

## **FINAL DRAFT TECHNICAL SPECIFICATION OF HYDRAULIC CONTINOUS LENGTH CUTTER**

<b>Srl No.</b>	<b>Proposed Specifications</b>	<b>Trial Directives</b>	<b>Firms' comments</b>
1.	The Cutter should be double acting hydraulically operated device with balanced construction made of anti-corrosive high strength material capable of being lifted and operated manually with ease.	Lab Test Report/Certificate from Govt./Accredited Lab will be provided by firm.	
2.	It shall be hydraulically operated with self-centralizing mechanism.	Lab Test Report/Certificate from Govt./Accredited Lab will be provided by firm.	
3.	The tools should be able to perform continues cutting operation in straight line i.e. there should be continues length cutting without the need to spread the cut portion to make space for cutting further down the lines of cutting.	To be checked Physically By BOO	
4.	The minimum tip opening shall be 120mm.	To be checked Physically By BOO	
5.	The cutter's weight shall not exceed 24.1 kg with or without battery.	To be checked Physically By BOO	
6.	The maximum cutting force shall be at least 31 ton /308 kN.	Lab Test Report/Certificate from Govt./Accredited Lab will be provided by firm.	
7.	The cutter shall have a 360 degree Rotatable, foldable and detachable handle for optimum infinite position & can be easily locked at any position. The rotating handle should have provision for front and back movement along with insulated grip for user safety.	To be checked Physically By BOO	
8.	The operation should be push button control system for fine-tuned precise handling & avoiding any arm or twist movement.	To be checked Physically By BOO	
9.	The Blade should be of shock resistant non corroding alloy steel with high quality quenched and tempered tool steel.	To be checked Physically By BOO	
10.	The tools must have mono-coupling with dust cap.	To be checked Physically By BOO	

11.	The tools must comply all the requirements and safety features stipulated in EN 13204.	Lab Test Report/Certificate from Govt./Accredited Lab will be provided by firm.	
12.	The tools should have NFPA class A4/B3/C5/D6/E6/F3 & EN class of 1D-2D-3E-4F-5F.	Lab Test Report/Certificate from Govt./Accredited Lab will be provided by firm.	
13.	The cutter shall be supplied along with hydraulic power pack (02 outputs) & 05m Hydraulic Hose.	To be checked Physically By BOO	
14.	The Power pack should be a 4-stroke petrol engine with approx. 2.6 Kw of rugged construction.	Lab Test Report/Certificate from Govt./Accredited Lab will be provided by firm.	
15.	It should be designed for connection of two rescue tools and simultaneous and alternative operation of two tools.	To be checked Physically By BOO	
16.	The weight of the power unit must not exceed 35 kg.	Lab Test Report/Certificate from Govt./Accredited Lab will be provided by firm	
17.	The Working pressure shall be at 630-720 bar.	Lab Test Report/Certificate from Govt./Accredited Lab will be provided by firm	
18.	The power pack unit shall be equipped with quick connect couplings.	To be checked Physically By BOO	
19.	The Hydraulic oil shall be Non-toxic, environment friendly and shall be available in local market	Lab Test Report/Certificate from Govt./Accredited Lab will be provided by firm	
20.	The oil volume should not be less than 4 liters.	To be checked Physically By BOO	
21.	All quick connect couplers to be provided with a locking feature to prevent accidental uncoupling during operation.	To be checked Physically By BOO/Lab Test Report	
22.	All pressure and return lines to be clearly marked and color coded.	To be checked Physically By BOO	
23.	Heat Generating components and rotating parts of the power pack shall be provided with fixed guards or device to prevent unintended contact. All electric components of power pack shall have a minimum degree of protection IP44. All pressure containing parts of power pack shall withstand a pressure 1.5	To be checked Physically By BOO	

	times the allowable pressure for 60s.		
24.	Hold function shall be available to allow tool to be disconnected under load.	Lab Test Report/Certificate from Govt./Accredited Lab will be provided by firm	

