

**INVITATION OF EXPRESSION OF INTEREST (EoI) FOR NDRF EQUIPMENT**

1. NDRF is the lead federal force responsible for responding to all types of natural and man-made disasters NDRF acknowledge the importance of having reliable equipment to enhance the efficiency and effectiveness of rescue operations.
2. NDRF now intends to procure Disaster Management equipment for each of its 16 Units/Academy Accordingly, NDRF has prepared a draft technical specification for the following Battery-Operated DM equipment required to enhance the efficiency and effectiveness of rescue operations: -

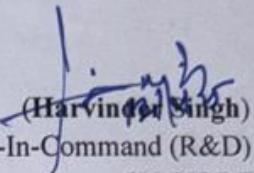
<b>S/No</b>	<b>Equipment Name</b>
a.	<b>Battery Operated Chipping Hammer (Heavy)</b>
b.	<b>Battery Operated Drill Machine</b>
c.	<b>Diamond Chain Saw</b>
d.	<b>Angle Cutter (14 Inch)</b>

3. The draft specifications are appended as **Appendix- A**.
4. In this context, NDRF invites Expressions of Interest (EoI) from eligible manufacturers, suppliers and vendors to submit their comments and suggestions. In case these specifications do not match with the available equipment in the market, the same may be highlighted and the specification of the equipment available in the market may kindly be provided with the same functionality. The purpose of the EoI document is to provide necessary information to NDRF so that genuine and generalized specifications can be framed and finalized for further procurement, and no gap exists in the specifications of the items available in the market out the specificness floated in the bid by NDRF.
5. This EoI is not an offer by NDRF or a tender document but it is an invitation to receive responses from eligible manufacturers, suppliers, and vendors in the industry the draft specification framed by NDRF.
6. Eligibility Criteria: The minimum eligibility criteria for an entity to participate in the EoI is as follows: -
  - i. The entity must be a manufacturer or vendor/supplier/dealer registered in India under relevant applicable Acts and Laws.
  - ii. The entity must have some experience in the supply of such equipment.
  - iii. NDRF may call manufacturers, suppliers and vendors to conduct the demonstration/field trial of such equipment if needed before finalizing the specification
7. Documents to be submitted: The following documents are required to be submitted as part of the response to this EoI.
  - i. Documents supporting Eligibility Criteria as mentioned above.
  - ii. List of equipment catalogue with detailed technical specifications along with estimated cost if possible.
7. Eligible manufacturers, suppliers and vendors who have the competence and experience to carry out such work are requested to submit the suggestion/comments (EoI) along with supporting documents within 21 days.

**(Cont./P-2)**

**-Important timelines-**

Event	Timeline
Last date of submission of responses	Within 21 Days Email:- <a href="mailto:rd-cell.ndrf@gov.in">rd-cell.ndrf@gov.in</a> , <a href="mailto:dcproc-cell-ndrf@gov.in">dcproc-cell-ndrf@gov.in</a>

  
(Harvinder Singh)  
Second-In-Command (R&D)  
HQ NDRF

No. 1-17018/R&D/Bty-Optd/115355 /SRC//HQ NDRF/2014/67 Dated 13 /02/2025

**Copy to:-**

1. PS to DG NDRF : For kind info to DG NDRF, please
2. PA to IG, NDRF : For kind info to IG NDRF, please
3. PA to DIG (Proc.), HQ NDRF : For kind info to DIG (Proc.) NDRF, please
4. Proc. Branch, HA NDRF : For kind info, please.
5. IT Cell, HQ NDRF : For kind info & request upload the EoI document along with the draft specification on NDRF website for 21 Days.  
Email:- [website.ndrf@gov.in](mailto:website.ndrf@gov.in)

