



International Center for Free and Open Source Software

7th Floor, Thejaswini,
Technopark, Trivandrum - 695 581

Kerala, India.

Phone No: +91 471 2700013

NOTICE INVITING TENDER

For the supply of **Hardware Items**

Tender No.: ICFOSS/32/2019-TC4(IT) dated 7-3-2019

| Name of the material | Hardware Items |
|---|--|
| Warranty Period | 1 Months |
| Delivery time | Within 2 weeks |
| Availability of Tender documents | Can be downloaded from the website https://icfoss.in/ up to 18-3-2019, 02:00 PM |
| Last date & time of submission of bids | 18-3-2019 at 04:00PM |
| Date & time of opening of bids | 18-3-2019, 05:00PM |
| Warranty Period | 1 Months |
| Delivery time | Within 2 weeks |

All communications shall be addressed to the Director, ICFOSS, 7th Floor, Thejaswini, Technopark, Trivandrum - 695 581, Kerala, India.



The bid documents and other details may be down loaded from the website <https://icfoss.in/announcements/tenders>. All Bid documents are to be submitted as hardcopy and in the designated covers/envelops on the below address. Only manual submission shall be entertained. Late submissions will not be considered

The Director

7th Floor, Thejaswini,
Technopark, Trivandrum - 695 581
Kerala, India.
Phone No: +91 471 2700013
Email : info@icfoss.in

A handwritten signature in blue ink, appearing to be 'S. S.', written over a faint horizontal line.

Place: Trivandrum
Date: 7-3-2019

Procurement Officer
ICFOSS

Note: - If the date of opening of bids happens to be a holiday; the actual date for the same will be the next working day. No separate intimation in this regard will be issued.



International Center for Free and Open Source Software

TENDER DOCUMENT

ICFOSS/32/2019-TC4(IT)

(e-Procurement)

Item required

Hardware Specification

| SI No | Model | Manufacturer | Specification | Quantity |
|-------|--------------------------|-------------------------------|---|----------|
| 1 | CHMT36VA | Charm High | Pick and Place PCB area 10mm*10mm - 355mm*355mm X Y axis Travel 420*460mm Z axis moving range 15mm Placement heads 2pcs Feeders 8mm=22pcs,12mm=4pcs,16mm=2pcs,24mm=1pcs, Front IC tray=14pcs, user-defined IC tray Vision system Dual cameras(up & down cameras) Drive Closed-loop control stepper servo drive system Z axis self-return detection Yes Pull pin self-return Yes Leakage of material detection method Vacuum detection, vision detection Mounting speed 4000cph (vision off); 2800cph (vision on) Mounting precision ±0.025mm Components 0402-5050,SOP,QFN,(tape width: 8MM,12MM,16MM,24MM) Machine dimension L 960mm * W 705mm * H 335mm Vacuum pump -92KPA (2pcs,build-in, mute type) External air source No need (machine build-in mute vacuum pump 2pcs) External PC Yes Voltage 220V (110V),50Hz Net weight 65kg Gross weight 74kg / 108*80*53cm | 1 |
| 2 | 3040 | Charming High | Stencil Printer Work table size 300*400mm Print size 250*400mm Max net frame size 370*470mm Printer way manual Thickness of the substrates 0-80mm The workbench adjust volume 10mm, Horizontal Angle adjustment Printing platform height 220mm repeated accuracy ±0.01mm locate mode Benchmark or hole shape Dimension 540*370*350 mm Packing size 630*450*480mm Weight NW.25Kg GW.35Kg | 1 |

| | | | | |
|----|---|-------------------------------|--|---|
| 3 | T962A | Charming High | <p>Reflow Effective Soldering max area: 300 x 320mm Rated power: 1500W Temperature Range: 0°C-280°C Process cycle: 1~8 min Voltage: 110V~240V Frequency: 50Hz~60Hz Product size: 430×370×260mm Packing size: 510×450×330mm Net weight: 13kg Gross weight: 14kg</p> | 1 |
| 4. | 1080P HDMI 7-45X trinocular | Minivision | <p>Eyepieces : 10X large field flat eyepiece field of view diameter 20mm Objectives: 7-8-10-15-20-30-35-40-45X zoom continuously zoom in Binocular observation head: pupil distance 55-77mm diopter adjustment light degree 45 tilt 360 rotation Field of view range: 31.2mm-5.1mm Total magnification: 7-45X Working distance: effective working distance 100mm Adjustment range: lift adjustment range 45mm pole adjustment range 140mm Base plate: with tablet and 95mm black and work plat</p> | 2 |

