

Bid Document

| Bid Details | |
|--|--|
| Bid End Date/Time | 27-07-2020 20:00:00 |
| Bid Opening Date/Time | 27-07-2020 20:30:00 |
| Bid Life Cycle (From Publish Date) | 90 (Days) |
| Bid Offer Validity (From End Date) | 30 (Days) |
| Ministry/State Name | Ministry Of Home Affairs |
| Department Name | Central Armed Police Forces |
| Organisation Name | Border Security Force (bsf) |
| Office Name | Frontier Bangalore |
| Total Quantity | 1 |
| Item Category | portable single operated rectifier type dc arc welding set suitable for manual arc welding process |
| MSE Exemption for Years of Experience and Turnover | No |
| Startup Exemption for Years of Experience and Turnover | No |
| Bid to RA enabled | No |
| Inspection Required | No |

EMD Detail

| | |
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| Required | No |
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ePBG Detail

| | |
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| Required | No |
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Splitting

Bid splitting not applied.

Portable Single Operated Rectifier Type Dc Arc Welding Set Suitable For Manual Arc Welding Process (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

| Specification | Specification Name | Values | Bid Requirement (Allowed Values) |
|---------------|---|--------|----------------------------------|
| Standards | Welding set conforming to IS:4559/1993 with latest amendments | Yes | Yes |

| | | | |
|-------------------------------------|--|--|---|
| | Capacitor conforming to IS:13340/2012 | Yes | Yes |
| | BIS Marked | No | Yes, No |
| | If BIS marked provide CML No otherwise PUT NA | - | * |
| Performance Parameters | Type of welding set | Conventional Rectifier type | Conventional Rectifier type, Rectifier inverter based(IGTB) double bridge type |
| | Type of electrode | - | * |
| | Rating of Capacitor to improve power factor | - | * |
| | Type of power supply | Three phase | Single phase, Three phase |
| | Rated input voltage | 415V,three Phase with trapping to compensate for variation in input supply | 240V,single Phase, 415V,three Phase with trapping to compensate for variation in input supply |
| | Current rating for rectifier type power source in ampere | 400 | 150, 160, 180, 200, 300, 400, 600, 900, 1200 |
| | Maximum Continuous Automatic Current in ampere | 360 | Any applicable numeric value |
| | Maximum Continuous Hand Welding Current in Amp | 600 | Any applicable numeric value |
| | Open-Circuit Voltage in Volts | 100 | Up to 100 |
| | Min Welding load voltage (at min welding current) in Volts | 24 | Any applicable numeric value |
| | Max Welding load Voltage(at max welding current) in Volts | 60 | Any applicable numeric value |
| | Maximum continuous welding current at 100% duty cycle(Amp @ duty cycle) | 360 | Any applicable numeric value |
| | Maximum continuous welding current at 60% duty cycle(Amp @ duty cycle) | 600 | Any applicable numeric value |
| | Trolley mount for rectifier type(May select NA in case of IGTB type welding set) | Yes | * |
| | Type of welding current regulator | Step less Type | * |
| | Type of insulation level | Class F | * |
| | Type of cooling like natural air cool,force air cool etc | - | * |
| | Warranty in Years | 3 | 1, 2, 3, 4, 5 |
| Dimensional and Material Parameters | Dimension of electrode in mm | 6 | Any applicable numeric value |
| | Overall Dimensions of Machine(L x D x H) (mm x | - | * |

| | | | |
|-----------------------|---|-----------------|---|
| | mm x mm) | | |
| | Weight of Machine in Kg | 210 | * |
| | Material of Wheel | Cast Iron Wheel | * |
| Additional Parameters | Type of wheel | Bi-directional | * |
| | Overload protection on DC and AC side | Yes | * |
| | Provision of Earthing | Yes | * |
| | Installation and Demonstration | Yes | * |
| | Machine shall be provided with safety features to protect operator from possible injuries | Yes | * |
| | Operating and Instruction Manual provided with machine | Yes | * |
| Reports | Availability of Type Test Report from Central Govt /NABL/ILAC Accredited lab | Yes | * |
| | Test report no | - | * |
| | Test report date | - | * |
| | Name of Lab | - | * |
| | Address of Lab | - | * |
| | Type of Tests report to be furnished to the buyer demand at the time of supplies | Yes | * |

* Specifications highlighted in bold are the Golden Parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Additional Specification Documents

Consignees/Reporting Officer and Quantity

| S.No. | Consignee/Reporting Officer | Address | Quantity | Delivery Days |
|-------|-----------------------------|--|----------|---------------|
| 1 | Vinod M K | 673509,Commandant 184 Battalion,Border Security Force Camp,Areekarakunnu,Thanakkotoor-PO, Nadapuram, Calicut-,Distt, Kerala,South India. | 1 | 30 |

Bid Specific Additional Terms and Conditions

- 1.IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
- 2.Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
- 3.Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
- 4.Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

[This Bid is also governed by the General Terms and Conditions](#)

---Thank You---