**Bid Document/ बिड दस्तावेज़**

<b>Bid Details/बिड विवरण</b>	
<b>Bid End Date/Time/बिड बंद होने की तारीख/समय</b>	06-03-2025 17:00:00
<b>Bid Opening Date/Time/बिड खुलने की तारीख/समय</b>	06-03-2025 17:30:00
<b>Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)</b>	30 (Days)
<b>Ministry/State Name/मंत्रालय/राज्य का नाम</b>	Ministry Of Home Affairs
<b>Department Name/विभाग का नाम</b>	Central Armed Police Forces
<b>Organisation Name/संगठन का नाम</b>	National Disaster Response Force (ndrf)
<b>Office Name/कार्यालय का नाम</b>	Hq Ndrf New Delhi
<b>क्रेता ईमेल/Buyer Email</b>	rd-cell.ndrf@gov.in
<b>Total Quantity/कुल मात्रा</b>	1
<b>Item Category/मद केटेगरी</b>	EoI for 04 Nos battery-operated DM Equipment
<b>GeMARPTS में खोजी गई स्ट्रिंग / Searched Strings used in GeMARPTS</b>	EoI for 04 Nos battery-operated DM Equipment
<b>GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS</b>	Crop Protection Equipment - Hand Operated Compression Knapsack Sprayer for Agriculture as per IS 3906, Forklifts (V2) as per IS 6765:2003 and IS 10517, Crop Protection Equipment - Hand Operated Knapsack Sprayer, Piston Type for Agriculture as per IS 3906
<b>अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification</b>	<ul style="list-style-type: none"> <li>Angle Cutter (Electric)</li> <li>Chipping hammer heavy weight</li> <li>Diamond Chain Saw</li> </ul>
<b>MSE Exemption for Years Of Experience/अनुभव के वर्षों से एमएसई छूट/ and Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है</b>	Yes
<b>Startup Exemption for Years Of Experience/अनुभव के वर्षों से स्टार्टअप छूट/ and Turnover/ टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है</b>	Yes

<b>Bid Details/बिड विवरण</b>	
<b>Document required from seller/विक्रेता से मांगे गए दस्तावेज़</b>	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
<b>Do you want to show documents uploaded by bidders to all bidders participated in bid?/</b>	No
<b>Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया</b>	No
<b>Type of Bid/बिड का प्रकार</b>	Single Packet Bid
<b>Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमति समय</b>	5 Days
<b>Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)</b>	No
<b>Evaluation Method/मूल्यांकन पद्धति</b>	Total value wise evaluation
<b>Arbitration Clause</b>	No
<b>Mediation Clause</b>	No

#### **EMD Detail/ईएमडी विवरण**

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

Required/आवश्यकता	No
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#### **MII Purchase Preference/एमआईआई खरीद वरीयता**

MII Purchase Preference/एमआईआई खरीद वरीयता	No
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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. 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.

#### Pre Bid Detail(s)

Pre-Bid Date and Time	Pre-Bid Venue
21-02-2025 15:00:00	HQ NDRF, NDCC-II Building, Jai Singh Road, New delhi

#### EoI For 04 Nos Battery-operated DM Equipment ( 1 the number pi )

##### Technical Specifications/तकनीकी विशिष्टियाँ

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

S.No./क्र. सं.	Consignee Reporting/Officer/ प्रेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Harvinder Singh	110001, HQ DG, NDRF, 6TH FLOOR, NDCC-II BUILDING, JAI SINGH ROAD, NEW DELHI	1	15

## 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 % 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

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.

## 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.

**All GeM Sellers / Service Providers are mandated to ensure compliance with all the applicable laws / acts / rules including but not limited to all Labour Laws 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. Any non-compliance will be treated as breach of contract and Buyer may take suitable actions as per GeM Contract.**

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 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।

**---Thank You/धन्यवाद---**

**A. Draft Technical Specifications along with TDs For Battery Operated Chipping Hammer (Heavy)**

S.No	Draft Specification	Trial Directives	Firm Suggestion/Comments
1	With adjustable bits		
2	Chiselling impact rate – More than 800 bpm	BOO to check and verify the parameter through Govt/NABL approved lab test report	
3	Single impact force –45J or more	BOO to check and verify the parameter through Govt/NABL approved lab test report	
4	Battery- 18 to 40 V Min 5 Ah	BOO to check and verify the parameter through Govt/NABL approved lab test report	
5	Weight:- 24-32 kg with battery type of site and at all angles)	BOO to physically measure the weight of the equipment with calibrated weighing machine.	
6	Shock proof body with required accessories & lubricant.	BOO to physically check the parameter and verify through OEM certifications.	
7	Equipment must have a dust seal to protect from entering of dust inside the machine.	BOO to physically check the parameter	
8	Adjustable Auxiliary Handle	BOO to physically check the parameter	
9	Eqpt. Should be certified from national BSA/international (EPTO) agencies.	BOO to physically check the certification	
10	Easy to operate on/off slide switch, mode selector switches etc	BOO to physically check and verify the parameter	
11	Equipment must have an active vibration absorbing system (AVAS) and should fulfil adequate safety norms as per international standard.	BOO to check and verify the parameter through lab test report from Govt/NABL approved labs	
12	Equipment must be supplied with two bits [one flat(12"-18") & one pointed tipped (12"-18")] & one set of spare bits. Bit diameter to match with the size of bit along with standard Grease, spare ear plugs, dust cap.	BOO to physically check and verify parameter.	
13	Protective/Carrying/Housing case should be made up of hard durable plastic material. And should be designed that it fully protects the eqpt from getting damaged and for easy handling of eqpt during transit.	BOO to check & verify the the parameter through OEM certification/ undertaking	
14	Noise level :- not more than 120 dB.	BOO to check and verify the parameter through Govt/NABL approved lab test report	

