

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	25-06-2024 18:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	25-06-2024 18:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	180 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Home Affairs
Department Name/विभाग का नाम	Central Armed Police Forces
Organisation Name/संगठन का नाम	National Disaster Response Force (ndrf)
Office Name/कार्यालय का नाम	Hq Ndrf New Delhi
Total Quantity/कुल मात्रा	16
Item Category/मद केटेगरी	plasma air cutting machine (Q2)
Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)	26 Lakh (s)
OEM Average Turnover (Last 3 Years)/मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का)	256 Lakh (s)
MSE Exemption for Years Of Experience/अनुभव के वर्षों से एमएसई छूट/ and Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है	Yes
Startup Exemption for Years Of Experience/अनुभव के वर्षों से स्टार्टअप छूट/ and Turnover/ टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है	Yes
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Additional Doc 1 (Requested in ATC) *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/बिड से रिवर्स नीलामी सक्रिय किया	Yes
RA Qualification Rule	H1-Highest Priced Bid Elimination
Type of Bid/बिड का प्रकार	Two Packet Bid

Bid Details/बिड विवरण	
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमति समय	5 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	Yes
Inspection to be carried out by Buyers own empanelled agency	Yes
Type Of Inspection	Pre Dispatch
Name of the Empanelled Inspection Agency/ Authority	Board of Officers
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation

EMD Detail/ईएमडी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
EMD Amount/ईएमडी राशि	768000

ePBG Detail/ईपीबीजी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
ePBG Percentage(%)/ईपीबीजी प्रतिशत (%)	5.00
Duration of ePBG required (Months)/ईपीबीजी की अपेक्षित अवधि (महीने).	29

(a). **EMD EXEMPTION:** The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने हैं। एमएसडी केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।

(b). **EMD & Performance security should be in favour of Beneficiary, wherever it is applicable./ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए।**

Beneficiary/लाभार्थी :

PAO, NDMA
NDMA Bhawan, Safdurjung Enclave, New Delhi through HQ DG NDRF New Delhi
(Pao)

Splitting/विभाजन

Bid splitting not applied/बोली विभाजन लागू नहीं किया गया।

MII Purchase Preference/एमआईआई खरीद वरीयता

MII Purchase Preference/एमआईआई खरीद वरीयता	Yes
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MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.

2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to their meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.

3. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

4. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

5. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023. [OM No.1_4_2021_PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

6. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15%

(Selected by Buyer) of margin of purchase preference / price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total QUANTITY. The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023

OM No.1 4 2021 PPD dated 18.05.2023 for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

7. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

8. Inspection of Stores by Nominated Inspection Authority / Agency of buyer or their authorized representatives

An independent third party Professional Inspection Body can help buyer in mitigating buyer's risk with pre-dispatch/post-dispatch inspection in order to ensure that equipment, components, solutions and documentation conform to contractual requirements. The buyer has a right to inspect goods in reasonable manner and within reasonable time at any reasonable place as indicated in contract. Inspection Fee/ Charges (as pre-greed between buyer and Inspection Agency) would be borne by the buyer as per their internal arrangement but may be recovered from the seller if the consignment failed to conform to contractual specification and got rejected by the Inspection Officer. If so requested and accepted by the seller, initially seller may pay for inspection charges as applicable and get the same reimbursed from buyer if consignment accepted by the Inspecting Officer. For reimbursement seller has to submit proof of payment to Inspection Agency.

Seller/OEM shall send a notice in writing / e-mail to the Inspecting officer / inspection agency specifying the place of inspection as per contract and the Inspecting officer shall on receipt of such notice notify to the seller the date and time when the stores would be inspected. The seller shall, at his own expenses, afford to the Inspecting officer, all reasonable facilities as may be necessary for satisfying himself that the stores are being and or have been manufactured in accordance with the technical particulars governing the supply. The decision of the purchaser representative /inspection authority regarding acceptance / rejection of consignment shall be final and binding on the seller.

The Seller shall provide, without any extra charge, all materials, tools, labour and assistance of every kind which the Inspecting officer may demand of him for any test, and examination, other than special or independent test, which he shall require to be made on the seller's premises and the seller shall bear and pay all costs attendant thereon.

