



Bid Number/बोली क्रमांक (बिड संख्या):
GEM/2023/B/3879692
Dated/दिनांक : 26-08-2023

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	05-09-2023 18:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	05-09-2023 18:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	65 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Heavy Industries And Public Enterprises
Department Name/विभाग का नाम	Department Of Heavy Industry
Organisation Name/संगठन का नाम	Bharat Heavy Electricals Limited (bhel)
Office Name/कार्यालय का नाम	10140027-hpbp Trichy
Total Quantity/कुल मात्रा	1
Item Category/मद केटेगरी	Orthopedic Battery Operated Drill System (Q3)
MSE Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से एमएसई छूट	No
Startup Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से स्टार्टअप छूट	No
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Certificate (Requested in ATC),OEM Authorization Certificate,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	50% Lowest Priced Technically Qualified Bidders
Type of Bid/बिड का प्रकार	Two Packet Bid
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	2 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No

Bid Details/बिड विवरण

Payment Timelines	Payments shall be made to the Seller within 90 days of issue of consignee receipt-cum-acceptance certificate (CRAC) and on-line submission of bills (This is in supersession of 10 days time as provided in clause 12 of GeM GTC)
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation

EMD Detail/ईएमडी विवरण

Required/आवश्यकता	No
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ePBG Detail/ईपीबीजी विवरण

Required/आवश्यकता	No
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Splitting/विभाजन

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

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. 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 100%(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.

2. 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.

3. Reverse Auction would be conducted amongst first 50% of the technically qualified bidders arranged in the order of prices from lowest to highest. Number of sellers eligible for participating in RA would be rounded off to next higher integer value if number of technically qualified bidders is odd (e.g. if 7 bids are technically qualified, then RA will be conducted amongst L-1 to L-4). In case number of technically qualified bidders are 2 or 3, RA will be between all without any elimination. If Buyer has chosen to split the bid amongst N sellers, then minimum N sellers would be taken to RA round. In case Primary products of only one OEM are left in contention for participation in RA based on lowest 50% bidders qualifying for RA, the number of sellers qualifying for RA would be increased to get at least products of one more OEM (directly participated or through its reseller) if available. Further, if bid(s) of any seller(s) eligible for MSE preference is / are coming within price band of 15% of Non MSE L-1 or if bid of any seller(s) eligible for Make in India preference is / are coming within price band of 20% of non MII L-1, then such MSE / Make in India seller shall also be allowed to participate in the RA process.

Orthopedic Battery Operated Drill System (1 pieces)

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
GENERAL FEATURES	Scope of Supply	2) Drill and Reamer Hand piece, Drilling and Reaming Attachments, Batteries, Battery Charger and sterilization case
HANDPIECE FOR DRILLING & REAMING	Trigger Type	Single
	Modes available	Forward and Reverse Mode
	Drill Speed	800 rpm or better
	Drill Torque	30 in. lbs or better
	Ream Torque	80 in. lbs or better
	Weight of handpiece with battery	900.0 - 1500.0 Or lower (gram)
DRILLING AND REAMING ATTACHMENTS	Hudson reamer attachment to be provided	No
	AO reamer attachment to be provided	Yes
	AO type drill attachment with quick coupling to be provided	Yes
	Jacobs Chuck with minimum 6 mm opening to be provided	Yes
	Keyless chuck to be provided	No
	Wire driver attachment to be provided	No
	Pin driver attachment to be provided	No

Specification	Specification Name/विशिष्ट का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	DHS reamer attachment with quick coupling to be provided	No
OSCILLATING/SAGIT AL SAW HAND PIECE	Ergonomic pistol grip design for maximum comfort and control	Yes
	Switch for hand piece modes and safe mode	NA
	Should be totally sealed to allow use in washer Sanitizer	NA
	Blade mount should be adjustable to different angles with 360 degree rotation	NA
	Should have tool less mounting of accessories for all blades or attachments	Yes
	Saw Speed	10000 cpm or more
	Cutting Arc	Between 4 to 5 degree
	Saw noise level (Decibel)	0.0 - 80.0 Or lower
	Autoclavable Hand Piece	Yes
	Special blades each for TKR and THR to be provided (Nos)	0
RECIPROCATING SAW HAND PIECE	Ergonomic pistol grip design for maximum comfort and Control	NA
	Switch for hand-piece modes and safe mode	NA
	Should be totally Sealed to allow use in washer sanitizer	NA
	Should have tool less mounting of Accessories for all blades or Attachments	NA
	Reciprocating Saw Speed	NA
	Weight of hand piece with the battery	0.0 - 0.0 Or lower (gram)
	Noise level of Saw (Decibel)	0.0 - 0.0 Or lower
	Reciprocating saw blades to be provided (Nos)	0
BATTERY SPECIFICATIONS	Type of Battery	NiMh, NiCd, Lithium ion Battery
	Number of batteries to be provided	2, 3, 4 Or higher
	Autoclavable outer housing for batteries to be provided (Nos)	0

