



Bid Number/बोली क्रमांक (बिड संख्या): GEM/2023/B/3754042 Dated/दिनांक : 28-07-2023

# Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण		
Bid End Date/Time/बिड बंद होने की तारीख/समय 07-08-2023 13:00:00		
Bid Opening Date/Time/बिंड खुलने की तारीख/समय	07-08-2023 13:30:00	
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	90 (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	10090001-edn Bangalore	
Total Quantity/कुल मात्रा	2	
Item Category/मद केटेगरी	3/8" SQ. DRIVE REVERSIBLE RATCHET HANDLE & 1-5 Nm Torque Wrench (1/4 or 3/8) Sqr Hd (Q3) , Hexagonal (Hand Operated) Sockets (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	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/बिंड से रिवर्स नीलामी सक्रिय किया	No	
ITC available to buyer,क्रेता के लिए उपलब्ध आईटीसी	Yes	
Type of Bid∕बिंड का प्रकार	Two Packet Bid	
Primary product category	3/8" SQ. DRIVE REVERSIBLE RATCHET HANDLE & 1-5 Nm Torque Wrench (1/4 or 3/8) Sqr Hd	
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	2 Days	

Bid Details/बिड विवरण		
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No	
Payment Timelines	Payments shall be made to the Seller within <b>90</b> 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	Item wise evaluation/	

#### EMD Detail/ईएमडी विवरण

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

#### 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. 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.

2. 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. 3. 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.

#### **Evaluation Method** ( Item Wise Evaluation Method )

Contract will be awarded schedulewise and the determination of L1 will be done separately for each schedule. The details of item-consignee combination covered under each schedule are as under:

Evaluation Schedules	Item/Category	
Schedule 1 3/8" Sq. Drive Reversible Ratchet Handle & 1-5 Nm Torque Wrench (1/4 Or 3/8) Sqr Hd		1
Schedule 2	Hexagonal (hand Operated) Sockets	1

# 3/8" SQ. DRIVE REVERSIBLE RATCHET HANDLE & 1-5 Nm Torque Wrench (1/4 Or 3/8) Sqr Hd (1 set )

(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 अईता प्राप्त करने के लिए आवश्यक)

### Technical Specifications/तकनीकी विशिष्टियाँ

Buyer Specification Document/क्रेता विशिष्टि दस्तावेज़	<u>Download</u>
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### Input Tax Credit(ITC)/इनपुट कर क्रेडिट(आईटीसी) and/ तथा Reverse Charge(RCM)/रिवर्स प्रभार (आरसीएम) Details

ITC on GST/जीएसटी पर इनपुट कर क्रेडिट	ITC on GST Cess/जीएसटी उपकर कर क्रेडिट
100%	NA

### 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	Kathirvel.P	560026,MANAGER STORES,- GI Bharat Heavy Electricals Limited Electronics Division, Mysore Road, Bangalore - 560026 Karnataka India	1	30

## Hexagonal (Hand Operated) Sockets (1 set)

(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 अर्हता प्राप्त करने के लिए आवश्यक)

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# Input Tax Credit(ITC)/इनपुट कर क्रेडिट(आईटीसी) and/ तथा Reverse Charge(RCM)/रिवर्स प्रभार (आरसीएम) Details

ITC on GST/जीएस	टी पर इनपुट कर क्रेडिट	ITC on GST Cess/जीएसटी उपकर कर क्रेडिट
1	00%	NA

## 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	Kathirvel.P	560026,MANAGER STORES,- GI Bharat Heavy Electricals Limited Electronics Division, Mysore Road, Bangalore - 560026 Karnataka India	1	30

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

1. Scope of Supply

Scope of supply (Bid price to include all cost components): Only supply of Goods

#### 2. 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.

#### 3. 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 %.

#### 4. Generic

Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

#### 5. 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.

#### 6. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

#### A. PRE-QUALIFICATION REQUIREMENT (PQR)

Bidder should submit documentary evidence for PQC, for evaluating the eligibility of Bidder as per **Buyer uploaded ATC document** in this bid.