The seller shall also provide and deliver store / sample from consignment under inspection free of charge at any such place other than his premises as the Inspecting officer may specify for acceptance tests for which seller/OEM does not have the facilities or for special/ independent tests.

In the event of rejection of stores or any part thereof by the Inspecting officer basis testing outside owing to lack of test facility at sellers premises, the seller shall, on demand, pay to the buyer the costs incurred in the inspection and/or test. Cost of test shall be assessed at the rate charged by the Laboratory to private persons for similar work.

Inspector shall have the right to put all the stores or materials forming part of the same or any part thereof to such tests as he may like fit and proper as per QAP/governing specification. The seller shall not be entitled to object on any ground whatsoever to the method of testing adopted by the Inspecting officer.

Unless otherwise provided for in the contract, the quantity of the stores or materials expended in test will be borne by seller.

Inspecting officer is the Final Authority to Certify Performance / accept the consignment. The Inspecting officer's decision as regards the rejection shall be final and binding on the seller.

The seller shall if so required at his own expense shall mark or permit the Inspecting officer to mark all the approved stores with a recognised Government or purchaser's mark.

9. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:

- i. If number of technically qualified bidders are only 2 or 3.
- ii. If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.

- iii. In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
- iv. If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1
- v. If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

Plasma Air Cutting Machine (16 pieces)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अंहता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

* As per GeM Category Specification/जेम केटेगरी विशिष्टि के अनुसार

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Performance Parameters	Power Sources	IGBT Based
	Type of metal which can be cut	All (MS, SS, Brass, Copper, Aluminium)
	Material Removing rate (Kg/Hr)	Any applicable numeric value
	Current Range (in Amp)	10-40, 10-55, 10-100, 20-150, 20-100
	Current Rating of Power Source at 100% Duty cycle in ampere	Any applicable numeric value (Ampère)
	Current Rating of Power Source at 60% Duty cycle in ampere	Any applicable numeric value (Ampère)
	Current Rating of Cutting Torch at 100% Duty cycle in ampere	Any applicable numeric value (Ampère)
	Current Rating of Cutting Torch at 60% duty cycle in ampere	Any applicable numeric value (Ampère)
	Efficiency of Machine (%)	85, 90
	Type of Air Compressor	Reciprocating Type
	Maximum Clean Cut Thickness (in mm)	6, 12, 25, 50
	Output Current Range , DC Amp	35-40, 45-55, 80-100, 120-150
	Rated input Range kVA (KVA)	25-35
	Cutting speed in mm/minute	250
	Input Supply (V, Phase, & Hz)	"415V+/-10 ,3Ph,50/60Hz"
	Length of Torch Cable (in mm)	Any applicable numeric value (millimeter)
	Warranty (Years)	1, 5

Specification	Specification Name/विशेषि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Additional Accessories	Black Glass Goggles Confirming to 4 DIN specially used for Plasma cutting machine (2 in nos) to be supplied	Yes
	Fire Proof Dress to be supplied	Yes, No
	Hand Gloves to be supplied	Yes, No
	CNC Interface to be supplied	Yes, No
	On/Off Switch on Torch	Yes

Additional Specification Parameters - Plasma Air Cutting Machine (16 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
All parameter of Air Plasma Cutting Machine are required as per NDRF approved Technical Specification uploaded in buyer added bid specific ATC.	All parameter of Air Plasma Cutting Machine are required as per NDRF approved Technical Specification uploaded in buyer added bid specific ATC.

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Kuldeep Sharma	781017,The Commandant, 01 Bn NDRF, Patgaon, PO-Azara, Distt-Kamrup, Near Azara Railway Station, Guwahati (Assam)-781017	1	90
2	Pushpendra Kumar	741246,The Commandant, 2 BN NDRF, Haringhata, PO-Mohanpur, Distt-Nadia (West Bengal)-741246	1	90
3	Gaurav Balaso Jangate	754006,The Commandant, 03 BN NDRF, MUNDALI Distt-CUTTACK (ODHISHA)-754006	1	90