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Transfer shroud for Battery to be provided (Nos)	2, 3, 4 Or higher
BATTERY CHARGER SPECIFICATIONS	Number of batteries that can be charged simultaneously at a time	2 or more, 4 or more Or higher
CERTIFICATIONS & REPORTS	Product certification	EU-CE (From Notified Body)
	Manufacturer's Certification	ISO 13485 : Latest
DOCUMENTATION	Certificate of calibration to be provided if any	Yes

Additional Specification Parameters - Orthopedic Battery Operated Drill System (1 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Specification as enclosed in ATC	Specification as enclosed in 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	Fousiya E K	620014, MATERIALS MANAGEMENT, IV FLOOR, BUILDING -24, HIGH PRESSURE BOILER PLANT, BHARAT HEAVY ELECTRICALS LIMITED, TIRUCHIRAPPALLI 14	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**

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

3. **Generic**

Bidder shall submit the following documents along with their bid for Vendor Code Creation:

- a. Copy of PAN Card.
- b. Copy of GSTIN.
- c. Copy of Cancelled Cheque.
- d. Copy of EFT Mandate duly certified by Bank.

4. **Generic**

While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.

5. **Purchase Preference (Centre)**

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% 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 percentage of 100% of total value.

6. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

ADDITIONAL TERMS AND CONDITIONS FOR GEM ENQUIRY

1. Delivery term shall be FOR BHEL stores, Trichy inclusive of packing, forwarding, freight and insurance charges.
2. **MACHINE PACKING:** Rigid packing for all items, all accessories and other supplied items to avoid any damage/loss in transit. When machine is dispatched, If any, all small loose items shall be suitably packed in boxes.
3. **Payment Term:** As per GeM Conditions. Payment will be released within 45 / 60/ 90 days of issue of CR AC and submission of guarantee certificate (Micro and small enterprises – 45 days, medium enterprises – 60 days and non-MSME enterprise – 90 days).
4. **GUARANTEE:** 5 Year Warranty.
5. **e-PERFORMANCE BANK GUARANTEE (ePBG):** Not applicable

6. Fraud Prevention Policy: Bidder along with its associate /collaborators /sub-contractors /sub-vendors / consultants / service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website <http://www.bhel.com> and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice.

7. Risk Purchase clause:

a. In the event of any successful Tenderer's failure to fulfil any of the tender / Contract obligations including supply of whole or any part of the ordered items as per Contract / Agreement, BHEL has the right to terminate the contract and purchase from elsewhere, at the risk and cost of the defaulted supplier, either the whole of the goods or any part which the supplier has failed to deliver or dispatch

within the time stipulated in the contract or if the same were not available, the best and nearest available substitute thereof. The supplier shall be liable for the additional expenditure/difference in Cost, if any, including consequential losses which BHEL may sustain by reason of risk purchase in addition to the applicable LD as per the Purchase order/contract.

b. The decision of BHEL with regard to the additional expenditure / difference in cost and consequential losses incurred by BHEL shall be final and binding on the supplier.

c. The amount recoverable under risk purchase shall be recovered from the defaulted supplier in all or any of the following manners:

i. from dues available in the form of Bills payable to defaulted supplier, SD, BGs against the same contract.

ii. from the dues payable to defaulted supplier against other contracts in the same Region/Unit /any other region/unit

iii. In-case recoveries are not possible with any of the above available options, Legal action shall be initiated for recovery against defaulted supplier.

GST on amount recoverable from vendor under Risk Purchase Clause

In accordance with Sec. 7 of CGST Act, 2017, read with clause 5(e) of Schedule II to CGST Act, 2017, amount recovered / recoverable by BHEL from vendor / contractor for non-performance of work as per contract shall be treated as "Supply of service" by BHEL and accordingly GST shall be applicable.

GST shall be applicable on amount being recovered / recoverable from such vendor / contractor. In case only the differential cost is being recovered from new vendor / contractor, GST shall be applicable on same.

As per Sec. 13, read with Sec. 31 of CGST Act, 2017, GST shall be applicable when such recovery against non-performance of work has been determined and accordingly accounted for in Books of Accounts.

