



Bid Number/बोली क्रमांक (बिड संख्या):  
GEM/2024/B/5109512  
Dated/दिनांक : 01-07-2024

### Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	11-07-2024 14:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	11-07-2024 14:30:00
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	10020009-cffp Haridwar
Total Quantity/कुल मात्रा	272
Item Category/मद केटेगरी	Ball Bearings as per IS 6455 (Q3) , Cylindrical Roller Bearing as per IS 6455 (Q3) , Spherical Roller Bearing as per IS 6455 (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	Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	Yes
RA Qualification Rule	H1-Highest Priced Bid Elimination
ITC available to buyer/क्रिता के लिए उपलब्ध आईटीसी	Yes
Type of Bid/बिड का प्रकार	Two Packet Bid
Primary product category	Ball Bearings as per IS 6455
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	2 Days

**Bid Details/बिड विवरण**

<b>Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)</b>	No
<b>Payment Timelines</b>	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)
<b>Evaluation Method/मूल्यांकन पद्धति</b>	Item wise evaluation/

**EMD Detail/ईएमडी विवरण**

Required/आवश्यकता	No
-------------------	----

**ePBG Detail/ईपीबीजी विवरण**

Required/आवश्यकता	No
-------------------	----

**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
--	-----

**MSE Purchase Preference/एमएसई खरीद वरीयता**

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
---	-----

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 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.

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.

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

- i. If number of technically qualified bidders are only 2 or 3.
- ii. If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
- iii. In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
- iv. If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1
- v. If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

#### **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:

<b>Evaluation Schedules</b>	<b>Item/Category</b>	<b>Quantity</b>
Schedule 1	Ball Bearings As Per Is 6455	100
Schedule 2	Ball Bearings As Per Is 6455	50
Schedule 3	Ball Bearings As Per Is 6455	20
Schedule 4	Ball Bearings As Per Is 6455	20
Schedule 5	Ball Bearings As Per Is 6455	10
Schedule 6	Ball Bearings As Per Is 6455	6
Schedule 7	Ball Bearings As Per Is 6455	6
Schedule 8	Cylindrical Roller Bearing As Per Is 6455	4
Schedule 9	Ball Bearings As Per Is 6455	6
Schedule 10	Ball Bearings As Per Is 6455	6

Schedule 11	Ball Bearings As Per Is 6455	6
Schedule 12	Ball Bearings As Per Is 6455	6
Schedule 13	Cylindrical Roller Bearing As Per Is 6455	2
Schedule 14	Ball Bearings As Per Is 6455	2
Schedule 15	Spherical Roller Bearing As Per Is 6455	4
Schedule 16	Ball Bearings As Per Is 6455	10
Schedule 17	Ball Bearings As Per Is 6455	10
Schedule 18	Ball Bearings As Per Is 6455	4

### Ball Bearings As Per IS 6455 ( 100 pieces )

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

#### Technical Specifications/तकनीकी विशिष्टियाँ

\* As per GeM Category Specification/जेम कैटेगरी विशिष्टि के अनुसार

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Item	Type of ball Bearing	DEEP GROOVE
	Number of Row in ball bearing	One
Design	Bearing Description and Boundary Dimensions (bore dia)* (outer diameter)* (width) in mm as per IS 5669-1987	6201-ZZ(12*32*10), 6201zz
	Bearing cage material as per IS 2398	M: Cage, bronze or brass, not in sheet, strip or wire form, centered by rolling elements, H: Cage, light metal, not in sheet, strip or wire form, ring centered., Stainless Steel 304 strip, J: Cage, steel, sheet, strip or wire form, centred by rolling elements, T: cage, non metallic, centred by rolling elements, Brass, Steel, Phenolic Cage, polyaide
	Radial internal clearance in ball bearing as per IS 6455-1972	C0, C2, C3, C4, C5, C15
	Closure	Shield(Z) Open
	Protecting device/ closure	Both sided
	Material of lubricated Sea	Rubber, Polymer, NA, Nitrile(NBR)
	Material of lubricated Shield	Low Carbon Press Steel, Nitrite rubber, NA

**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	Kumar Siddhartha	249403,Central Foundry Forge Plant, BHEL, Ranipur, Haridwar	100	30

**Ball Bearings As Per IS 6455 ( 50 pieces )**

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

**Technical Specifications/तकनीकी विशिष्टियाँ**

[\\* As per GeM Category Specification/जेम केटेगरी विशिष्टि के अनुसार](#)