#### **B. Payment Timelines:**

Type of Bidder	Payment Terms (Number of days
. ype or Brauer	<b>)</b>

Micro & Small Enterprises (MSEs) 45 days from CRAC date
Medium Enterprises 60 days from CRAC date
Non MSME 90 days from CRAC date

**C. Risk Purchase** - In case of failure of supplier, BHEL at its discretion may make purchase of the material s/ services not supplied/ rendered in time at the RISK & COST of the supplier. Under such situation, the supplier who fails to supply the goods in time shall be wholly liable to make good to BHEL any loss due to risk purchase. In case of invocation of risk purchase, BHEL shall get Balance work/ supply done at supplier risk and cost, which shall be recovered from supplier out of dues of this contract, any other contract with BHEL and balance amount, if any shall be required to be deposited by supplier.

#### **D. Contact Details:**

Engineering Dept. Tender Dept.

Mr. Kathirvel P/ Engineer Mr. Dinesh Kumar Bhagat/ Manager

e-mail: kathirvel@bhel.in e-mail: dkbhagat@bhel.in

Tel: 080 26998111 Tel: 080 26998108

5/6

#### 7. Buyer Added Bid Specific ATC

Buyer uploaded ATC document Click here to view the file.

## 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---

# **Pre-Qualification Requirement (PQR)**

PQ#	Pre-Qualification Criteria (PQC)	Supporting Document	Bidder Compliance (Yes/ No)
PQ1	The bidder must have company/ shop registration certificate, valid GST registration certificate and PAN No. as on date of issue of this RFQ.	Copy of company/ shop registration/ MSME certificate/ Udyam certificate, PAN, GST registration certificates.	

Sign & Seal of Bidder



# ಭಾರತ್ ಹೆವಿ ಎಲೆಕ್ಟ್ರಿಕಲ್ಸ್ ಲಿಮಿಟೆಡ್ PHONE : 080 - 26998108 भारत हेवी इलेक्ट्रिकल्स लिमिटेड <sup>E-MAIL : dkbhagat@bhel.</sup>

E-MAIL : dkbhagat@bhel.in

# **Technical Specifications and Break up of Quantity**

## 01 SET consist of following items

Schedule	Specifications	Total Quantity required
	A. 3/8" SQ. DRIVE REVERSIBLE RATCHET HANDLE.	
	Reversible Ratchet Handle 3/8" Specifications:	
	1.30 teeth	
	2.with Quick Release safety lock	
	3.with 2-component handle	
	4.DIN 3122/ISO 3315	
	5.Length =193 mm	
	6. Breadth=29 mm	25 Nos.
	7.Thickness of the Tool =24mm	
	8. Weight: 236 g	
	i. PART NO:910M/55 OF BETA	
	ii. F-936 OF SNAP-ON	
	iii. 12111010 OF STAHLWILLE	
	iv. 89-818 OF STANLEY.	
1	Equivalent Tools also acceptable.	
	B. 1-5 Nm Torque Wrench (1/4 or 3/8) Sqr Hd	
	1. Hand Tool: Torque Wrench 1-5 Nm	
	2. Type: Click	
	3. Torque Range: 1 to 5 Nm	
	4. Accuracy: ±3 to 4%	
	5. Torque: Reversible	
	6. Operation: Single side	25 Nos.
	7. Overall Length: 180 to 220 mm	25 NOS.
	8. Drive: 6.35 mm (1/4 inch)	
	9. Weight: 0.17 to 0.35 Kg per piece	
	10. Scale Yes (Torque setting adjustments)	
	11. Micrometer Yes	
	12. Make STAHLWILLE, SAM OUTILLAGE, GEDORE, STANLEY,	
	Snap on or Equivalent Tools also acceptable.	
	Total (A + B)	50 Nos.

#### Please note:

- 1. Above total quantity of 50 Nos. comprises 01 SET.
- 2. Bidders shall quote lump sum price for 01 SET for Schedule-1.