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
4	Praveen S Prasad	631152,The Commandant, 04 Bn NDRF, Arakkonam, Post-Suraksha Campus, Distt-Ranipet (Tamil Nadu)-631152	1	90
5	Anil Talkotra	412109,The Commandant, 05 Bn NDRF, Village at Post-Sudumbare Near Siddhanth Engineering College, Taluk-Maval, Distt-Pune (Maharashtra)-412109	1	90
6	RAJENDER KUMAR	391510,THE Commandant, 06 BN NDRF, JAROD CAMPUS, PO-JHAROD, NEAR JARODIA PURA, TEHSIL-WAGODIA, DISTT-VADODARA (GUJARAT)-391510	1	90
7	Devender Parkash	151001,The Commandant, 07 BN NDRF 81 Bibiwala Road, Distt-Bhatinda (Punjab)-151001	1	90
8	Kunal Tiwari	201002,The Commandant, 08 BN NDRF, SECTOR 19 KAMALA NEHARU NAGAR GHAZIABAD (UP)-201002	1	90
9	Santosh Kumar	801103,The Commandant, 09 Bn NDRF, Ara Road Bihta, NH-30, PO- Bihta, Distt-Patna (Bihar)-801103	1	90
10	Dilbag Singh	521212,The Commandant 10 BN NDRF, Village-Adavinekkalam, Nunna Town, Vijaywada, Distt-Krishna (Andhra Pradesh) Pin Code-521212	1	90
11	Ram Bhavan Singh Yadav	221002,The Commandant, 11 Bn NDRF, Goutambudh Bhawan, Maqbul Alam Road, Varanasi (Uttar Pradesh)-221002	1	90
12	Deepak Kumar Jaiswal	791112,The Commandant, 12 BN NDRF, Vill+ PO- Doimukh, Distt- Papum Pare, (Arunachal Pradesh)-791112	1	90
13	Binu Samuel	141008,The Commandant, 13 BN NDRF POST- Ladhowal Dist-Ludhiana -141008	1	90
14	Lalit Mohan Singh	176201,The Commandant, 14 BN NDRF, (Jachh) Jassur, Tehsil-Nurpur, Distt-Kangra (Himachal Pradesh)-176201	1	90

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
15	Rohitashwa Mishra	263152,The Commandant, 15 BN NDRF, KISHAN SANKARI MILL BUILDING GADARPUR, POST- GADARPUR, DISTT- UDHAM SINGH NAGAR, UTTARAKHAND-PIN CODE- 263152 CONTACT NO. 05949-231198	1	90
16	Gourav Sharma	110077,The commandant, 16 BN NDRF, RRC Campus Sector 7 Dwarka New Delhi-110077	1	90

Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें

1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

2. Generic

Bidder financial standing: The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

3. Generic

Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

4. Generic

Manufacturer Authorization: Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid

5. OEM

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.

6. Inspection

Nominated Inspection Agency: On behalf of the Buyer organization, any one of the following Inspection Agency would be conducting inspection of stores before acceptance:
Pre-dispatch Inspection at Seller Premises (applicable only if pre-dispatch inspection clause has been selected in ATC):

Board of Officers detailed by HQ NDRF

Post Receipt Inspection at consignee site before acceptance of stores:
Board of Officers detailed by Consignee

7. Financial Criteria

NET WORTH: Net Worth of the OEM should be positive as per the last audited financial statement.

8. Certificates

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

9. Certificates

The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.

10. Turnover

Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

11. Turnover

OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.

12. Warranty

Warranty period of the supplied products shall be 2 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

13. Warranty

Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 15 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imberse the cost of such service / rectification to the Buyer.

14. Buyer Added Bid Specific ATC

Pre-Bid Details:-

Pre- Bid Date and Ti me	Pre-Bid Venue
19.06.2024 1500 hrs	Conference Hall, HQ DG NDRF, 6th Floor, NDCC Building-II, Jaisingh Road, New Delhi-110001

Technical Specification

Annexure- "A"

Specification of Air Plasma Cutting Machine

- Air Plasma Cutting Machine:** - The Plasma power pack shall be portable type and designed for operation with Air Cutting Torch shall be light-weight and made from non-breakable material. The cutting torch shall be provided with a quick assembly/removal coupling end. It shall be possible to drag the torch on the work piece at full output without damaging consumables and nozzle from the molten metal spray. The torch shall be provided with post-flow features for reducing the torch stresses. The torch shall be provided with a manually operated trigger for ignition. The power cable and hose to connect the torch with the power source and cables shall be shielded against accidental damage.

