

कार्यालय महानिरीक्षक : सीमान्त मुख्यालय सीमा सुरक्षा बल, मिजोरम एवं कछार, सिलचर

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सीमान्त मुख्यालय सीमा सुरक्षा बल
मिजोरम एवं कछार
पोस्ट-अरुणाचल
जिला -- कछार आसाम
सिलचर -788025
दिनांक - ___/10/2018

क्रमांक :- 1600/संचार एवं आईटी/क्रिय/मि०एवं कछार/2018-19/ 4438-50
M/S _____

NOTICE INVITING QUOTATION FOR PROCUREMENT SPARE PARTS FOR SOLDERING STATION MAKE-WELLER

On behalf of president of India, Inspector General HQ M&C Frontier BSF, invites sealed quotation from the reputed suppliers / firms for supply of IC TEMPERATURE CONTROLLED SOLDERING/DE-SOLDERING STATION WITH HOT AIR, SUCKER as per the following technical specifications:-

- **SPECIFICATIONS : Main Control Unit**
- | | |
|--|---------------------------------|
| Power Source | : 230 V AC \pm 5%, 50 Hz |
| Power Consumption | : 1200 Watt or less |
| Temp. Range: <Soldering/De-Soldering | : 200°C - 450°C or better |
| <Hot Air Pencil | : 100°C - 500°C or better |
| Air Flow Range | : Upto 110 Litre/ Min or better |
| Vacuum Suction | : Upto 500 mm Hg or better |
- **A IC TEMPERATURE CONTROLLED SOLDERING/DE-SOLDERING STATION WITH HOT AIR, SUCKER SHOULD CONSIST OF :**
- Main Control Unit
 - High power Hot Air pencil with in-built vacuum pick up.
 - Hot Air Pencil Holder.
 - Soldering Pencil fitted with 2.4mm Chisel Soldering tip.
 - Support Rack with Cleaning sponge and Dry cleaner for Soldering Iron.
 - De-soldering Gun fitted with soldering Tip.
 - Support Rack with cleaning sponge for De-soldering Gun.
- **SYSTEM OPERATION** : Independent and simultaneous operation of all the 3 Functions i.e. Hot Air Flow, De-soldering & Soldering.
- **WEIGHT** : Less than 12 Kg (Main Control Unit)
- **ACCESSORIES** :
- HOT AIR SECTION** (For rework of SMD/PTH Components with Hot Air)
- For rework of SMD/PTH Components with Hot Air
 - Power: 1000 Watt or better, Temp Range: 100°C-500°C, Air flow: Upto 110 litres/minute or better
 - SMD Nozzles of sizes 6.4mm, 14x20, 20x20, 25x25, 40x40
 - ESD safe and Heat resistant silicon rubber vacuum nipples of dia 10 & 4.5mm
- SOLDERING SECTION** (For SMD/PTH Components)
- Heating Power: 80 Watts or better, Temp range: 100°C to 450°C or better
 - Chisel soldering tip (2.4mm) fitted with pencil.
 - Chisel Tip sizes of 0.8, 1.2, 1.6, 2.0, 2.4, 3.2; Round: 0.2; Conical: 0.4mm
- DE-SOLDERING SECTION** (For De-Soldering of all types of SMD/PTH Components)
- Heating Power : 80 Watts or better, Temp Range: 200°C-450°C
Vacuum pressure: Upto 500 mm Hg or better
 - De-soldering nozzle of sizes 0.8, 1, 1.2, 1.4, 1.6
- **OTHER SPECIFICATION:**
- Should have facility to set 3 preset temperatures for individual channels.
 - Should display set temperature for all 3 channels to work simultaneously.
 - Should have VACUUM Pickup Pencil for pickup and place for SMD components.
 - Should have provision for Lock mode, Functions of Hot Air/ Soldering/ De-soldering can be programmed independently for temperature maintenance, switching off, - Programmable time limit for Hot air pencil, temperature calibration facilities,
 - Should have facility to prevent de-soldering bit from clogging.



2. You are, therefore, requested to forward your quotation/ tender with terms & conditions giving full details of Make & Model of offered product. Also attach Catalogue of respective Make & Model.
3. Quotations/ Tender received without signatures of the dealer or his authorized representative shall be treated as incomplete and are liable to be rejected.
4. The rate quoted in the Quotation / Tender should be for supplies at F.O.R destination i.e. Inspector General HQ M&C FTR, BSF Campus Masimpur, PO- Arunanchal, District - Cachar (Assam)- 788 025.
5. GST as applicable must be mentioned separately, if same is to be charged, otherwise Quotations / Tenders are liable to be rejected.
6. The quoted rates should be valid up to 31st December 2018.
7. The envelope containing the Quotation/ Tender documents must be super scribed at top "QUOTATION FOR IC TEMPERATURE CONTROLLED SOLDERING/DE-SOLDERING STATION WITH HOT AIR, SUCKER" and should be addressed to DIG (COMN), HQ M&C FTR BSF, Masimpur, P.O. - Arunanchal, District - Cachar (Assam)- 788025.
8. The envelope containing Quotation / Tenders should be properly sealed & marked as mentioned above.
9. The quotation / tenders should reach on above addressee either by Post/Speed Post or on Official E-Mail ID of this HQ by e-mail on or before 29th Oct 2018 and will be opened at 1600 Hrs on the same day.
10. Inspector General, HQ M&C Frontier BSF reserves all the rights to accept or reject anyone or all the quotations / tender without assigning any reason.
11. This quotation / tender also be floated in the web site www.bsf.nic.in

(Handwritten signature)
9/10/18

(सी किशोरजीत सिंह)
सह-कमाण्डेण्ट (संचार)
वास्ते उप-महानिरीक्षक (संचार)
सीमान्त मुख्यालय मि एवं क सी सु ब

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