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Item	Type of ball Bearing	DEEP GROOVE
	Number of Row in ball bearing	One
Design	Bearing Description and Boundary Dimensions (bore dia)* (outer diameter)* (width) in mm as per IS 5669-1987	6203-ZZ(17*40*12)
	Bearing cage material as per IS 2398	M: Cage, bronze or brass, not in sheet, strip or wire form, centered by rolling elements, H: Cage, light metal, not in sheet, strip or wire form, ring centered., Stainless Steel 304 strip, J: Cage, steel, sheet, strip or wire form, centred by rolling elements, T: cage, non metallic, centred by rolling elements, Brass, Steel, Phenolic Cage, polyaide
	Radial internal clearance in ball bearing as per IS 6455-1972	C0, C2, C3, C4, C5, C15
	Closure	Shield(Z) Open
	Protecting device/ closure	Both sided

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Material of lubricated Sea	Rubber, Polymer, NA, Nitrile(NBR)
	Material of lubricated Shield	Low Carbon Press Steel, Nitrite rubber, NA

**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	Kumar Siddhartha	249403,Central Foundry Forge Plant, BHEL, Ranipur, Haridwar	50	30

**Ball Bearings As Per IS 6455 ( 20 pieces )**

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

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Item	Type of ball Bearing	DEEP GROOVE
	Number of Row in ball bearing	One
Design	Bearing Description and Boundary Dimensions (bore dia)* (outer diameter)* (width) in mm as per IS 5669-1987	6205-ZZ

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	<b>Bearing cage material as per IS 2398</b>	M: Cage, bronze or brass, not in sheet, strip or wire form, centered by rolling elements, H: Cage, light metal, not in sheet, strip or wire form, ring centered., Stainless Steel 304 strip, J: Cage, steel, sheet, strip or wire form, centred by rolling elements, T: cage, non metallic, centred by rolling elements, Brass, Steel, Phenolic Cage, polyaide
	<b>Radial internal clearance in ball bearing as per IS 6455-1972</b>	C0, C2, C3, C4, C5, C15
	<b>Closure</b>	No contact seal(RZ), Shield(Z) Open
	<b>Protecting device/ closure</b>	Both sided
	<b>Material of lubricated Sea</b>	Rubber, Polymer, NA, Nitrile(NBR)
	<b>Material of lubricated Shield</b>	Low Carbon Press Steel, Nitrite rubber, NA

**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	Kumar Siddhartha	249403,Central Foundry Forge Plant, BHEL, Ranipur, Haridwar	20	30

**Ball Bearings As Per IS 6455 ( 20 pieces )**

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

**Technical Specifications/तकनीकी विशिष्टियाँ**

[\\* As per GeM Category Specification/जेम कैटेगरी विशिष्टि के अनुसार](#)

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Item	Type of ball Bearing	DEEP GROOVE
	Number of Row in ball bearing	One
Design	Bearing Description and Boundary Dimensions (bore dia)* (outer diameter)* (width) in mm as per IS 5669-1987	6206 ZZ, 6206ZZ(30*62*16)
	Bearing cage material as per IS 2398	M: Cage, bronze or brass, not in sheet, strip or wire form, centered by rolling elements, H: Cage, light metal, not in sheet, strip or wire form, ring centered., Stainless Steel 304 strip, J: Cage, steel, sheet, strip or wire form, centred by rolling elements, T: cage, non metallic, centred by rolling elements, Brass, Steel, Phenolic Cage, polyaide
	Radial internal clearance in ball bearing as per IS 6455-1972	C0, C2, C3, C4, C5, C15
	Closure	No contact seal(RZ), Shield(Z) Open
	Protecting device/ closure	Both sided
	Material of lubricated Sea	Rubber, Polymer, NA, Nitrile(NBR)
	Material of lubricated Shield	Low Carbon Press Steel, Nitrite rubber, NA

**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	Kumar Siddhartha	249403,Central Foundry Forge Plant, BHEL, Ranipur, Haridwar	20	30

**Ball Bearings As Per IS 6455 ( 10 pieces )**

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

**Technical Specifications/तकनीकी विशिष्टियाँ**

[\\* As per GeM Category Specification/जेम केटेगरी विशिष्टि के अनुसार](#)