Technical Specification	
Input Power Supply	230 V+-10% Single Phase AC 50 Hz
Current Output	45 Amp at 50% duty cycle
Rated Output Voltage	145 VDC
Cutting Capacity	Clean Cut-12 mm (for Stainless Steel) Clean Cut-20 mm (for Mild Steel) Severance-29 mm (for Mild Steel) Pierce-12 mm (for Stainless Steel)
Duty Cycle @40°C Max. Output	50% @45 Amp., 200- 230 Volt, Single Phase 100% @32 Amp., 200-230 Volt, Single Phase
Rated open circuit voltage (OCV)	275 VDC
High Arc facility	No high frequency unit in plasma cutting machine, contact start technology with spring.
Type of Power Supply	The machine should be IGBT Inverter based with dual threshold pilot circuit for enhanced consumable. Minimum current at pilot arc stage, which is automatically ramped up to set value when work piece is sensed. Continuous pilot arc technology for cutting of wire mesh & expended material.
Cutting Speed	250 mm/minute (for 12 mm Stainless steel)

Air Pressure	5.9 Bar Cutting 4.1 Bar Max. Control gouging 3.8 Bar Marking Pressure setting should be automatic
LCD Display	i. Air pressure adjustment and display ii. Mode-Cutting/gouging iii. Ampere adjustment and display iv. Error code display for easy maintenance Should display minimum last 5 error codes
Power Factor	0.99
Gas Supply	Oil free Air
Weight*	Less than 20 Kg
Class of insulation and protection	"H" and IP 23

Key features:-

- Cutting Air ON/OFF control should be automatic.
- Post Airflow after every cycle for cooling consumables after cutting.
- Pressure adjustment should be automatic depending on- Mode, Torch lead length, Process being used.
- Cut Technology: Drag cutting (Touch and Cut) without using spacer rings.
- Pneumatic and Electrical connections are made together through connector avoiding need of external connections allowing easy change over.
- Smart sense technology should automatically set correct air pressure based on torch length and operating mode.
- Wide voltage tolerance to improve performance on motor generators and in low-line conditions.
- Torch should be designed for high impact and heat-resistance.
- Low maintenance for maximum uptime.
- Low consumable life for lower cost and more uptime.
- High power efficiency lower energy consumption.
- Have boost conditioner circuit, which improves performance on low-line voltage, motor generators, and fluctuating input power.

2. Air Compressor:- A portable electrically driven compressor of sufficient capacity with accessories is required for the equipment. It should meet the uninterrupted air supply requirement for continuous cutting operation. It should be suitable to work on generator power. The air compressor shall be provided with suitable handles to enable one/two person(s) to carry it from one place to another.

Technical Specification	
Tank Capacity (Minimum)	40 Ltr

Motor Power	2 HP Single Phase
Pressure	5.5 bar (Minimum)
Effective Output	190 lpm (Minimum)
Type	Reciprocating
Weight	<43 Kg

3. Portable Generator Set :- Portable generator sets should have stroll/trolley type, which can be easily moved from one place to another place. The generator sets shall be fitted with fuel tank of 40 ltrs capacity to give continuous operation for a minimum of 4 hours at rated full load and fuel should not spill out of the lead of the tank due to vibration. The generator should be complied with the latest CPCB norms.

Technical Specification	
Fuel Type	Petrol start Petrol Run
Wattage	2x5.5 KVA (Coupled)
Output power rating	230 V/50 Hz, Single Phase
Engine Type	Air Cooled
Fuel Tank Capacity	Fuel tank of 40 ltrs capacity to give continuous operation for a minimum of 4 hours at rated full load.
Dry Weight*	120 Kg for each unit of 5.5 KVA
Noise level @ rated output	Less than 86 dB as per CPCB norms
Low oil alert system	Yes
AC Circuit breaker	Yes
Pilot Lamp	Yes

