



Bid Number/बोली क्रमांक (बिड संख्या):
GEM/2024/B/5345086
Dated/दिनांक : 03-09-2024

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	13-09-2024 14:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	13-09-2024 14:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	120 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Pmo
Department Name/विभाग का नाम	Department Of Atomic Energy
Organisation Name/संगठन का नाम	Irel (india) Limited
Office Name/कार्यालय का नाम	Ho
Total Quantity/कुल मात्रा	540
Item Category/मद केटेगरी	Printed BOPP Laminated HDPE Bags (Woven Sack) (Q3)
Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)	13 Lakh (s)
MSE Exemption for Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है	Yes
Startup Exemption for Turnover/ टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है	Yes
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Bidder Turnover, Certificate (Requested in ATC), 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
Do you want to show documents uploaded by bidders to all bidders participated in bid?/	No
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
Type of Bid/बिड का प्रकार	Two Packet Bid
Primary product category	Printed BOPP Laminated HDPE Bags (Woven Sack)
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
Estimated Bid Value/अनुमानित बिड मूल्य	5114120
Evaluation Method/मूल्यांकन पद्धति	Item wise evaluation/

EMD Detail/ईएमडी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
Schedule 1 EMD Amount/ईएमडी राशि (In INR)	81300
Schedule 2 EMD Amount/ईएमडी राशि (In INR)	5380

ePBG Detail/ईपीबीजी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)	5.00
Duration of ePBG required (Months) / ईपीबीजी की अपेक्षित अवधि (महीने).	26

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने हैं। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।

(b). The EMD Amount will be applicable for each schedule/group selected during Bid creation.

(c). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable./ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए।

Beneficiary/लाभार्थी :

DGM (F&A)

Address: Matikhalo, Chatrapur, Ganjam, Odisha, 761045, Bank Details: Account Name: IREL (India) Limited, Name of the Bank: State Bank of India, Branch: Matikhalo Branch, IRE Ltd Campus, Account No. 10546942016, IFSC: SBIN0006086, MICR Code: 761002521.
(Irel India Limited, Oscom)

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. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.

2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to their meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.

3. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

4. 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.

5. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No. F.1/4/2021-PPD dated 18.05.2023 [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

6. 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	Estimated Value	Item/Category	Quantity
Schedule 1	4796700	Printed Bopp Laminated Hdpe Bags (woven Sack)	500
Schedule 2	317420	Printed Bopp Laminated Hdpe Bags (woven Sack)	40

Printed BOPP Laminated HDPE Bags (Woven Sack) (500 bale)

(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
GENERIC	Protection against UV	UV Stabilized Sacks, Non UV Stabilized Sacks
	Nominal Capacity of Bag	10 Kg, Up to 12 Kg, 20 Kg, 30 Kg, 40 Kg
	Closure type	Open, Zippers, Drawstring and Open
RAW MATERIAL	Tape linear density Hint : As per capacity of bag	910 Denier (for 10 Kg and Up to 12 Kg bag), 1000 Denier (for 20 Kg and 30 Kg bag), 1200 Denier (for 40 Kg bag)
DIMENSION	Bag Length Tolerance : (+) 30 mm / (-) 0 mm Hint : As per capacity of bag	635 mm (for 10 Kg bag), 685 mm (for Up to 12 Kg bag), 760 mm (for 20 Kg bag), 815 mm (for 30 Kg bag), 860 mm (for 40 Kg bag)
	Bag Width Tolerance : (+) 30 mm / (-) 0 mm Hint : As per capacity of bag	380 mm (for 10 Kg and Up to 12 Kg bag), 460 mm (for 20 Kg bag), 530 mm (for 30 Kg bag), 560 mm (for 40 Kg bag)
	Bag mass Tolerance: (+/-) 3 percent Hint : As per capacity of bag	55 gm (for 10 Kg bag), 58 gm (for Up to 12 Kg bag), 113 gms (for 20 Kg bag), 140 gms (for 30 Kg bag)
PRINTING	Printing Colour used (front side)	Up to 7 Colours, Up to 8 Colours
	Printing Colour used (back side)	Up to 2 Colours, Up to 3 Colours
MARKING and PACKING	Bundles/Bales weight (excluding tare weight) +/- 3 percent	27.5 Kg (for 10 Kg bag), 29 Kg (for Up to 12 kg bag), 56.5 Kg (for 20 Kg bag), 70 Kg (for 30 Kg bag), 77.5 Kg (for 40 Kg bag)
CERTIFICATION	OEM of offered product certified with	ISO 9001:2015, ISO 14001:2015, ISO 18001:2007, N.A