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Item	Type of ball Bearing	DEEP GROOVE
	Number of Row in ball bearing	One
Design	Bearing Description and Boundary Dimensions (bore dia)* (outer diameter)* (width) in mm as per IS 5669-1987	6208ZZ(40*80*18)
	Bearing cage material as per IS 2398	M: Cage, bronze or brass, not in sheet, strip or wire form, centered by rolling elements, H: Cage, light metal, not in sheet, strip or wire form, ring centered., Stainless Steel 304 strip, J: Cage, steel, sheet, strip or wire form, centred by rolling elements, T: cage, non metallic, centred by rolling elements, Brass, Steel, Phenolic Cage, polyaide
	Radial internal clearance in ball bearing as per IS 6455-1972	C0, C2, C3, C4, C5, C15
	Closure	No contact seal(RZ), Shield(Z) Open
	Protecting device/ closure	Both sided
	Material of lubricated Sea	Rubber, Polymer, NA, Nitrile(NBR)
	Material of lubricated Shield	Low Carbon Press Steel, Nitrite rubber, NA

**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	Kumar Siddhartha	249403,Central Foundry Forge Plant, BHEL, Ranipur, Haridwar	10	30

### Ball Bearings As Per IS 6455 ( 6 pieces )

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

### Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Item	Type of ball Bearing	DEEP GROOVE
	Number of Row in ball bearing	One
Design	Bearing Description and Boundary Dimensions (bore dia)* (outer diameter)* (width) in mm as per IS 5669-1987	6219(95*170*32)
	Bearing cage material as per IS 2398	M: Cage, bronze or brass, not in sheet, strip or wire form, centered by rolling elements, H: Cage, light metal, not in sheet, strip or wire form, ring centered., Stainless Steel 304 strip, J: Cage, steel, sheet, strip or wire form, centred by rolling elements, T: cage, non metallic, centred by rolling elements, Brass, Steel, Phenolic Cage, polyaide
	Radial internal clearance in ball bearing as per IS 6455-1972	C0, C2, C3, C4, C5, C15
	Closure	Open
	Protecting device/ closure	NA, Open
	Material of lubricated Sea	Rubber, Polymer, NA, Nitrile(NBR)
	Material of lubricated Shield	Low Carbon Press Steel, Nitrite rubber, NA

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

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

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

<b>S.No./क्र. सं.</b>	<b>Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी</b>	<b>Address/पता</b>	<b>Quantity/मात्रा</b>	<b>Delivery Days/डिलीवरी के दिन</b>
1	Kumar Siddhartha	249403,Central Foundry Forge Plant, BHEL, Ranipur, Haridwar	6	30

**Ball Bearings As Per IS 6455 ( 6 pieces )**

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

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

<b>Specification</b>	<b>Specification Name/विशिष्टि का नाम</b>	<b>Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य</b>
Item	<b>Type of ball Bearing</b>	Radial contact
	<b>Number of Row in ball bearing</b>	One
Design	<b>Bearing Description and Boundary Dimensions (bore dia)* (outer diameter)* (width) in mm as per IS 5669-1987</b>	6314(70*150*35)
	<b>Bearing cage material as per IS 2398</b>	M: Cage, bronze or brass, not in sheet, strip or wire form, centered by rolling elements, H: Cage, light metal, not in sheet, strip or wire form, ring centered., Stainless Steel 304 strip, J: Cage, steel, sheet, strip or wire form, centred by rolling elements, T: cage, non metallic, centred by rolling elements, Brass, Steel, Phenolic Cage, polyaide
	<b>Radial internal clearance in ball bearing as per IS 6455-1972</b>	C0, C2, C3, C4, C5, C15
	<b>Closure</b>	Open
	<b>Protecting device/ closure</b>	NA, Open
	<b>Material of lubricated Sea</b>	Rubber, Polymer, NA, Nitrile(NBR)
	<b>Material of lubricated Shield</b>	Low Carbon Press Steel, Nitrite rubber, NA

**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	Kumar Siddhartha	249403,Central Foundry Forge Plant, BHEL, Ranipur, Haridwar	6	30

**Cylindrical Roller Bearing As Per IS 6455 ( 4 pieces )**

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

**Technical Specifications/तकनीकी विशिष्टियाँ**

[\\* As per GeM Category Specification/जेम केटेगरी विशिष्टि के अनुसार](#)

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
ITEM	Type of Cylindrical Roller Bearing	Radial contact
	Number of Row in Cylindrical Roller Bearing	Single
DESIGN	Bearing Description and Boundary Dimensions (bore dia)* (outer diameter)* (width) in mm as per IS 5669-1987	NU-215 (75*130*25)
	Bearing cage material as per IS 2398	M: Cage, bronze or brass, not in sheet, strip or wire form, centered by rolling elements, H: Cage, light metal, not in sheet, strip or wire form, ring centered, Stainless Steel 304 strip, J: Cage, steel, sheet, strip or wire form, centred by rolling elements, T: cage, non metallic, centered by rolling elements, Steel
	Radial internal clearance in ball bearing as per IS 6455-1972	C0, C2, C3, C4, C5