### **Draft Specification of Concrete Crusher**

<b>Name of Eqpt</b>	<b>Technical specification</b>	<b>Proposed Specification</b>	<b>Trial Directives</b>	<b>Firms Comments</b>
<b>Concrete Crusher</b>	<b>Scope</b>	The concrete crusher tool to be used in the demolition of concrete reinforced and non-reinforced, brick walls, structures in composite stones and a masonry, ceilings, columns, stairways and every concrete section with minimum noise and vibration.		
	<b>Type</b>	Hydraulic Operated Concrete Crusher To be Physically Handheld, single-operator use, easily deployable in confined spaces like basements, rubble zones, or collapsed buildings	To be Physically checked by BOO	
	<b>Minimum Working Pressure (Bar)</b>	600 Bar and more	Firm to provide lab certification from a Govt. of India approved lab	
	<b>Jaw Opening width/Min Opening (mm)</b>	230 mm and above	Performance to be physically checked by BOO	
	<b>Jaw Depth in (mm)</b>	135 mm and above	Performance to be physically checked by BOO	
	<b>Demolition force/ Crushing Force</b>	10 ton	Firm to provide lab certification from a Govt. of India approved lab	
	<b>Weight</b>	Not more than 25 kg without Power pack & hose pipes.	To be Physically checked by BOO	
	<b>Noise &amp; Vibration</b>	Noiseless, vibration free.	To be Physically checked by BOO.	
	<b>Equipment Material Compatibility</b>	Tool should be light weight, efficient machine capable of demolition of concrete Grade-1 construction of width min. 200	To be physically checked by BOO	

	mm Reinforced concrete, masonry, stone.		
<b>Safety Features</b>	Anti-slip grip and ergonomic carrying handle.	To be physically checked by BOO	
<b>Operating temperature</b>	-10 to +55 degree Celsius	Firm provide lab certification from a Govt. of India approved lab.	
<b>Accessories</b>	Complete Tool kit for maintenance.	To be physically checked by BOO	
<b>Certification/ Accreditation</b>	Compliance certificate to CE/EN/BIS	Concerned certificates to be physically checked by BOO.	
<b>Guarantee/warranty/ Service support</b>	<p>(I) Warranty: 5 years and extended up to 07 years.</p> <p>(II) The bidder should be able to conduct the repairs of the tools post warranty period for minimum ten years at place(s) as mentioned in the bid.</p> <p>(III) Bidder/OEM to provide an undertaking for the same.</p>	To be physically checked by BOO through the relevant certificate/undertaking.	
<b>Operation Type</b>	High-pressure hydraulic power pack with petrol engine	To be Physically checked by BOO.	
<b>Power Source</b>	<p>(I) Compact power unit fitted on a wheel carrying trolley with maximum 45 kg weight.</p> <p>(II) The power pack hydraulic (petrol operated) drive system capable of generating minimum 600 bar pressure for the tool</p> <p>(III) Compatible hose pipe minimum</p>	<p>(I) To be Physically checked by BOO</p> <p>(II) Firm to provide safety norms certificate for power unit for operational safety from Govt. of India approved lab.</p>	

		length 10 mtr to be provided with equipment.		
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**बिड दस्तावेज़ / Bid Document**

बिड विवरण / Bid Details	
बिड बंद होने की तारीख/समय / Bid End Date/Time	23-12-2025 16:00:00
बिड खुलने की तारीख/समय / Bid Opening Date/Time	23-12-2025 16:30:00
बिड पेशकश वैधता (बंद होने की तारीख से) / Bid Offer Validity (From End Date)	30 (Days)
मंत्रालय/राज्य का नाम / Ministry/State Name	Ministry Of Home Affairs
विभाग का नाम / Department Name	Central Armed Police Forces
संगठन का नाम / Organisation Name	National Disaster Response Force (ndrf)
कार्यालय का नाम / Office Name	Hq Ndrf New Delhi
कुल मात्रा / Total Quantity	1
वस्तु श्रेणी / Item Category	Eol for Hydraulic Continous Length Cutter and Concrete Crusher
GeMARPTS में खोजी गई स्ट्रिंग्स / Searched Strings used in GeMARPTS	Eol for Hydraulic Continous Length Cutter and Concrete Crusher
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	Reinforced Concrete Poles For Overhead Power And Telecommunication Lines-IS:785
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	<ul style="list-style-type: none"> <li>Hydraulic Root Cutter</li> <li>Concrete Test Hammer (Rebound Hammer)</li> <li>Hammer Crusher</li> </ul>
वर्षों के अनुभव एवं टर्नओवर से एमएसई को छूट प्राप्त है / MSE Exemption for Years Of Experience and Turnover	Yes   Complete
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / Startup Exemption for Years Of Experience and Turnover	Yes   Complete
विक्रेता से मांगे गए दस्तावेज़ / Document required from seller	Past Performance, 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