Additional Specification Parameters - Printed BOPP Laminated HDPE Bags (Woven Sack) (500 bale)

Specification Parameter Name	Bid Requirement (Allowed Values)
Technical Specification:-	1) 50 Kg prelaminated HDPE Bags with LDPE Inner as per specification sheet uploaded in buyer added bid specific ATC, 1,50,000 Nos. (500 bale)

* 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	G K Chandra Guptan	761045,IREL(India) Limited PO MATIKHALO,CHATRAPUR Ganjam District.	500	365

Printed BOPP Laminated HDPE Bags (Woven Sack) (40 bale)

(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
GENERIC	Protection against UV	UV Stabilized Sacks, Non UV Stabilized Sacks
	Nominal Capacity of Bag	10 Kg, Up to 12 Kg, 20 Kg, 30 Kg, 40 Kg
	Closure type	Open, Zippers, Drawstring and Open
RAW MATERIAL	Tape linear density Hint : As per capacity of bag	910 Denier (for 10 Kg and Up to 12 Kg bag), 1000 Denier (for 20 Kg and 30 Kg bag), 1200 Denier (for 40 Kg bag)
DIMENSION	Bag Length Tolerance : (+) 30 mm / (-) 0 mm Hint : As per capacity of bag	635 mm (for 10 Kg bag), 685 mm (for Up to 12 Kg bag), 760 mm (for 20 Kg bag), 815 mm (for 30 Kg bag), 860 mm (for 40 Kg bag)
	Bag Width Tolerance : (+) 30 mm / (-) 0 mm Hint : As per capacity of bag	380 mm (for 10 Kg and Up to 12 Kg bag), 460 mm (for 20 Kg bag), 530 mm (for 30 Kg bag), 560 mm (for 40 Kg bag)
	Bag mass Tolerance: (+/-) 3 percent Hint : As per capacity of bag	55 gm (for 10 Kg bag), 58 gm (for Up to 12 Kg bag), 113 gms (for 20 Kg bag), 140 gms (for 30 Kg bag)

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
PRINTING	Printing Colour used (front side)	Up to 7 Colours, Up to 8 Colours
	Printing Colour used (back side)	Up to 2 Colours, Up to 3 Colours
MARKING and PACKING	Bundles/Bales weight (excluding tare weight) +/- 3 percent	27.5 Kg (for 10 Kg bag), 29 Kg (for Up to 12 kg bag), 56.5 Kg (for 20 Kg bag), 70 Kg (for 30 Kg bag), 77.5 Kg (for 40 Kg bag)
CERTIFICATION	OEM of offered product certified with	ISO 9001:2015, ISO 14001:2015, ISO 18001:2007, N.A

Additional Specification Parameters - Printed BOPP Laminated HDPE Bags (Woven Sack) (40 bale)

Specification Parameter Name	Bid Requirement (Allowed Values)
Technical Specifications -	2) 25 Kg prelaminated HDPE Bags with LDPE Inner as per specification sheet uploaded in buyer added bid specific ATC, 20,000 Nos. (40 bale)

* 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	G K Chandra Guptan	761045,IREL(India) Limited PO MATIKHALO,CHATRAPUR Ganjam District.	40	365

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

1. 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 %.

2. 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.

3. **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.

4. **Generic**

The seller is required to print logo as per buyer's requirement.

5. **Generic**

Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:

- i) The Seller fails to comply with any material term of the Contract.
- ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
- iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
- iv) The Seller becomes bankrupt or goes into liquidation.
- v) The Seller makes a general assignment for the benefit of creditors.
- vi) A receiver is appointed for any substantial property owned by the Seller.
- vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.

6. **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.