**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	Kumar Siddhartha	249403,Central Foundry Forge Plant, BHEL, Ranipur, Haridwar	4	30

**Ball Bearings As Per IS 6455 ( 6 pieces )**

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

**Technical Specifications/तकनीकी विशिष्टियाँ**

[\\* As per GeM Category Specification/जेम केटेगरी विशिष्टि के अनुसार](#)

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Item	Type of ball Bearing	Radial contact
	Number of Row in ball bearing	One
Design	Bearing Description and Boundary Dimensions (bore dia)* (outer diameter)* (width) in mm as per IS 5669-1987	6316(80*170*39)
	Bearing cage material as per IS 2398	M: Cage, bronze or brass, not in sheet, strip or wire form, centered by rolling elements, H: Cage, light metal, centered by rolling elements, J: Cage, steel, sheet, strip or wire form, centered by rolling elements, T: cage, non metallic, centred by rolling elements, Brass, Steel, Phenolic Cage, polyaide

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Radial internal clearance in ball bearing as per IS 6455-1972	C0, C2, C3, C4, C5, C15
	Closure	Open
	Protecting device/ closure	NA, Open
	Material of lubricated Sea	Rubber, Polymer, NA, Nitrile(NBR)
	Material of lubricated Shield	Low Carbon Press Steel, Nitrite rubber, NA

**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	Kumar Siddhartha	249403,Central Foundry Forge Plant, BHEL, Ranipur, Haridwar	6	30

**Ball Bearings As Per IS 6455 ( 6 pieces )**

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

**Technical Specifications/तकनीकी विशिष्टियाँ**

[\\* As per GeM Category Specification/जेम केटेगरी विशिष्टि के अनुसार](#)

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Item	Type of ball Bearing	DEEP GROOVE
	Number of Row in ball bearing	One

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Design	<b>Bearing Description and Boundary Dimensions (bore dia)* (outer diameter)* (width) in mm as per IS 5669-1987</b>	6318(90*190*43)
	<b>Bearing cage material as per IS 2398</b>	M: Cage, bronze or brass, not in sheet, strip or wire form, centered by rolling elements, H: Cage, light metal, not in sheet, strip or wire form, ring centered., Stainless Steel 304 strip, J: Cage, steel, sheet, strip or wire form, centred by rolling elements, T: cage, non metallic, centred by rolling elements, Brass, Steel, Phenolic Cage, polyaide
	<b>Radial internal clearance in ball bearing as per IS 6455-1972</b>	C3
	<b>Closure</b>	Open
	<b>Protecting device/ closure</b>	NA, Open
	<b>Material of lubricated Sea</b>	Rubber, Polymer, NA, Nitrile(NBR)
	<b>Material of lubricated Shield</b>	Low Carbon Press Steel, Nitrite rubber, NA

**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	Kumar Siddhartha	249403,Central Foundry Forge Plant, BHEL, Ranipur, Haridwar	6	30

**Ball Bearings As Per IS 6455 ( 6 pieces )**

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

**Technical Specifications/तकनीकी विशिष्टियाँ**

\* As per GeM Category Specification/जेम कैटेगरी विशिष्टि के अनुसार

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Item	Type of ball Bearing	Radial contact
	Number of Row in ball bearing	One
Design	Bearing Description and Boundary Dimensions (bore dia)* (outer diameter)* (width) in mm as per IS 5669-1987	6322(110*240*50)
	Bearing cage material as per IS 2398	M: Cage, bronze or brass, not in sheet, strip or wire form, centered by rolling elements, H: Cage, light metal, not in sheet, strip or wire form, ring centered., Stainless Steel 304 strip, J: Cage, steel, sheet, strip or wire form, centred by rolling elements, T: cage, non metallic, centred by rolling elements, Brass, Steel, Phenolic Cage, polyaide
	Radial internal clearance in ball bearing as per IS 6455-1972	C0, C2, C3, C4, C5, C15
	Closure	Open
	Protecting device/ closure	NA, Open
	Material of lubricated Sea	Rubber, Polymer, NA, Nitrile(NBR)
	Material of lubricated Shield	Low Carbon Press Steel, Nitrite rubber, NA

**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	Kumar Siddhartha	249403,Central Foundry Forge Plant, BHEL, Ranipur, Haridwar	6	30