Key features:-

- Portable generator sets should have a hassle free push button/key for engine start and stop.
- The portable generator set must meet the requirement of duty type S-1 (continuous running duty) as per IS:12824/1989 (re-affirmed-2004). The winding temperature rise of the alternator at rated load shall meet the requirement of IS:4722:2001.
- The generator set shall be fitted with fuel tank of capacity to give continuous operation for a minimum of 4 hours at rated full load and fuel should not spill out of the lead of the tank due to vibration.
- For, electric start gen sets shall have a maintenance free battery and a battery charger with a suitable starter should be provided duly mounted on the gen set.
- Electric self-start portable gen-set shall have an inbuilt recoil system to start the engine in case of battery discharge.
- Fuel system: Electronically controlled fuel injection system.
- The generator should comply with the latest CPCB norms.

Note-(*) the weight of equipment as specified in technical specification may exceed by a maximum of 10%. There is, however, no limit on the lower side.

List of Accessories:

Power cable and hose to connect torch with power source 15 meters long (Minimum)	10 Nos.
Earth cable 20 meters	1 No.
Power cable with extension board having provision to connect Plasma Power Pack & Air Compressor with generator set 50 meters long.	2 Nos.
Storage case for torch & cables	1 No.
Maintenance tools	1 No.
Air Shield	5 Nos.
Torch head	1 No.
Safety goggles (Black Glasses confirming to 4 DIN)	2 Nos.
Safety Gloves	2 Sets.
Electrodes	20 Nos.
Nozzles	120 Nos.

Additional Terms & Conditions:-

1. All participating firms to submit following self-declaration certificates on firm's letter head.-
 - (a) Bid Security Declaration.
 - (b) Non-Blacklist Certificate.
 - (c) Bidder Financial Standing.
 - (d) Local Content Certificate.
 - (e) Sharing Land Border with India.

The format of above certificate are as under:-

(a) Bid Security Declaration : Micro and Small Enterprises/Startups or any other exempted entity should submit Bid Securing Declaration as per format given below failing which their participation will be liable to be straight way rejected during initial scrutiny and no opportunity will be given to provide the same during review representation: -

GeM Tender No..... Dated.....

BID SECURING DECLARATIONS CERTIFICATE

(Applicable only For MSE/Start-ups Sellers OR any other entity for exemption of

EMD).

To,

Dy. Inspector General (Prov),
HQ DG NDRF
6th floor NDCC Building-II
Jai Singh Road,
New Delhi- 110001

Sir,

Tender/GeM. Bid No. _____ We, M/s- _____ under take th
at if we withdraw or modify our bid during the period of validity, or we are award
ed the contract and we fail to sign the contract, or to submit a performance secu
rity before the deadline defined in bids documents, we will be suspended for the
period of 02 years from being eligible to submit bids for contract with procuring
entity i.e- NDRF , Ministry of Home Affairs.

Yours faithfully
(Sig of Auth Signatory of Firm with Seal)

(b) Non-Blacklisting Certificate:-

Bid No..... Date.....

We M/s _____ do hereby undertake that our firm has not been
blacklisted by any Govt/PSU agencies in last two years.

(Signature of the Authorized Signatory of Bidder, with
Official seal)

(d) Bidder Financial Standing:-

Bid No.....
....

Date.....

We M/s _____ do hereby undertake that our firm has not under liquidation, court receivership or similar proceedings and also not bankrupt on any account.

(Signature of the Authorized Signatory of Bidder, with Official seal)

(d) Local Content Certificate: -

SELF-CERTIFICATION UNDER PREFERENCE TO MAKE IN INDIA AND LOCAL CONTENT

To,
Dy.Inspector General (Prov),
HQ DG NDRF
6th floor NDCC Building-II
Jai Singh Road,
New Delhi- 110001

In line with Government Public Procurement Order No. P-45021/2/2017-PP (BE-II) dated 04.06.2020 and its amendments, we hereby certify that we M/s _____ are local supplier meeting the requirement of minimum local content i.e., _____.% as defined in above orders for the material against IPR Enquiry/Tender No.....dated..... Details of location at which local value addition will be made as follows:

We also understand, false declarations will be in breach of the code of integrity under rule 175(1)(i) (h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151(iii) of the General Financial Rules along with such other actions as may be permissible under law.