7. **Scope of Supply**

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

8. **Turnover**

Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

9. **Warranty**

Warranty period of the supplied products shall be 1 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

10. **Buyer Added Bid Specific ATC**

Technical Specification**TECHNICAL SPECIFICATION FOR PRELAMINATED HDPE BAGS WITH LDPE INNER****1. GENERAL**

- The supplier shall manufacture and supply HDPE bags for packing of Tri-Sodium Phosphate strictly conforming to the following specifications.
- The bags to be supplied shall be of HDPE fabric woven in circular looms (having notwisting of WEFT) with inside lamination by way of inverting the cylinder of fabric after it is laminated. The bags shall be without any side seam.
- 'L' stitched bags made of circular woven HDPE fabric shall not be accepted.

2. SIZE & CAPACITY

Sl. No.	Capacity	Length	Width	Quantity (No's)
1.	50 kg	40 inch	26 inch	1,50,000
2.	25 Kg	24.5 inch	18.5 inch	20,000

Length and width both should not be short simultaneously. The dimensions of bags shall be within above mentioned tolerance and within specified limit of minimum inside area as per BIS.

3. FABRIC

- The fabric shall be woven from HDPE tapes conforming to IS 6192 (Latest) and shall be free from all major weaving defects like pick points, missing tapes etc. and it shall be free from biasness also.
- The construction of the HDPE fabric shall be as per the specifications given below.
- The bag shall be made from single piece of laminated HDPE woven fabric. The appearance of bag shall be Milky white with Blue tone. Required quantity of correct quality of Master Batch should be used.

4. LAMINATION

- The bags shall be inside laminated with direct application of minimum **100 gauge** of virgin quality low density polyethylene (LDPE) film in a lamination plant. The lamination shall be free from Pinholes, Porosity, Tears, Patches, Air pockets, Blisters or any other visible defects.
- The thickness of the lamination shall be minimum 100 gauge (25 micron) with a tolerance of + 10%, **No negative tolerance is acceptable.**
- The lamination shall cover the entire inner area of the fabric used in the bag.
- The fabric shall be laminated on both the layer of fabrics and then shall be inverted. While laminating minimum overlap of 10 mm shall be provided on the edge of lamination.
- The suppliers before dispatching the laminated bags should ensure the quality of lamination.

n. Any lamination failure at IREL site, during sample testing or during use of bags if noticed, the entire lot of bags shall be rejected and unused bags shall be rejected & supplier shall replace equal quantity of rejected bags at free of cost.

- During lamination of HDPE fabric, required quantity of Master batch shall be used to give Milky white with Blue tone appearance to Bag.

5. STITCHING

- The bottom of the bag shall have minimum 25 mm folding when measured from outside.
- The bottom of the bags shall have one fold (4 layers).
- The bag shall be stitched at the bottom with two rows of chain stitches. The materials used for stitching shall be HDPE tape having at least 20 percent higher denier than that used for making the sack. The stitching shall be uniform without any loose thread or knot.
- The distance between the rows shall be minimum 5 mm. The outer row shall be minimum 8 mm from the outer edge of the bottom of the bag.
- The bag is to be stitched on both bottom corner edges of the bag diagonally 150 mm from the bottom corners (the distance of the stitch is to be 150 mm in the length and width direction). This is required for lifting of the bags manually.

The other details of stitching shall be as given below:

INNER LINER

LDPE /LLDPE Liner for TSP Bags:

Liner for CAN: Liner shall be made from following grade of IPCL grade LDPE/ LLDPE

- A. LDPE -Grade 24FS040 : 70 %
- B. LLDPE-Grade LL 20FS010 : 30 %

Capacity	Length	Width
50 kg	1066 mm \pm 10 mm	685 mm \pm 10 mm
25 kg	620 mm \pm 10 mm	460 mm \pm 10 mm
Including the bottom stitching		

6. Important Note:

- The liner length used in folding / stitching portion is not taken into account by us while working out above mentioned size of liner.
- Thickness of liner: 250 gauge \pm 10%
- Liner should be heat sealed at the bottom and should be stitched with HDPE fabric from 1" from the heat seal. It means after heat sealing the liner, the remaining liner should be stitched maximum 1" from the heat sealed strips.

