Techno Commercial Criteria will lead to disqualification of the Bid.

8. TERMS AND CONDITIONS:

8.1 Authorized Signatory: All certificates and documents received as part of the offer shall be signed by the Authorized Representative of the bidder Company/firm/agency. The power or authorization, or any other document consisting of adequate proof of the ability of the signatory to bind the Company/Firm/agency shall be submitted when demanded by ECIL. The compliance to the EOI clauses shall be signed by an authorized person of the Bidder Company/firm/agency**.**

8.2 Cost of EoI: The Bidder shall bear all costs associated with the preparation and submission of offer against this EoI, including cost of presentation for the purposes of clarification of the offer.

6.3 Amendment of EoI: At any time prior to the last date for receipt of offers, ECIL may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the EoI document by an amendment. In order to provide prospective bidders reasonable time to take the amendment in to account in preparing the offer, ECIL may, at its discretion, extend the last date for the receipt of offers and/or make other changes in the requirements set out in the Invitation for EoI.

6.4 Accessibility of EOI Document: Complete EoI document with terms and conditions is provided in the following websites:

- http://www.ecil.co.in

- http://www.tenders.gov.in

Interested Companies/ OEMs and Indian Agents of foreign suppliers are requested to send their proposals in sealed envelope super-scribing the envelope as "Expression of Interest (EoI) for selection of suppliers for supply of Plastic Boxes for EVM Power Packs" on or before 09/11/2015 to the address provided.

8. Instructions to Bidders.

8.1 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 5.** 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.

8.2 Late Bids.

Any bid received after the deadline for submission of bids prescribed by ECIL will 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.

8.3 Bid opening and evaluation of Bids.

All the technical bids received before due date 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 1st short listed bidder for the supply. The 2nd short listed bidder must be next lowest in price bid.

ECIL reserves the right to reject technical bid, if found not suitable, without assigning any reasons.

8.4 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.

8.5 ECIL shall have right to accept any bid & to reject any or all bids.

8.6 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 in the ECIL's estimation.

8.7 ECIL shall have the right to cancel the EOI process at any time prior to finalization without assigning any reasons to bidders.

8.8 Quotations for the Items for which EOI is called for, will only be accepted.

8.9 If awarded a contract to supply at a later date, bidders shall submit Certificate of compliance (Inspection Report) and Test Certificate (Raw Material) for each lot.

8.10 Short listed bidders will be kept in the panel. Order for supply of quantities of Plastic Boxes for EVM Power Packs can be given to more than one supplier. In order to have a continuous supply, the order can be given to more than one supplier provided L1 rates are matched by the willing suppliers. In case company decides to split Order among Two Suppliers, the same would be placed in 60:40 Ratio on L1 rates. If the order is to be placed on three suppliers, the same would be placed at 50:30:20 Ratio on L1 rates

9. EOI Fees:

The bidder must submit a non refundable EOI fees of Rs.2000/- (Rupees Two Thousand Only) by way of a demand draft from any Nationalized / Scheduled bank drawn in favour of M/s ECIL, payable at Hyderabad.

10**. Intimation to Qualified Bidders:**

10.1 Prior to expiry of the period validity of EOI, ECIL will notify the qualified bidders in writing, by registered letter / by fax / email.

11. Dispute Resolution: In the event of any dispute or differences shall be resolved amicably by mutual consultation. If such resolution is not possible within 30 days of the receipt of notice by the other party of the existence of such dispute, then the unresolved dispute or difference shall be referred to the arbitration of sole Arbitral Tribunal to be appointed by the Director(Personnel) of ECIL, under the provision of the Arbitration and Conciliation Act-1996. The award of the Arbitrator shall be final and binding upon parties to the dispute.

ANNEXURE-A

FORMAT FOR APPLICATION FOR EXPRESSION OF INTEREST

1. Name and full address of the Organization :	
2. Management Structure :	
3. Contact Person with designation :	
4. Contact telephone numbers and fax No. :	
5. Email address :	
6. Current operational areas of work :	
7. Turnover for last three years :	
8.Approval/registration with any Govt./Agency :	
9. Expertise in Manufacturing/Marketing of products	
10.Regular manpower available on roll :	
13.Any other credentials	
14.Acceptance of terms and conditions :	
15.No of PSU/ Government Customers during last three years	
16.No of Offices / Branch Offices	
17. Permanent Account No. (PAN)	
18.Sales Tax Registration No (TIN)	
19.Service Tax Registration No.	
20. Details of EOI Fees , such as DD No / Name of Bank / Amount	