बिड विवरण/Bid Details	
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेजों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेनू है/Do you want to show documents uploaded by bidders to all bidders participated in bid?	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension	1
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	7
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	1
विगत प्रदर्शन /Past Performance	10 %
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	No
बिड का प्रकार/Type of Bid	Single Packet Bid
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	5 Days
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

#### ईएमडी विवरण/EMD Detail

आवश्यकता/Required	No
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#### ईपीबीजी विवरण /ePBG Detail

आवश्यकता/Required	No
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बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

#### एमआईआई खरीद वरीयता/MII Purchase Preference



एमआईआई खरीद वरीयता/MII Purchase Preference	No
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#### एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं को खरीद में प्राथमिकता, यदि उनका मूल्य $L1+X\%$ तक की सीमा में हो / Purchase Preference to MSE OEMs available upto price within $L1+X\%$	15
सूक्ष्म और लघु उद्यम को खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MSE purchase preference	25

1. If the bidder is a Micro or Small Enterprise as per latest orders issued by Ministry of MSME, the bidder shall be exempted from the eligibility criteria of "Experience Criteria" as defined above subject to meeting of quality and technical specifications. The bidder seeking exemption from Experience Criteria, shall upload the supporting documents to prove his eligibility for exemption.
2. If the bidder is a Micro or Small Enterprise (MSE) as per latest orders issued by Ministry of MSME, the bidder shall be exempted from the eligibility criteria of "Bidder Turnover" as defined above subject to meeting of quality and technical specifications. If the bidder itself is MSE OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking exemption from Turnover, shall upload the supporting documents to prove his eligibility for exemption.
3. If the bidder is a DPIIT registered Startup, the bidder shall be exempted from the the eligibility criteria of "Experience Criteria" as defined above subject to their meeting of quality and technical specifications. The bidder seeking exemption from Experience Criteria, shall upload the supporting documents to prove his eligibility for exemption.
4. If the bidder is a DPIIT registered Startup, the bidder shall be exempted from the the eligibility criteria of "Bidder Turnover" as defined above subject to their meeting of quality and technical specifications. If the bidder is DPIIT Registered OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking exemption from Turnover shall upload the supporting documents to prove his eligibility for exemption.
5. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal 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 themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. 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 and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. 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 MSE 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. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.
6. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 10% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

**Pre Bid Detail(s)**

मूल्य भिन्नता खंड दस्तावेज़/Pre-Bid Date and Time	प्री-बिड स्थान/Pre-Bid Venue
10-12-2025 15:00:00	DG HQ NDRF, NDCC-II Building, Jai Singh Road, New Delhi

**Eol For Hydraulic Continous Length Cutter And Concrete Crusher ( 1 the number pi )****तकनीकी विशिष्टियाँ /Technical Specifications**

क्रेता विशिष्टि दस्तावेज़ /Buyer Specification Document	<a href="#">Download</a>
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**प्रेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity**

क्र.सं./S.N o.	प्रेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Harvinder Singh	110001,HQ DG, NDRF, 6TH FLOOR, NDCC-II BUILDING, JAI SINGH ROAD, NEW DELHI	1	15

**क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/Buyer Added Bid Specific Terms and Conditions****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 up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be  $(\text{Increased quantity} \div \text{Original quantity}) \times \text{Original delivery period (in days)}$ , subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

**2. 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.

**3. 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.

## अस्वीकरण/Disclaimer

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.
15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
16. In a category based bid, adding additional items, through buyer added additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogs or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

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.

**All GeM Sellers/Service Providers shall ensure full compliance with all applicable labour laws, including the provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; and the Code on Social Security, 2020 as and when notified and brought into force by the Government of India.**

**For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (such as The**

**Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972, etc. and relevant State Rules) shall continue to remain applicable.**

**The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:**

- **All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove; and**
- **All operative provisions of the erstwhile Labour Laws until their complete substitution.**

**All obligations relating to wages, social security, safety, working conditions, industrial relations etc. and any other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.**

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

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 निविदा 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।/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.

**---धन्यवाद/Thank You---**