6.1. TOTAL WEIGHT OF INDIVIDUAL BAGS WILL BE AS UNDER:

CAPACITY	HDPE BAG WT.	LINER WT.	TOTAL WT. (HDPE BAG + LDPE/LLDPE LINER)
50 kg	165 Gram \pm 6%	85 Gram \pm 10 %	250 Gram \pm 8%
25 kg	120 Gram \pm 6%	65 Gram \pm 10 %	185 Gram \pm 8%

7. STRENGTH:

- The minimum lengthwise and widthwise breaking strength of the samples drawn from the lot of laminated bags shall be as follows :
- Lengthwise: Minimum 68 kgf.
- Widthwise: Minimum 85 kgf.
- Widthwise at lamination joint: Minimum 85 kgf.
- Breaking strength of the bottom seam shall be minimum 31 kgf.
- The elongation of the laminated fabric, while testing both lengthwise and widthwise breaking strength shall not be less than 15% and more than 25%.

8. MESH, DENIER AND WEIGHT

Mesh and Denier: The bags shall be 10 x 10 mesh with minimum 2.5 mm tape width. The bags shall have close weaving. The denier of the tape used for fabric shall be 1000 denier for all types of bags.

Weight of the bag shall be as given in above table.

9. MOUTH OF BAG

The mouth of the bag shall be selvages hammed or heat cut so that the tapes do not fray.

10. BRANDING

The HDPE bag shall be branded by printing in Black/fast colour as per printing matter furnished by REL from time to time. The colour shall not fade on 24 hrs exposure to a 50% solution of Alkali. Printing shall be of flexorinting only. All the necessary changes in branding incorporated during the course of contract shall be included by vendor without any extra cost. 6" clear space should be available from top of bag before printing starts. In other words, printing in each bag will start leaving 6" clear space from top of bag before printing starts. In other words, printing in each bag will start leaving 6" space from mouth of bag.

The ink and the other ingredients to be used for such printing shall be waterproof, scratchproof, and harmless to fabric and shall be of sack branding quality manufactured by reputed firms. The ink used shall give smudge free, indelible and clean marking. Only Polyamide Resin based ink shall be used and only Butanol shall be used as reducing agent.

Only Hindustan Ink brand is to be used for printing purpose. Color should not fade during handling and transportation of bags to various locations. Bag supplier at his option can use any good quality ink but shade approval / ink quality approval is required before bulk supply of bags.

Test procedure and details for branding shall be as follows: The HDPE bag branding testing has been indicated above. IREL recommends that the supplier should test the quality of branding as per the procedure narrated below, prior to dispatch of the lot.

11. TESTING PROCEDURE

Prepare 50% Alkali solution by dissolving 250 Gram of sodium Hydroxide (Caustic Soda) in 1/2 Liter water (preferably distilled water). The bag strips shall be dipped in the solution for 24 hrs. After 24 hours, the strips are to be removed from the solutions, thoroughly washed with water and dried in air, the colour of the strips should not fade as compared to the original strip kept in air.

12. PACKING

- The bags shall be flat packed in trusses containing 500 nos. bags in each Lot/ truss.
- 500 BAGS SHALL BE PACKED IN A BALE.
- The trusses shall be wrapped with a HDPE of 6½ to 7 oz and stitched properly to withstand the hazards of transportation and storage.

Each lot/ truss shall be having following marking:

- **Name of the supplier**
 - **Type of bags and size**
 - **Weight of truss and no. of bags in truss**
 - **Sr. No. of truss**
 - **Lot No.**
 - **Purchase Order No.**
- If during receipt at IREL OSCOM site, the supplier is found to make a lapse on the above respect such lot shall be rejected and returned to party without any notice.

12. INSPECTION AND TESTING

Over and above all relevant IS specifications including following shall be followed

(a) IS 6192

(b) IS 9755

Inspection of the material shall be done at IREL site after receipt of the materials in presence of the suppliers' representative within seven days, however in the absence of the suppliers representative the inspection carried out by IREL shall be final and binding for acceptance or rejection of the bags with respect to the tender specification.

13. Analysis & Testing:

Material analysis and testing shall be done in a Govt. or NABL accredited test house only. Manufacturers test report may be accepted if their testing laboratory is NABL accredited. No other test report shall be accepted for quality/ performance purpose of the materials supplied. The material test report shall confirm to the relevant standards mentioned/or specified by

BIS.

14. APPEARANCE OF BAG AND USE OF MASTER BATCH

Appearance of all the bags should be Milky white with blue tone hence necessary quantity of master batch shall be used during manufacturing of HDPE tape and also during lamination of fabric.