Terms & Conditions

- Item offered must be standard, proven product and already available in the market.
- Tender Documents shall be available only on the Internet and shall not be available for sales elsewhere.
- Replacement/Warranty terms of the product offered should be not less than 1 month.
- No price rise except Govt. levies will be allowed as the order has been placed during the validity of the claim.
- Materials must be properly packed against any damage and insured except where hand delivery is proposed.
- Delivery / installation at the store should strictly be completed within the stipulated period of delivery
- Supplier will have to pay penalty on non-delivery after expiry of delivery date @ 1% per week subject to maximum of 10%.
- Stores should be supplied to the “The Director, ICFOSS, 7th Floor, Thejaswini, Technopark, Trivandrum - 695 581, Kerala, India”.
- Technical literature/ hand book /data sheets must be sent along with the materials as and when supplied.
- Equipment / stores must be provided with the stipulated guarantee against manufacturing and functional defects and the date of warranty shall commence from the date of acceptance/ taking over in good condition.
- Equipment / stores supplied will be subjected to performance tests and in case the articles do not function / reach the expected standard, the suppliers are liable to replace the items free of cost at site. Cost of returning faulty goods will be to supplier’s account.
- Prompt and efficient after sales service must be rendered free within the guarantee period.
- If any equipment or part thereof is lost or rendered defective during transit, the supplier shall immediately arrange for the supply of the equipment or part thereof as the case may be.
- Purchaser reserves the right to cancel the order without any liability in case the materials are not supplied within the stipulated period or non - fulfillment of contractual obligations.
- **Payment:** The payment shall be made against completion of the entire supplies. The complete payment shall only be made against successful checking of the items supplied. In case of any defects the L1 bidder shall replace the item prior to the payment.
- **Warranty/ Support:** The items dispatched by the schedule of requirement shall carry minimum one year of replacement warranty from the date of acceptance of the items by ICFOSS. Warranty shall include free maintenance of the whole assembly supplied

including free replacement of parts. The defects, if any, shall be attended to on immediate basis but in no case any defect should remain unattended for more than 48 hours. The defects, if any, during the guarantee/ warranty period are to be rectified free of charge by arranging the replacement wherever necessary. This includes cost, insurance, freight, custom duty, octroi, local taxes if any, should be borne by the bidder. A clear confirmation should be given for this item. The warranty certificate should be furnished along the bills.

- **Quoted rate:** The quoted rates shall be **inclusive** of all taxes and also the bidder shall include charges like duties, freight, handling, loading, unloading, insurance premium along with the quoted rate.

The Taxes may include (excise duty, sales tax, service tax, entry tax etc), duties, levies, freight, handling, loading, unloading, insurance premiums etc complete and shall remain firm throughout the contract period. No compensation will be paid in case of any upward revision in the statutory taxes and levies or introduction of new taxes and levies.

- **Special Conditions:** The supplier is requested to submit all the items mentioned during the technical evaluation of the bid. There should not be any change in the make/specs in the final supplied items from the items submitted during the evaluation unless the technical evaluation committee recommends for the same.

- **Other Important documents to be submitted along with the technical bid.**

1. Detailed specification of the item quoted
2. Copy of Permanent Account Number (PAN)
3. Signed Tender document with Tender form.
4. Envelope should be marked with the heading '**SHORT TENDER FOR ELECTRONIC**

ITEMS ASSISTIVE TECHNOLOGY-2019

I / We hereby declare that I/We have read and understood the above instructions for the guidance of tenders.