### Ball Bearings As Per IS 6455 ( 6 pieces )

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

### Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Item	Type of ball Bearing	DEEP GROOVE
	Number of Row in ball bearing	One
Design	Bearing Description and Boundary Dimensions (bore dia)* (outer diameter)* (width) in mm as per IS 5669-1987	6319(95*200*45)
	Bearing cage material as per IS 2398	M: Cage, bronze or brass, not in sheet, strip or wire form, centered by rolling elements, H: Cage, light metal, not in sheet, strip or wire form, ring centered., Stainless Steel 304 strip, J: Cage, steel, sheet, strip or wire form, centred by rolling elements, T: cage, non metallic, centred by rolling elements, Brass, Steel, Phenolic Cage, polymeide
	Radial internal clearance in ball bearing as per IS 6455-1972	C3
	Closure	Open
	Protecting device/ closure	NA, Open
	Material of lubricated Sea	Rubber, Polymer, NA, Nitrile(NBR)
	Material of lubricated Shield	Low Carbon Press Steel, Nitrite rubber, NA

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

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

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

<b>S.No./क्र. सं.</b>	<b>Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी</b>	<b>Address/पता</b>	<b>Quantity/मात्रा</b>	<b>Delivery Days/डिलीवरी के दिन</b>
1	Kumar Siddhartha	249403, Central Foundry Forge Plant, BHEL, Ranipur, Haridwar	6	30

**Cylindrical Roller Bearing As Per IS 6455 ( 2 pieces )**

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

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

<b>Specification</b>	<b>Specification Name/विशिष्टि का नाम</b>	<b>Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य</b>
ITEM	<b>Type of Cylindrical Roller Bearing</b>	Angular contact
	<b>Number of Row in Cylindrical Roller Bearing</b>	Single
DESIGN	<b>Bearing Description and Boundary Dimensions (bore dia)* (outer diameter)* (width) in mm as per IS 5669-1987</b>	NU-321(105*225*49)
	<b>Bearing cage material as per IS 2398</b>	M: Cage, bronze or brass, not in sheet, strip or wire form, centered by rolling elements, H: Cage, light metal, not in sheet, strip or wire form, ring centered, Stainless Steel 304 strip, J: Cage, steel, sheet, strip or wire form, centred by rolling elements, T: cage, non metallic, centered by rolling elements, Steel
	<b>Radial internal clearance in ball bearing as per IS 6455-1972</b>	C3

**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	Kumar Siddhartha	249403,Central Foundry Forge Plant, BHEL, Ranipur, Haridwar	2	30

**Ball Bearings As Per IS 6455 ( 2 pieces )**

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

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Item	Type of ball Bearing	DEEP GROOVE
	Number of Row in ball bearing	One
Design	Bearing Description and Boundary Dimensions (bore dia)* (outer diameter)* (width) in mm as per IS 5669-1987	6321(105*225*49)
	Bearing cage material as per IS 2398	M: Cage, bronze or brass, not in sheet, strip or wire form, centered by rolling elements, H: Cage, light metal, not in sheet, strip or wire form, ring centered., Stainless Steel 304 strip, J: Cage, steel, sheet, strip or wire form, centred by rolling elements, T: cage, non metallic, centred by rolling elements, Brass, Steel, Phenolic Cage, polyamide
	Radial internal clearance in ball bearing as per IS 6455-1972	C3
	Closure	Open
	Protecting device/ closure	One sided, Both sided, NA, Open
	Material of lubricated Sea	Rubber, Polymer, NA, Nitrile(NBR)

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Material of lubricated Shield	Low Carbon Press Steel, Nitrite rubber, NA

**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	Kumar Siddhartha	249403,Central Foundry Forge Plant, BHEL, Ranipur, Haridwar	2	30

**Spherical Roller Bearing As Per IS 6455 ( 4 pieces )**

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

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
ITEM	Item Description	Spherical Roller Bearing
	Type of Spherical Roller Bearing	Thrust Bearing
	Number of Row in Spherical Roller Bearing	One
DESIGN AND DIMENSION	Bearing Description and Boundary Dimensions (bore dia)* (outer diameter)* (width) in mm as per IS 5669-1987	29420 E

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	<b>Bearing cage material as per IS 2398</b>	M: Cage, bronze or brass, not in sheet, strip or wire form, centered by rolling elements, H: Cage, light metal, not in sheet, strip or wire form, ring centered, Stainless Steel 304 strip, J: Cage, steel, sheet, strip or wire form, centred by rolling elements, T: cage, non metallic, centred by rolling elements, Steel
	<b>Cage Inner Ring</b>	With Rib, Without Rib
	<b>Radial internal clearance in ball bearing as per IS 6455-1972</b>	C0, C2, C3, C4, C5
	<b>No of hole for oil lubrication</b>	2, 3, 4
	<b>Diameter of hole for oil lubrication</b>	1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0