15. PRINTING MATTER & ITS UNIFORMITY:

The printing matter should be as below:

In all the bags, vendors should maintain the uniformity in writing Hindi and English versions of printing matter. Printing matter approval is required before bulk supplies. 6" clear space (Min.) should be available from top of bag before printing starts. In other words, printing in each bag will start leaving 6" space from mouth of bag.

Printing matter will be sent to the successful bidder within 7 days of placement of order to the respective firm.

15.1 PARAMETERS FOR 50 KGS BAGS

Sl. No.	Parameters	
1.	Packing	50 kg
2.	Overall Size	26 in x 40 in
3.	Weight (Weight of the individual bags with lamination in gm) Average weight of samples drawn as per IS 9755 for inspection	165 gms \pm 6% 165 gms \pm 3%
4.	Tape width (in mm)	2.5
5.	Mesh Size	10 x 10
6.	Denier	1000

7.	Lamination	Laminated with 100 gauge LDPE
8.	Nos. of stitches per DM (chain stitches)	12 ± 2
9.	Minimum distance between two rows	5 mm
10.	Minimum distance from outer edge	8 mm
11.	Bottom folding	Bag shall be folded in 4 layers outside minimum 25 mm and stitching shall pass through all Four layers of fabrics
12.	Minimum breaking strength (in kgf) (A) Widthwise (B) Widthwise at lamination joint (C) Lengthwise	 85 85 68
13.	Minimum bottom seam strength (in kgf)	31
14.	% Elongation (A) Widthwise (B) Lengthwise	 15 to 25 15 to 25
15.	Drop test will be taken from height of 2 meters from all side (4 drops for bag)	a. No bag should rupture when subjected to minimum four numbers of drops. b. The bags during drop tests will be dropped on the stomach
16.	Liner LDPE/ LLDPE	 Made from virgin material clear colourless
17.	Thickness (Gauge)	250 ± 10%
18.	Liner Weight (gm)	85 ± 10%
19.	Total weight of Each bag with liner	250 gm ± 8%

15.2 PARAMETERS FOR 25 KGS BAGS

Sl. No.	Parameters	
1.	Packing	25 kg
2.	Overall Size	18.5 in x 24.5 in
3.	Weight (Weight of the individual bags with lamination in gm) Average weight of samples drawn as per IS 9755 for inspection	120 gms \pm 6% 120 gms \pm 3%
4.	Tape width (in mm)	2.5
5.	Mesh Size	10 x 10
6.	Denier	1000
7.	Lamination	Laminated with 100 gauge LDPE
8.	Nos. of stitches per DM (chain stitches)	12 \pm 2
9.	Minimum distance between two rows	5 mm
10.	Minimum distance from outer edge	8 mm
11.	Bottom folding	Bag shall be folded in 4 layers outside minimum 25 mm and stitching shall pass through all Four layers of fabrics
12.	Minimum breaking strength (in kgf) (A) Widthwise (B) Widthwise at lamination joint (C) Lengthwise	 85 85 68
13.	Minimum bottom seam strength (in kgf)	31

14.	% Elongation (B) Widthwise (B) Lengthwise	15 to 25 15 to 25
15.	Drop test will be taken from height of 2 meters from all side (4 drops for bag)	a. No bag should rupture when subjected to minimum four numbers of drops. b. The bags during drop tests will be dropped on the stomach
16.	Liner LDPE/ LLDPE	Made from virgin material clear colourless
17.	Thickness (Gauge)	250 ± 10%
18.	Liner Weight (gm)	65 ± 10%
19.	Total weight of Each bag with liner	185 gm ± 8%

17. Transportation:

Transportation shall be made through road by the party for delivery on FOR Destination Basis at Central Stores IREL OSCOM, Odisha.

18. Acceptance:

The bags shall be accepted on the basis of the test report, physical measurement at site for length, width, and weight and drop test. Allowable tolerance as per relevant IS specification is applicable. Total lot will be accepted on weight basis only.

19. Rejection:

Acceptance of the Lot does not absolve the supplier from the performance of the bags. Any bag/s not meeting the specification and fails during use, the total lot shall be rejected and supplier shall replace the material free of cost and the transportation of the material for return and replacement shall be borne by the supplier. If bursting is found beyond 0.10%, lot will not be used and same will be rejected.