8. Cartel Formation: The Bidder declares that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s). This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process. In case, the Bidder is found having indulged in above activities, suitable action shall be taken by BHEL as per extant policies/ guidelines.

9. GST Conditions:

Response to Tenders for Indigenous supplier will be entertained only if the vendor has a valid GST registration Number (GSTIN) which should be clearly mentioned in the offer. If the dealer is exempted from GST registration, a declaration with due supporting documents need to be furnished for considering the

offer. Dealers under composition scheme should declare that he is a composition dealer supported by the screen shot taken from GSTN portal. The dealer has to submit necessary documents if there is any change in status under GST.

Supplier shall mention their GSTIN in all their invoices (incl. credit Notes, Debit Notes) and invoices shall be in the format as specified/prescribed under GST laws. Invoices shall necessarily contain Invoice number (in case of multiple numbering system is being followed for billing like SAP invoice no, commercial invoice no etc., then the Invoice No. which is linked/uploaded in GSTN network shall be clearly indicated), Billed to party (with GSTIN) & Shipped to party details, item description as per PO, Quantity, Rate, Value, applicable taxes with nomenclature (like IGST, SGST, CGST & UTGST) separately, HSN/ SAC Code, Place of Supply etc. Wherever E-Invoice is applicable, the tax invoice/ CN / DN submitted by the vendor must contain the QR code generated in E-Invoice Portal & IRN.

All invoices shall bear the HSN Code for each item separately (Harmonized System of Nomenclature)/ SAC code (Services Accounting Code).

Invoices will be processed only upon completion of statutory requirement and further subject to following:

- Vendor declaring such invoice in their GSTR-1 Return/ IFF
- Receipt of Goods or Services and Tax invoice by BHEL.

As the continuous uploading of tax invoices in GSTN portal (in GSTR-1/ IFF) is available for all (i.e. both Small & Large) tax payers, all invoices raised on BHEL may be uploaded immediately in GST portal on dispatch of material /rendering of services. The supplier shall ensure availability of Invoice in GSTN portal before submission of invoice to BHEL. Invoices will be admitted by BHEL only if the invoices are available in GSTN portal (in BHEL's GSTR-2A/ GSTR-2B).

In case of discrepancy in the data uploaded by the supplier in the GSTN portal or in case of any shortages or rejection in the supply, then BHEL will not be able to avail the tax credit and will notify the supplier of the same. Supplier has to rectify the data discrepancy in the GSTN portal or issue credit note or debit note (details also to be uploaded in GSTN portal) for the shortages or rejections in the supplies or additional claims, within the calendar month informed by BHEL.

In case GST credit is denied to BHEL due to non-receipt or delayed receipt of goods and/ or tax invoice or expiry of timeline prescribed in GST law for availing such ITC, or any other reasons not attributable to BHEL, GST amount claimed in the invoice shall be disallowed to the vendor.

Where any GST liability arising on BHEL under Reverse Charge (RCM), the vendor has to submit the invoices to BHEL well within the timeline prescribed in GST Law, to enable BHEL to discharge the GST liability. If there is a delay in submission of invoice by the vendor resulting in delayed payment of GST by BHEL along with Interest, then such Interest payable or paid shall be recovered from the vendor.

Under GST regime, BHEL has to discharge GST liability on LD recovered from suppliers/contracts. Hence applicable GST shall also be recoverable from suppliers/contractors on LD amount. For this Tax Invoice will be issued by BHEL indicating the respective supply invoice number.

GST TDS will be deducted as per Section 51 of CGST Act 2017 and in line with Notification 50/2018 -Central Tax dated 13.09.2018. GST TDS certificate will be generated in GSTN portal subsequent to vendor accepting the TDS deduction in the GSTN portal & the vendor can directly download the Certificate from the GSTN Portal.

10. **Conflict of interest:**

"A bidder shall not have conflict of interest with other bidders. Such conflict of interest can lead to anti-competitive practices to the detriment of Procuring Entity's interests. The bidder found to have a conflict of interest shall be disqualified. A bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if:

- a) they have controlling partner (s) in common; **or**
- b) they receive or have received any direct or indirect subsidy/ financial stake from any of them; **or**
- c) they have the same legal representative/agent for purposes of this bid; **or**

d) they have relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder; **or**

e) Bidder participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all bids in which the parties are involved. However, this does not limit the inclusion of the components/ sub-assembly/ Assemblies from one bidding manufacturer in more than one bid; **or**

f) In cases of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorize only one agent/dealer. There can be only one bid from the following:

1. The principal manufacturer directly or through one Indian agent on his behalf; and
2. Indian/foreign agent on behalf of only one principal; **or**

g) A Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the contract that is the subject of the Bid; **or**

h) In case of a holding company having more than one independently manufacturing units, or more than one unit having common business ownership/management, only one unit should quote. Similar restrictions would apply to closely related sister companies. Bidders must proactively declare such sister/ common business/ management units in same/ similar line of business."