# ಭಾರತ್ ಹೆವಿ ಎಲೆಕ್ಟ್ರಿಕಲ್ಸ್ ಲಿಮಿಟೆಡ್ PHONE : 080 - 26998108 भारत हेवी इलेक्ट्रिकल्स लिमिटेड <sup>E-MAIL : dkbhagat@bhel.in</sup>

# **Technical Specifications and Break up of Quantity**

# 01 SET consist of following items

Schedule	Specifications	Total Quantity required
	A. 1/4"SQ. DR. HEX (HAND OPERATED) SOCKET A/F3.5  1. Material Description: 1/4" SQ.DR. HEX (HAND OPERATED) SOCKET 4x6.3S  2. Nominal Size: 4 mm (As per IS: 7381-1986)  3. Dimensions: As per IS: 7381-1982  4. Driving Squares: 1/4"(6.3mm)  5. Width across flat :4 mm (As per IS 2037: 1992)  6. Tolerance: As per IS: 2027-1980 width across flats for spanners and sockets  7. Hardness, Workmanship and finish, Torque Testing and sampling as per IS: 6131-1980, IS: 6131- 1980 'E' series  8. Marking Refer IS: 7381-1982	100 Nos.
2	B. 1/4"SQ. DR. HEX (HAND OPERATED) SOCKET A/F 4  1. Material Description: 1/4" SQ.DR. HEX (HAND OPERATED) SOCKET 4x6.3S  2. Nominal Size: 4 mm (As per IS: 7381-1986) 100  3. Dimensions: As per IS: 7381-1982  4. Driving Squares: 1/4"(6.3mm) 5. Width across flat: 4 mm (As per IS 2037: 1992) 6. Tolerance: As per IS: 2027-1980 width across flats for spanners and sockets 7. Hardness, Workmanship and finish, Torque Testing and sampling as per IS: 6131-1980, IS: 6131- 1980 'E' series 8. Marking: Refer IS: 7381-1982	100 Nos.
	C. 1/4"SQ. DR. HEX (HAND OPERATED) SOCKET A/F4.5  1. Material Description: 1/4" SQ.DR. HEX (HAND OPERATED) SOCKET 4.5x6.3S  2. Nominal Size:4.5 mm (As per IS: 7381-1986) 3. Dimensions: As per IS: 7381-1982 4. Driving Squares: 1/4"(6.3mm) 5. Width across flat: 4.5 mm (As per IS 2037: 1992) 6. Tolerance: As per IS: 2027-1980 width across flats for spanners and sockets 7. Hardness, Workmanship and finish, Torque Testing and sampling as per IS: 6131-1980, IS: 6131-1980 'E' series 8. Marking Refer IS: 7381-1982	100 Nos.



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# **Technical Specifications and Break up of Quantity**

# 01 SET consist of following items

Schedule	Specifications	Total Quantity required
	<ul> <li>D. 1/4"SQ. DR. HEX (HAND OPERATED) SOCKET A/F5</li> <li>1. Material Description: 1/4" SQ. DR. HEX (HAND OPERATED) SOCKET 5x6.3S</li> <li>2. Nominal Size: 5 mm (As per IS: 7381-1986)</li> <li>3. Dimensions: As per IS: 7381-1982</li> <li>4. Driving Squares: 1/4"(6.3mm)</li> <li>5. Width across flat 5 mm (As per IS 2037: 1992)</li> <li>6. Tolerance: As per IS: 2027-1980 width across flats for spanners and sockets</li> <li>7. Hardness, Workmanship and finish, Torque Testing and sampling as per IS: 6131-1980, IS: 6131- 1980 'E' series</li> <li>8. Marking: Refer IS: 7381-1982</li> </ul>	100 Nos.
	E. 1/4"SQ. DR. HEX (HAND OPERATED) SOCKET A/F5.5  1. Material Description: 1/4" SQ. DR. HEX (HAND OPERATED) SOCKET 5.5x6.3S  2. Nominal Size 5.5 mm (As per IS: 7381-1986)  3. Dimensions: As per IS: 7381-1982  4. Driving Squares: 1/4"(6.3mm)  5. Width across flat 5.5 mm (As per IS 2037: 1992)  6. Tolerance: As per IS: 2027-1980 width across flats for spanners and sockets  7. Hardness, Workmanship and finish, Torque Testing and sampling as per IS: 6131-1980, IS: 6131-1980 'E' series  8. Marking Refer IS: 7381-1982	100 Nos.
	F. 1/4"SQ. DR. HEX (HAND OPERATED), SOCKET, A/F6  1. Material Description: 3/8" SQ. DR. HEX (HAND OPERATED), SOCKET,6x6.3D  2. Nominal Size 6 mm (As per IS: 7381-1986)  3. Dimensions: As per IS: 7381-1982  4. Driving Squares: 1/4"(6.3mm)  5. Width across flat 6mm (As per IS 2037: 1992)  6. Tolerance: As per IS: 2027-1980 width across flats for spanners and sockets  7. Hardness, Workmanship and finish, Torque Testing and sampling as per IS: 6131-1980, IS: 6131- 1980 'E' series  8. Marking Refer IS: 7381-1982	100 Nos.