Place :

Date :

Signature of Tenderer

Please submit the hard copy of this document duly signed by the authorized signatory to the following address:

**The Director
ICFOSS
7th Floor, Thejaswini,
Technopark, Trivandrum - 695 581
Kerala, India.**



TENDER FORM

Dear Sir,

Sub: Bid form

Ref :**ICFOSS/32/2019-TC4(IT)**

1. Having examined the conditions of tender contract, the receipt of which is hereby duly acknowledged. i/we undersigned, offer to supply all hardware & software and execute all works in conformity with tender specifications referred above and also to the said terms & conditions from the sum shown in the commercial bid(s) attached herewith and made part of this bid.
2. I / We undertake, if our Bid is accepted to complete delivery & commissioning of all Items specified in the contract within 4 weeks calculated from the date of issue of your purchase order/LOI.
3. We understand that you are not bound to accept the lowest or any bid, you may receive.
4. I / We affirm that I / We have enclosed the acceptance of all terms and conditions and also all brochures detailing the technical specification of the items quoted by me/us.
5. I / We hereby confirm that all the items supplied are in proper working condition and tested successfully.
6. The tender document for the works mentioned above have been obtained by me from the URL: <https://icfoss.in/announcements/tenders>, the official website of ICFOSS and I / we hereby certify that I / we have read the entire terms and conditions of the tender document, which shall form part of the contract agreement and I / we shall abide by the conditions / clauses contained therein.
7. My /our GST & PAN Numbers are as follows.
8. GST Registration Number.
9. PAN Number.
10. Dated thisday of..... 201.....
11. Signature of
12. In capacity of
13. Duly authorized to sign the bid for and on behalf of
14. Witness 1.



15. Signature

16. Witness 2.

17. Signature

18. Address of the Tenderer:



BOQ TEMPLATE

Date:

| Tender Inviting Authority: ICFOSS | | | | | |
|---|---|----------------------------|--------------|--|--|
| Name of Work: Hardware items | | | | | |
| Contract No: ICFOSS/32/2019-TC4(IT) | | | | | |
| Bidder Name : | | | | | |
| <u>PRICE SCHEDULE</u> (This BOQ template must not be modified/replaced by the bidder and the same should be submitted after filling) | | | | | |
| Sl. No. | Item Description (as specified in Tender documents) | Quantity | Units | BASIC RATE Per Kit (inclusive of all Taxes) | TOTAL AMOUNT (inclusive of all Taxes) |
| 1 | CHMT36VA Pick and Place PCB area 10mm*10mm - 355mm*355mm X Y axis Travel 420*460mm Z axis moving range 15mm Placement heads 2pcs Feeders 8mm=22pcs,12mm=4pcs,16mm=2pcs,24mm=1pcs, Front IC tray=14pcs, user-defined IC tray Vision system Dual cameras(up & down cameras) Drive Closed-loop control stepper servo drive system Z axis self-return detection Yes Pull pin self-return Yes Leakage of material detection method Vacuum detection, vision detection Mounting speed 4000cph (vision off); 2800cph (vision on) Mounting precision ±0.025mm Components 0402-5050,SOP,QFN,(tape width: 8MM,12MM,16MM,24MM) Machine dimension L 960mm * W 705mm * H 335mm | Charm High | 1 | | |

| | | | | | |
|---|---|-------------------------------|---|--|--|
| | <p>Vacuum pump -92KPA (2pcs,build-in, mute type) External air source No need (machine build-in mute vacuum pump 2pcs) External PC Yes Voltage 220V (110V),50Hz Net weight 65kg Gross weight 74kg / 108*80*53cm</p> | | | | |
| 2 | <p>3040</p> <p>Stencil Printer Work table size 300*400mm Print size 250*400mm Max net frame size 370*470mm Printer way manual Thickness of the substrates 0-80mm The workbench adjust volume 10mm, Horizontal Angle adjustment Printing platform height 220mm repeated accuracy ±0.01mm locate mode Benchmark or hole shape Dimension 540*370*350 mm Packing size 630*450*480mm Weight NW.25Kg GW.35Kg</p> | Charming High | 1 | | |
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| | | | | | |
|-----------------------------|--|--|--|--|--|
| | tilt 360 rotation Field of view range: 31.2mm-5.1mm Total magnification: 7-45X Working distance: effective working distance 100mm Adjustment range: lift adjustment range 45mm pole adjustment range 140mm Base plate: with tablet and 95mm black and work plat | | | | |
| Quoted Rate in Words | | | | | |

Authorized Signature
(With Signature and Seal)