11. Document Approval: In case of PO placements, required documents have to be submitted for approval within 15 days from the date of PO & reply for any further clarification has to be within 7 days. Any delay beyond the above specified period will be considered during LD calculation.

12. Documents required as in Bid Specific Additional Scope of Work:

01. Covering letter
02. Unpriced offer for Scope of Supply.
03. Filled up and Signed Technical Specification along with ATC.
04. UDYAM certificate copy (if MSE Category)
05. PAN Card copy
06. GST certificate copy
07. GeM Seller ID screenshot (inclusive of Bank details)
08. Vendor Details (Annexure-C)

13. Incident management Policy on GeM:

GeM is a trust based system and self- declaration is the key, along with a strong automated process to penalize any deviant behavior on part of Sellers / Buyers. For this purpose, deviations from the terms and conditions of procurement on GeM, including general terms and conditions, special and additional terms and conditions and any other relevant Government rules and guidelines, are termed as "deviation". A deviation can occur while listing the products on GeM, at pre- contract stage, during bidding or at post contract stage on GeM. The mechanism for reporting and initiating action on such deviation has been detailed in the Incident Management Policy available on GeM portal under Resources. All stakeholders of GeM shall be bound by the actions as detailed in the Incident Management Policy.

All administrative actions under this Incident Management Policy, taken by GeM against any of the stakeholders shall not cause any limitation on the legal and/or contractual remedies including any financial recoveries, available to Buyers/Sellers under the Terms and Conditions of contract and/or GeM policies. In case the Buyer / Seller choose to pursue any of these remedies, GeM shall not be made party to such proceedings / remedial actions taken by Buyer/Seller under the contractual provisions.

If any individual has registered multiple proprietorship concerns as separate seller entities on GeM under different business names (with same PAN), all such Seller entities would be equally impacted by the action taken against any one of such entities for his default / deviation under incident management policy.

All the allied firms, as per definition of DOE's OM number F.1/20/2018PPD dated 02/Nov/2021, will be equally impacted by the action taken against any one of such entities for the default / deviation un

der Incident Management Policy.

Following is the definition of allied firms: All concerns which come within the sphere of effective influence of the debarred firms shall be treated as allied firms. In determining this, the following factors may be taken into consideration:

- a. Whether the management is common.
- b. Majority interest in the management is held by the partners or directors of banned / suspended firm.
- c. Substantial or majority shares are owned by the banned/ suspended firm and by virtue of this it has as a controlling voice.
- d. Directly or indirectly controls or is controlled by or is under common control with another bidder.
- e. All successor firms will also be considered as allied firms.

14. Liquidated Damages: If the Seller/Service Provider fails to deliver any or all of the Goods/Services within the original/re-fixed delivery period(s) specified in the contract, the Buyer will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid, @ 0.5% of the contract value of delayed quantity per week or part of the week of delayed period as pre-estimated damages not exceeding 10% of the contract value of delayed quantity without any controversy/dispute of any sort whatsoever.

15. Dispatch Clearance: Supplier has to dispatch the material/item/equipment only after the issuance of Dispatch clearance from BHEL Trichy. Even though dispatch clearance has been issued by BHEL Trichy, it does not absolve supplier responsibility of supplying the machine to the agreed specification, standard, and ensuring performance of the equipment as per the terms and conditions of the PO.

16. Delivery Period for supply – 90 days. Order acceptance, submission of CEBG, drawings etc., should not be linked to the delivery period.

Note:

1. BHEL may negotiate the L1 rate, if not meeting our budget / estimated cost. BHEL may re-float the tender opened, if L1 price is not acceptable to BHEL.
2. BHEL reserves its right to reject an offer due to unsatisfactory past performance by the respective Vendor or in the execution of any contract to any BHEL project / Unit.
3. Any other Technical - Commercial Terms indicated by the vendor in their offer elsewhere will be ignored. BHEL will proceed with tender evaluation as per GeM general terms and conditions and ATC only.