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# **Technical Specifications and Break up of Quantity**

# 01 SET consist of following items

Schedule	Specifications	Total Quantity required
	G. 3/8"SQ. DR. BI. HEX (HAND OPTD), SOCKET, A/F8  1. Material Description: 3/8" SQ. DR., BI-HEX (HAND OPERATED), SOCKET,8x10D  2. Nominal Size:8 mm (As per IS: 7381-1986)  3. Dimensions: As per IS: 7381-1982  4. Driving Squares: 3/8"(10mm Drive)  5. Width across flat 8 mm (As per IS 2037: 1992)  6. Tolerance: As per IS: 2027-1980 width across flats for spanners and sockets  7. Hardness, Workmanship and finish, Torque Testing and sampling as per IS: 6131-1980, IS: 6131- 1980 'E' series  8. Marking: Refer IS: 7381-1982	100 Nos.
	H. 3/8"SQ. DR. BI-HEX (HAND OPTD), SOCKET, A/F 9  1. Material Description: 3/8 " SQ. DR. BI-HEX (HAND OPERATED), SOCKET, 9x10D  2. Nominal Size 9 mm (As per IS: 7381-1986)  3. Dimensions: As per IS: 7381-1982  4. Driving Squares: 3/8" (10mm Drive)  5. Width across flat 9mm (As per IS 2037: 1992)  6. Tolerance: As per IS: 2027-1980 width across flats for spanners and sockets  7. Hardness, Workmanship and finish, Torque Testing and sampling as per IS: 6131-1980, IS: 6131- 1980 'E' series  8. Marking Refer IS: 7381-1982	100 Nos.
	I. HAND OPTD. DLE HEX. SOCKET 3/8" A/F 10mm  1. Material Description: 3/8 " SQ. DR. BI-HEX (HAND OPERATED), SOCKET, 10x10D  2. Nominal Size: 10 mm (As per IS: 7381-1986)  3. Dimensions: As per IS: 7381-1982  4. Driving Squares: 3/8" (10mm Drive)  5. Width across flat 10 mm (As per IS 2037: 1992)  6. Tolerance: As per IS: 2027-1980 width across flats for spanners and sockets  7. Hardness, Workmanship and finish, Torque Testing and sampling as per IS: 6131-1980, IS: 6131- 1980 'E' series  8. Marking Refer IS: 7381-1982	100 Nos.



# ಭಾರತ್ ಹೆವಿ ಎಲೆಕ್ಟ್ರಿಕಲ್ಸ್ ಲಿಮಿಟೆಡ್ PHONE : 080 - 26998108 भारत हेवी इलेक्ट्रिकल्स लिमिटेड <sup>E-MAIL</sup> : dkbhagat@bhel.in

# **Technical Specifications and Break up of Quantity**

## 01 SET consist of following items

Schedule	Specifications	Total Quantity required
	J. HAND OPTD. DLE HEX. SOCKET 3/8" A/F 13mm  1. Material Description: 3/8" SQ. DR. BI-HEX (HAND OPERATED), SOCKET,13x10D  2. Nominal Size 13 mm (As per IS: 7381-1986)  3. Dimensions: As per IS: 7381-1982  4. Driving Squares: 3/8" (10mm Drive)  5. Width across flat 13mm (As per IS 2037: 1992)  6. Tolerance: As per IS: 2027-1980 width across flats for spanners and sockets  7. Hardness, Workmanship and finish, Torque Testing and sampling as per IS: 6131-1980, IS: 6131- 1980 'E' series  8. Marking Refer IS: 7381-1982	100 Nos.
	Total (A + B + C + D + E + F + G + H + I + J)	1,000 Nos.

## Please note:

- 1. Above total quantity of 1,000 Nos. comprises 01 SET.
- 2. Bidders shall quote lump sum price for 01 SET for Schedule-2.

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