<p><b>Technical Specification of Charger:</b></p> <p><b>Charger Input Voltage - 220-240 V 50 Hz</b></p> <ul style="list-style-type: none"> <li>-Quick Charge Current- 5 to 15 A</li> <li>-Charging Time- 50 to 100 Minutes</li> <li>-Charging Status Indicator- Yes</li> <li>-Weight of fast charger Max 800gm</li> </ul> <p><b>Lithium Battery Technical Specification</b></p> <ul style="list-style-type: none"> <li>-Number of batteries supplied- 01 no . M ain and 01 no . – Reserve</li> <li>-Battery type -Lithium Ion</li> <li>-Uniform charging and discharging- Yes</li> <li>-Voltage Overload protection- Yes</li> </ul>	<p>BOO to physically check the parameters and verify through lab test report of Govt/NABL approved lab.</p>	
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**B. Draft Technical Specifications along with TDs Battery Operated Drill Machine**

S N	Draft Specifications	Trial Directives	Firm Suggestion/Comments
1	Input power : 12 V to 18 V, Min 5 Ah	BOO to physically check and verify the parameter through OEM certificate	
2	No load speed : 0 to 2000 RPM	BOO to check and verify the parameter through lab test report of Govt/NABL approved lab.	
3	Weight : Less than 03 kg with battery	BOO to physically measure and verify the weight of equipment	
4	Shock proof body with different sizes of bits for both metal & wood	BOO to check and verify the parameter through lab test report of Govt/NABL approved lab.	
5	<p><b>ELECTRIC DRILL BIT SET</b></p> <p>a) Bit type: Material bits used for wood &amp; metal cutting.</p> <p>b) Bit diameter: Complete set of 19 bits from 1 mm to 10 mm.</p> <p>c) Compatibility: Compatible with Drill equipment.</p> <p>d) Material- High speed steel</p> <p>e) Hardness –760 HV Min, 900 HV MAX</p> <p>f) Hand of cutting unless otherwise specified Right.</p> <p>g) The drills shall be manufactured in one piece and shall be free from cracks and burrs.</p> <p>h) The two cutting edges of the centre drill shall be diametrically Opposite.</p> <p>i) The drill shall be properly sharpened and ready for use.</p> <p>j) Each centre drill shall be covered with a suitable rust proofing material.</p>	<p>For d) &amp; e) BOO to check and verify the parameter through lab test report of Govt/NABL approved lab.</p> <p>For f), g) &amp; j) BOO to verify through OEM certificate.</p> <p>For rest options, BOO to physically check and verify the parameters</p>	

**C. Draft Technical Specifications along with TDs For Battery Operated Diamond Chain Saw**

<b>S.No.</b>	<b>Specs</b>	<b>Draft Specification</b>	<b>Trial Directives</b>	<b>Firm Suggestion/Comments</b>
1.	Power/ Engine	a. Battery Voltage- 18V - 40V b. Battery Capacity- Minimum 8Ah high output battery c) Battery type- Li-ion	BOO to check and verify the parameters through lab test reports of Govt/NABL accredited lab	
2.	Shielding	The starter shall be shielded from the dust & water. It shall have electronic ignition protected from water and single spring clutch proofed from water and concrete.	BOO to physically check and verify the parameters	
3.	Noise Level	Should not exceed 105 db at 01 mtr	BOO to physically check the parameter and verify through OEM certificate	
4.	Cutting Capability	Shall be capable of cutting RCC up to 360 mm thick and iron rod up to 12 mm dia.	BOO to physically check and verify the parameters	
5.	Water Supply Required	Water supply required by the chain while cutting shall not exceed 10 lts/Min.	BOO to physically check and verify the parameters	
6.	Measures	The chain saw shall also be provided with measures/Attachment for reducing the force required during cutting operation in order to reduce fatigue on operator.	BOO to physically check and verify the parameters	
7.	Operator Safety	It shall also be provided with foam covered full wrap handles, momentary contract on off switch, water pressure gauge, 360 degree swivel hose connector, sprocket side cover and guard flap for operator safety.	BOO to physically check and verify the parameters	
8.	Weight	Not more than 20 kgs.	BOO to physically measure the weight using calibrated weighing scale	