**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	Kumar Siddhartha	249403,Central Foundry Forge Plant, BHEL, Ranipur, Haridwar	4	30

**Ball Bearings As Per IS 6455 ( 10 pieces )**

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

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Item	Type of ball Bearing	Radial contact, DEEP GROOVE
	Number of Row in ball bearing	One
Design	Bearing Description and Boundary Dimensions (bore dia)* (outer diameter)* (width) in mm as per IS 5669-1987	608-2Z(8*22*7)
	Bearing cage material as per IS 2398	M: Cage, bronze or brass, not in sheet, strip or wire form, centered by rolling elements, H: Cage, light metal, not in sheet, strip or wire form, ring centered., Stainless Steel 304 strip, J: Cage, steel, sheet, strip or wire form, centred by rolling elements, T: cage, non metallic, centred by rolling elements, Brass, Steel, Phenolic Cage, polyaide
	Radial internal clearance in ball bearing as per IS 6455-1972	C0, C2, C3, C4, C5, C15
	Closure	Contact seal(RS), Shield(Z) Open
	Protecting device/ closure	Both sided
	Material of lubricated Sea	Rubber, Polymer, NA, Nitrile(NBR)
	Material of lubricated Shield	Low Carbon Press Steel, Nitrite rubber, NA

**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	Kumar Siddhartha	249403,Central Foundry Forge Plant, BHEL, Ranipur, Haridwar	10	30

**Ball Bearings As Per IS 6455 ( 10 pieces )****(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)****Technical Specifications/तकनीकी विशिष्टियाँ**\* As per GeM Category Specification/जेम केटेगरी विशिष्टि के अनुसार

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Item	<b>Type of ball Bearing</b>	DEEP GROOVE
	<b>Number of Row in ball bearing</b>	One
Design	<b>Bearing Description and Boundary Dimensions (bore dia)* (outer diameter)* (width) in mm as per IS 5669-1987</b>	6313(65*140*33), 6314(70*150*35), 6315(75*160*37), 6316(80*170*39), 6317(85*180*41), 6318(90*190*43), 6320(100*215*47), 6321(105*225*49), 6322(110*240*50), 6324C3(120*215*40), 6411(55*140*33), 6224C3(120*215*40), 6212ZZ(60*110*22), 6310ZZ(50*110*27), 6314ZZ(70*150*35), 6309ZZ(45*100*25), 6208ZZ(40*80*18), 6206ZZ(30*62*16), 6308ZZ(40*90*23), 6324C3(120*260*55), 6309(45*100*25), 6305(25*62*17), 6311(55*120*29), 6315(75*160*37), 6220(100*180*34), 6226(130*230*40), 6222(110*200*38), 6312(60*130*31), 6307(35*80*21), 6206 ZZ, 5205 ZZ, 51310(50*95*31), 2310(50*110*40), 3309(45*100*39), 7330B(150*320*65), 7352(260*540*102), 6328(140*300*62), 6304(20*52*15), 6306(30*72*19), 6308(40*90*23), 6207(35*72*17), 6310(50*110*27), 6326(130*280*58), 6319(95*200*45), 6244(220*400*65), 62309(45*100*36), 62312(60*130*46), 6219(95*170*32), 6211(55*100*21), 6319(95*200*45), 6210(50*90*20), 6209(45*85*19), 6201(12*32*10), 6202(15*35*11), 6203(17*40*12), 6204(20*47*14), 6205(25*52*15), 6206(30*62*16), 6308(40*90*23), 6310(50*110*27), 6213(65*120*23), 6216(80*140*26), 6224(120*215*40), 6324(120*260*55), 7326B(130*280*116), 6212(60*110*22), 7224B(120*215*40), 51260(300*420*95), 51330(150*250*80), 51230(150*215*50), 51260(300*400*99), 51230(150*715*50), 51330(150*250*80), 6244M(220*400*65), 6211(55*100*21), 6213(65*170*23), 30352(260*540*102), 6314 Z(70*150*35), 6328 M(140*300*62), 62309-2RS(45*100*36), 62312-2RS(60*130*46), 6309-2RS(45*100*25), 6312-2RS(60*130*31), 6201-ZZ(12*32*10), 6203-ZZ(17*40*12), 6204-ZZ(20*47*14), 6216-ZZ(80*140*26), 6216(80*140*26), 6318-ZZ(90*190*43), 6214(70*125*24), 6217(85*150*28), 7220(100*180*34), 7307(35*80*21), 7311(55*120*29), 51310(50*95*31), 1218 K(90*160*30), 6036 CC(180*280*46), 6213C3(65*120*23), 6215 C3(75*130*25), 6218 C390*160*30), 6221C3(105*190*36), 6228C3(140*250*42), 6330 C3(150*320*65)

