

Bid Document

| Bid Details | |
|---|---|
| Bid End Date/Time | 25-07-2020 16:00:00 |
| Bid Opening Date/Time | 25-07-2020 16:30:00 |
| Bid Life Cycle (From Publish Date) | 90 (Days) |
| Bid Offer Validity (From End Date) | 60 (Days) |
| Ministry/State Name | Ministry Of Railways |
| Department Name | Northern Railway |
| Organisation Name | Stores |
| Office Name | Northern Railway |
| Total Quantity | 2 |
| Item Category | portable single operated rectifier type dc arc welding set suitable for manual arc welding process |
| Experience Criteria | 1 Year (s) |
| MSE Exemption for Years Of Experience | Yes |
| Startup Exemption for Years Of Experience | Yes |
| Document required from seller | Experience Criteria,OEM Authorization Certificate *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer |
| Bid to RA enabled | No |
| Inspection Required | No |

EMD Detail

| | |
|----------|----|
| Required | No |
|----------|----|

ePBG Detail

| | |
|----------|----|
| Required | No |
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Splitting

Bid splitting not applied.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM

{themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of years as indicated in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

Portable Single Operated Rectifier Type Dc Arc Welding Set Suitable For Manual Arc Welding Process (2 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 | Rectifier inverter based(IGTB) double bridge type | Rectifier inverter based(IGTB) double bridge type |
| | Type of electrode | - | * |
| | Rating of Capacitor to improve power factor | - | * |
| | Type of power supply | Three phase | Three phase |
| | Rated input voltage | 415V,three Phase with trapping to compensate for variation in input supply | 415V,three Phase with trapping to compensate for variation in input supply |
| | Current rating for rectifier type power source in ampere | 600 | 600.0 |
| | Maximum Continuous Automatic Current in ampere | 360 | 360.0 |

| | | | |
|-------------------------------------|--|-----------------|-------|
| | Maximum Continuous Hand Welding Current in Amp | 600 | 600.0 |
| | Open-Circuit Voltage in Volts | 22 | 22.0 |
| | Min Welding load voltage (at min welding current) in Volts | 44 | 44.0 |
| | Max Welding load Voltage(at max welding current) in Volts | 44 | 44.0 |
| | Maximum continuous welding current at 100% duty cycle(Amp @ duty cycle) | 480 | 480.0 |
| | Maximum continuous welding current at 60% duty cycle(Amp @ duty cycle) | 360 | 360.0 |
| | Trolley mount for rectifier type(May select NA in case of IGTB type welding set) | NA | * |
| | Type of welding current regulator | Step less Type | * |
| | Type of insulation level | Class H | * |
| | Type of cooling like natural air cool,force air cool etc | - | * |
| | Warranty in Years | 1 | 1 |
| Dimensional and Material Parameters | Dimension of electrode in mm | 5 | 5.0 |
| | Overall Dimensions of Machine(L x D x H) (mm x mm x mm) | - | * |
| | Weight of Machine in Kg | 38 | * |
| | 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 | Dhakar Kumar Meena | 141001,Diesel Depot LDH | 2 | 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. Scope of supply (Bid price to include all cost components) : Only supply of Goods

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

---Thank You---