9.	Cutting Rate	10 to 25" per min or more	BOO to physically check and verify the parameters	
10.	Battery	Spare batteries required	BOO to check and verify the accessories as mentioned	
11.	Charger	<p><b>Technical Specification of Charger</b></p> <p><b>Charger Inger Input Voltage- 220-240 V 50 Hz</b></p> <p>a. Quick Charge Current- 5 to 15 A</p> <p>b. Charging Time- 100 to 140 Min</p> <p>c. Charging Status Indicator- Yes</p> <p>d. Weight of fast charger- Max 800 gm</p>	<p>BOO to physically check the parameter &amp; verify through Govt/ NABL approved lab test report/ OEM certificate.</p> <p>BOO to physically check the weight using calibrated weighing scale.</p>	

**D. Draft specifications along with TDs of Battery-Operated Angle cutter**

S.No.	Draft Specification	Trial Directives	Firm Suggestion/Comments
1.	18-40 V battery operated  No load speed- 3000 to 5000 rpm  Full load speed- 3000 rpm+10%	BOO to check and verify the parameters through lab test reports of Govt/ NABL accredited lab.	
2.	The saw is to mount replaceable Min 165 mm diameter diamond-tipped or tungsten carbide tipped blade Min 20 mm arbor. The saw should be able to cut to a minimum depth of - 50 mm. One tungsten carbide-tipped blade will be provided as an integral component of the equipment.	BOO to physically check and verify the parameters	
3.	It should be possible to adjust the position of the tool body through a minimum of upto 45 0 independently of the cutting depth. It should also be possible to remove the tool base for cutting closer to walls and should be provided with guide wheels on the tool guard to ensure smooth travel over the surface material.	BOO to physically check and verify the parameters	
4.	Operator Comfort and Safety Provisions  A vacuum port for removal of the dust and debris as well as shield for keeping debris away from the operator will be provided.  A system for disengaging gears from motor to minimize effect of kickbacks will be provided to ensure operator safety.  Optional : A rubberized wrap around handle will be provided.	BOO to physically check and verify the parameters	
5.	Accessories	BOO to check and verify the accessories as mentioned in specifications	

	<p>The following accessories will be provided with each set:-</p> <p>One spare tungsten carbide tipped blade and two continuous rim diamond tipped blades .</p> <p>Carrying case</p> <p>Tool kit</p> <p>Operation and Maintenance manual</p>		
6.	Operating Temp- -15 to +50 0 C	BOO to check & verify the parameter through Govt/NABL approved lab test report for operating temperature & Environmental test in extreme conditions.	
7.	<p>Technical Specification for Battery</p> <p>Number of batteries supplied- 01 no . – Main and 01 no . – Reserve</p> <p>Battery Voltage- 18V - 40V</p> <p>Battery Capacity- Minimum 8Ah high output battery</p> <p>d. Battery type- Li-ion</p>	<p>a. BOO to physically check the parameter.</p> <p>For b, c &amp; d, BOO to physically check the parameters &amp; verify through OEM certificate for battery power/ battery type</p>	
8.	Uniform charging and discharging - Yes	BOO to verify through Govt/NABL approved lab test report.	
9.	Overload Voltage protection- Yes	BOO to verify through Govt/NABL approved lab test report.	
10.	<p>Battery Level Indictor- Yes</p> <p>Battery weight- max 02Kg</p>	BOO to physically check the parameter.	
11.	Suitable moulded plastic case/light Metal case- Yes	BOO to physically check the parameter & verify through OEM certificate.	

12.	Service warranty-10 Years  Cost free warranty -01 Year	BOO to physically check the parameter & verify through OEM certificate.	
13.	Certification- BIS/EN	Compliance certification to be produced by Firms/OEM for BIS/EN.  Firm/OEM to provide IEC 62133 or BIS 16046- test reports.	
14.	Technical Specification of Charger Charger Input Voltage- 220-240 V 50 Hz  Quick Charge Current- 5 to 15 A  Charging Time- 100 to 140 Min  Charging Status Indicator- Yes  Weight of fast charger- Max 800 gm	BOO to physically check the parameter & verify through Govt/NABL approved lab test report/OEM certificate.  BOO to physically check the weight using calibrated weighing scale.	
15.	Other features may include -  a) Dual action trigger  b) Large metal chip/Dust collector  c) Battery protection against overloading  d) LED lights for better information of work area  e) Guide rail capability for precision cutting	a), b) d) & e) BOO to physically check the parameter.  c) BOO to check & verify the parameter through lab test report of Govt/NABL approved lab	
16.	Other Accessories  Operator's Manual  Grease and Lubricants  Safety and Warning Labels  Any other accessories required with the equipment	BOO to physically check all the accessories.	