Specification	Specification Name/विशिष्ट का नाम	Bid Requirement/बिड के लिए मान्यता (Allowed Values) (अनुमति प्राप्त)
		7220BFCBM(100*180*24), 6311ZZ(55*120*20), 7317M(85*180*41), 6317Z(85*180*41), UCF 211/32(120*260*86), 7216(90*160*30), 7315(75*130*25), 7316(80*140*26), 7006ACD/P4A, NU-317, 6413, 23226 CC/W33, SR 6205:Z, 1024 ML, 6005, 30212 J2/Q, 23100/23256, NU322, H322, 6002-2RS(15X32X9), 6205-ZZ, 6206-2RSI (30X62X16), 1222K(110*200*38), 1213EK(65*120*23), 1216EK(80*140*26), 1218K(90*160*30), 51324(120*210*70), 51328(140*240*80), 51316(80*140*44), 6418(90*225*54), 16004 (20X42X8), 6004-2RS(20X42X12), 7226BCBM, 51114(70X95X18), 51107 (35X52X12, 6208ZZ/6208 2RS, 6200-ZZ, 3205BD-XL, 6005-2RS1(25X47X12), NU322, SFIX, ECJ, 23100, 23256, H3144, SR 6005: NR, 6205-ZZ, 6830(150x190x20), 7307, 6007 2RS1, GEM-08, 51310, 3208, 1209, 7209, 6009, 7214, 7210, 7308, 7216, 3305, 7312, 3206, 3302, 7206, 51314, 7312, 6013, 7307B, 6303, 7318, 51410, 3209, 7214, 16026, 3306, 3207, 51102, 6000, 3310, 6307, 2305, 6007 ZZ, 7310, 3313, 3311, 3203, 4307, 4203, 6408, 6402, 6301, 6003, 51104(20*35*10), 51210(50*78*22), 51213(65*100*27), 7319 Angular contact Ball bearing, 25 X 51 X 10 MM, 6214(70*125*24), 6216(80*140*26), 6222-(110*200*38), 6300(10*35*11), 6302(15*42*13), 6201zz, QJ312, 51115(75X100X19), K45(45x72x19), 7211B(55x100x21), 6008C3(40x68x15), 7320 BEM, 7307-CTDULP4 [35x80x21], 7008 ACD/P4A, 7010 ACD/P4A, 2307EK TN9, 4x8.5x1.75, 608-2Z(8*22*7), B7028-C-T-P4S-UL, 6415 (75*190*45)
	<b>Bearing cage material as per IS 2398</b>	M: Cage, bronze or brass, not in sheet, strip or wire form, centered by rolling elements, H: Cage, light metal, not in sheet, strip or wire form, ring centered., Stainless Steel 304 strip, J: Cage, steel, sheet, strip or wire form, centred by rolling elements, T: cage, non metallic, centred by rolling elements, Brass, Steel, Phenolic Cage, polyaide
	<b>Radial internal clearance in ball bearing as per IS 6455-1972</b>	C0, C2, C3, C4, C5, C15
	<b>Closure</b>	No contact seal(RZ), Open
	<b>Protecting device/ closure</b>	Both sided, Open
	<b>Material of lubricated Sea</b>	Rubber, Polymer, NA, Nitrile(NBR)
	<b>Material of lubricated Shield</b>	Low Carbon Press Steel, Nitrite rubber, NA

**Additional Specification Parameters - Ball Bearings As Per IS 6455 ( 10 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
Bearing no (SKF equivalent)	6020

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

**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	Kumar Siddhartha	249403,Central Foundry Forge Plant, BHEL, Ranipur, Haridwar	10	30

**Ball Bearings As Per IS 6455 ( 4 pieces )**

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

**Technical Specifications/तकनीकी विशिष्टियाँ**

[\\* As per GeM Category Specification/जेम केटेगरी विशिष्टि के अनुसार](#)