Signature with date:

Name:

Designation:

Official Seal

(e) Sharing Land Border with India:-

Bid No.....

Date.....

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this vendor/bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this vendor/bidder fulfils all requirements in this regard and is eligible to be considered for procurement on GeM.

(Signature of the Authorized Signatory of Bidder, with Official seal)

2. RIGHT TO REJECTION

- (i) The decision of the DG NDRF shall be final as to the quality of the store and shall be binding upon the Tenderers and in case of any of the articles supplied not being found as per specification shall be liable to be rejected or replaced and any expenses or losses caused to the supplier should be borne by the supplier and ensured by the supplier that articles supplied should be best in quality and free from all defects.
- (ii) The acceptance of articles will be made only when the articles are inspected and found up to the standard/ as per specifications and free from all defects.
- (iii) The rejected stores must be removed by the Tenderers from the consignee's premises within 15 days from the date of the intimation about rejection at the risk and cost of the Tenderer. The In-charge of stores concerned will take reasonable view of such materials but in no case shall be responsible for any loss, shortage, damage that may occur to it while it is in the premises of the consignee

3. DELIVERY OF STORES

- (i) Delivery period will include the inspection and replacement of rejected lot

- (ii) Firm should not deliver stores to consignee(s) beyond scheduled Delivery Period without obtaining prior sanction of purchaser.
- (iii) Under the contract, the stores are of utmost importance and need to be delivered within DP as the stores are life-saving. Late delivery may cause loss of lives. Seller is liable to pay the LD charges for the loss likely to be caused to buyer due to late supplies as per T & C.
- (iv) No grace period will be provided after the stipulated delivery period, however the decision will be taken as per the circumstances and the buyer may extend DP with or without LD.

4. LAW GOVERNING THE CONTRACT

- (i) The contract shall be governed by the laws in force as of date in India and interpretation would be done accordingly.
- (ii) Jurisdiction of Court: The courts of the New Delhi shall alone have jurisdiction to decide any dispute arising out of or in respect of the contract.

5. ARBITRATION

- (i) Arbitration proceedings shall be held at New Delhi, India and the language of the arbitration proceedings and that of all documents and communications between the parties shall be English.
- (ii) In the case of dispute or difference arising between the purchaser and the supplier relating to any matter arising out of or connected with the contract, such dispute or difference shall be settled in accordance with the Indian Arbitration and Conciliation Act, 1996.

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- 6. Physical copy of EMD should be deposited to Procurement branch, HQ NDRF within 5 days from bid opening date (excluding Saturday, Sunday & Holiday).
- 7. Physical copy of Performance Bank Guarantee should be deposited to Procurement branch, HQ NDRF within 15 days from the award of contract or else contract is liable to be cancelled.
- 8. The bidder should submit undertaking regarding Make in India content as per proforma circulated by DPIIT (In case the bidder is not OEM, the certificate should be obtained from OEM). The bidder shall be solely responsible for the undertaking submitted for the compliance of MII (Make in India) Policy. In case of any deviation found at any stage, the bidder's claim will be cancelled and will be blacklisted for minimum 2 years from this organization and case will be projected to GeM for action at their end.

9. Bidder has to deposit one free tender sample with all accessories along with original lab test report from any Govt approved NABL lab on returnable basis for field trial at **16 BN NDRF, RRC Campus, Sector 7 Dwarka New Delhi-110077** within 7 days from opening of Bid.

10. Buyer have right to test/verify the tender sample/sample from bulk production/supplied store or at any stage from the NABL accredited/Govt lab, the testing charge will be borne by the seller.

11. Bidder should upload the relevant documents/undertaking confirming the all parameter of technical specifications uploaded through Buyer Added Bid Specific ATC clause.

12. Training- Firm will provide operational / technical training at consignee's locations/locations intimated by the buyer through physically/virtually as per the decision of purchaser/buyer for a duration of 03 days free of cost

Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for attached categories, trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without

specifying equivalent Indian Certification / standards.

10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

[This Bid is also governed by the General Terms and Conditions/ यह बिड सामान्य शर्तों के अंतर्गत भी शासित है](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस नियिदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो।बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।

---Thank You/धन्यवाद---