Technical Specification:

GENERAL FEATURES	Orthopedic Battery Operated Drill System (2nd generation)
Product name	Orthopedic Battery Operated Drill System
Scope of Supply	2) Drill and Reamer Hand piece, Drilling and Reaming Attachments, Batteries, Battery Charger and sterilization case

HANDPIECE FOR DRILLING & REAMING	
Type of hand piece	Modular
Hand piece should allow quick and easy change from drilling function to reaming function	Yes
Trigger Type	Single
Hand piece should have ergonomic pistol grip design for maximum comfort and control	Yes
Streamlined design for optimum visibility of the surgical site	Yes
Switch for hand piece modes and safe mode	Yes
Should be totally sealed to allow use in washer sanitizer	Yes
Modes available	Forward and Reverse Mode
Drill Speed	800 rpm or better
Ream Speed	250 rpm or better
Hand piece should have provision of variable speed control	Yes
Drill Torque	30 in. lbs or better
Ream Torque	80 in. lbs or better
Appropriate adaptors for drilling, reaming, pin placement and wire placement to be provided	Yes
Weight of hand piece with battery	1500 gram
Tool less attachments insertion	Yes
Autoclavable	Yes
DRILLING AND REAMING ATTACHMENTS	
All the attachments should be compatible with the hand piece	Yes
Hudson reamer attachment to be provided	No
AO reamer attachment to be provided	Yes
AO type drill attachment with quick coupling to be provided	Yes
Jacobs Chuck with minimum 6 mm opening to be provided	Yes
Keyless chuck to be provided	No

Wire driver attachment to be provided	No
Pin driver attachment to be provided	No
DHS reamer attachment with quick coupling to be provided	No
OSCILLATING/SAGITAL SAW HAND PIECE	
Ergonomic pistol grip design for maximum comfort and control	Yes
Switch for hand piece modes and safe mode	NA
Should be totally sealed to allow use in washer Sanitizer	NA
Blade mount should be adjustable to different angles with 360 degree rotation	NA
Should have tool less mounting of accessories for all blades or attachments	Yes
Saw Speed	10000 cpm or more
Cutting Arc	Between 4 to 5 degree
Weight of hand piece with battery	1500 gram
Saw noise level (Decibel)	80
Autoclavable Hand Piece	Yes
Special blades each for TKR and THR to be provided (Nos)	0
RECIPROCATING SAW HAND PIECE	
Ergonomic pistol grip design for maximum comfort and Control	NA
Switch for hand-piece modes and safe mode	NA
Should be totally Sealed to allow use in washer sanitizer	NA
Should have tool less mounting of Accessories for all blades or Attachments	NA
Reciprocating Saw Speed	NA
Weight of hand piece with the battery	0 gram
Noise level of Saw (Decibel)	0
Autoclavable hand piece	NA
Reciprocating saw blades to be provided (Nos)	0
BATTERY SPECIFICATIONS	

Type of Battery	NiMh
Number of batteries to be provided	2
Minimum run time of batteries	15 minutes or more
Battery Voltage	Between 9 to 15 Volt DC
Autoclavable outer housing for batteries to be provided (Nos)	0
Transfer shroud for Battery to be provided (Nos)	2
BATTERY CHARGER SPECIFICATIONS	
Input Voltage	220-240 volts
Should be easy to use and intuitive interface	Yes
Fully automatic charging process	Yes
Number of batteries that can be charged simultaneously at a time	2 or more
Capability to identify the worn out battery	Yes
Indicator to provide battery status for charging	Yes
ACCESSORIES	
Sterilization case from the same manufacturer to accommodate all the items for autoclave to be provided	Yes
CERTIFICATIONS & REPORTS	
Availability of performance certificate from at least 2 users preferably from Govt Institute which is to be provided to the buyer on demand	Yes
Product certification	EU-CE (From Notified Body)
Four digit number of notified body If product is EU-CE certified	7003
Manufacturer's Certification	ISO 13485 : Latest
Submission of all the certifications to the buyer along with supplies	Yes
WARRANTY	
Warranty (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)	5 year
TRAINING	
Training of users to be provided	Yes

Supplier to perform safety and operation checks before handover	Yes
Contact details of manufacturer, supplier and local service agent to be provided	Yes
DOCUMENTATION	
User/Technical/Maintenance manuals in English/Hindi to be supplied	Yes
Certificate of calibration to be provided if any	Yes

Additional requirement	
Supplier to demonstrate the equipment features at BHEL hospital	bidder to confirm

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. Any clause(s) incorporated by the Buyer regarding following shall be treated as null and void and would not be considered as part of bid:-

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.
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 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---