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Item	Type of ball Bearing	DEEP GROOVE
	Number of Row in ball bearing	One
Design	Bearing Description and Boundary Dimensions (bore dia)* (outer diameter)* (width) in mm as per IS 5669-1987	6214(70*125*24)
	Bearing cage material as per IS 2398	M: Cage, bronze or brass, not in sheet, strip or wire form, centered by rolling elements, H: Cage, light metal, not in sheet, strip or wire form, ring centered., Stainless Steel 304 strip, J: Cage, steel, sheet, strip or wire form, centred by rolling elements, T: cage, non metallic, centred by rolling elements, Brass, Steel, Phenolic Cage, polymeide

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Radial internal clearance in ball bearing as per IS 6455-1972	C0, C2, C3, C4, C5, C15
	Closure	Open
	Protecting device/ closure	Open
	Material of lubricated Sea	Rubber, Polymer, NA, Nitrile(NBR)
	Material of lubricated Shield	Low Carbon Press Steel, Nitrite rubber, NA

**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	Kumar Siddhartha	249403,Central Foundry Forge Plant, BHEL, Ranipur, Haridwar	4	30

**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. Generic

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

### 6. 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 25% of total value.

### 7. Scope of Supply

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

### 8. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

1. Bearing No. mentioned in the material description is for reference of bearing size only.
2. For Schedule # 17, Bearing No is 6020(mentioned in additional Parameter), vendor to quote accordingly & confirm the same during bid submission.
3. Original Manufacturer Test certificate is required along with supply.
4. Guarantee/warranty certificate is required for period of one year from supply date.
5. Early delivery is acceptable.
6. Final inspection will be done at CFFP Store
7. **Payment terms:** Payment shall be made through e-payment, subject to acceptance of material and submission of the required documents, complete in all respects, as per following details:

Type of Bidder	Payment Terms (Number of Days)
Micro & Small Enterprises (MSEs)	45 days
Medium Enterprises	60 days
Non MSME	90 days

The vendors who wish to avail benefit of payment terms for MSEs need to apply for MSE purchase preference in the bids. MSME bidders can also avail benefits of payment through TReDS (RXIL).

#### 8. **Breach of contract, Remedies and Termination :**

In case of breach of contract, recovery of 10% of total contract value shall be applicable. Recovery shall be done by encashing security instruments like Contract Execution Bank Guarantee, performance bank guarantee, EMD. In case value of security instruments available is less than 10% of the contract value, the balance amount be recovered from other financial remedies (i.e. available bills of the contractor, retention amount, etc. with BHEL) or legal remedies shall be pursued. Further, levy of liquidated damages, debarment, termination, de-scoping, short-closure, etc., shall be applied as per provisions of the contract.

9. Suppliers/Contractors may track **payment status** of their invoices using BHEL Unified Supplier Payment (USP) Portal - <https://uspp.bhel.in>.

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 received 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 authorise only one agent/dealer. There can be only one

bid form 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. The offers of the **bidders who are under suspension** as also the offers of the bidders, who engage the services of the firms debarred across BHEL, shall be rejected. The list of firms debarred across BHEL is available on BHEL website: [www.bhel.com](http://www.bhel.com).

11.0 Integrity commitment, performance of contract and punitive action thereof:

11.1 Commitment by BHEL:

BHEL commits to take all measures necessary to prevent corruption in connection with the tender process and execution of the contract. BHEL will during the tender process treat all bidder(s) in a transparent and fair manner, and with equity.

11.2 Commitment by Bidder/Supplier/Contractor:

- a. The Bidder/Supplier/Contractor commit to take all measures to prevent corruption and will not directly or indirectly influence any decision or benefit which he is not legally entitled to nor will act or omit in any manner which tantamount to an offence punishable under any provision of the Indian penal code, 1860 or any other law in force in India.
- b. The Bidder/Supplier/Contractor will, when presenting his bid, disclose any and all payments he has made, and is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract and shall adhere to relevant guidelines issued from time to time by Govt. of India/BHEL.
- c. The Bidder/Supplier/Contractor will perform/execute the contract as per the contract terms & conditions and will not default without any reasonable cause, which causes loss of business/money/reputation, to BHEL.

If any Bidder/Supplier/Contractor during pre-tendering/tendering/post tendering/award/execution/post-execution stage indulges in mal-practices, cheating, bribery, fraud or and other misconduct or formation of cartel so as to influence the bidding process or influence the price or acts or omits in any manner which tantamount to an offence punishable under any provision of the Indian Penal Code, 1860 or any other law in force in India then, action may be taken against such bidder/supplier/contractor as per extant guidelines of the company available on [www.bhel.com](http://www.bhel.com) and/or under applicable legal provisions.”

## **Disclaimer/अस्वीकरण**

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

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

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

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

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस 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---**