With actual use of bags during bagging operations, if performance of bags is not found satisfactory, the lot will be rejected.

20. Technical Offer:

Offers on the basis of numbers of bags shall be considered for evaluation

The following matters are to be printed on bags in Hindi and English

-

Side-1

IREL (India) Limited

(OSCOM)

PO: MATIKHLO

DT: GANJAM

ODISHA - 761 045

(In English and Hindi)

Side-2

(IREL LOGO WILL BE PRINTED IN COLOUR, WHICH WILL BE PROVIDED TO THE SUCCESSFUL BIDDER)

TRI SODIUM PHOSPHATE

DODECAHYDRATE,

TECHNICAL

NET WT.:- 50 Kg / 25 Kg

SELF LIFE OF ONE YEAR FROM DATE OF MANUFACTURE

(In English and Hindi)

20. PRINTING:

Above matters must to be printed on each bag in English and Hindi of 1 inch minimum letter size in Black Colour.

Size of IREL (India) Limited symbol should be 20cm x 20cm in the colour shown above.

The BIS NO.- CM/L- NO- 5200022468 along with symbol to be printed in side-1 of the bag. However the Actual template shall be attached along with purchase order.

DELIVERY SCHEDULE:-

Item No. 01 (50 Kgs. Bags):-

Supply shall be made in staggered delivery basis in Five (05) lots within one year from the date of placement of purchase Order.

In 1st lot 30000 no's of 50 Kgs Bags shall be supplied **immediately within one month** from the placement of purchase order.

Balance 1,20,000 no's of 50 Kgs bags shall be supplied in **Four (04) lots, of 30000 no's of 50 Kgs Bags each** in staggered delivery basis in 60 days interval of delivery of 1st Lot **or within 30 days of Intimation by IREL vide E-mail** to complete the total Purchase order quantity.

Item No. 02 (25Kgs. Bags):-

Supply shall be made in one lot within one month from the placement of order.

1) Pre-qualification Criteria:-

Bidders should be experienced in having successfully executed similar supply as detailed below in CPSUs / Central Govt. Dept. / State Govt. / Semi- Govt. / Autonomous bodies or private organizations during last seven (7) years ending July 2024 and meeting the value requirement as below:

Execution of at least one order for "similar supply for a value of not less than **Rs. 41 Lakhs.**

OR

Execution of two orders for "similar supply for a value each not less than of **Rs. 26 lakhs.**

OR

Execution of three orders for "similar supply for a value each not less than of **Rs. 20 lakhs.**

Definition of Similar work(s): Supply of HDPE / PP Bags / FIBC Bags of 25KG / 50Kg / 1MT or combination of any.

NB: a) For MSE & Start-up bidders, past experience is relaxed. However, bidders have to establish their technical competency by submitting supporting documents towards successful execution of similar supplies for any value, failure to which the offer will not be considered for evaluation.

b) Bidder should consider and clearly understand the specification attached in the Buyer added bid specific Additional scope of work and submit the offer accordingly. Also all bidders are to upload the same with sign & seal along with bid for our reference regarding their understanding. If not uploaded, it will be presumed that they have understood & offered accordingly.

C) Please consider the following while quoting on GEM portal:-

i) 50 Kg Bag – Weight:- 250 Gram per bag – 300 Nos. in 1 Bale

- ii) 25 Kg Bag – Weight:- 185 Gram per bag – 500 Nos. in 1 Bale

2) Note:

As per para 7.3.5 on (Clarification of Bids/Shortfall Documents) of the Manual for Procurement of Goods 2017, issued by Ministry of Finance, Department of Expenditure, During evaluation and comparison of bids, the purchaser may, at his discretion, ask the bidder for clarifications on the bid. The request for clarification shall be given asking the tenderer to respond by a specified date. If the tenderer does not comply or respond by the date, his tender will be liable to be rejected. Depending on the outcome, such tenders are to be ignored or considered further. No change in prices or substance of the bid shall be sought, offered or permitted. No post bid clarification at the initiative of the bidder shall be entertained. **The shortfall information / documents should be sought only in case of historical documents which pre-existed at the time of the tender opening and which have not undergone change since then.** So far as the submission of documents is concerned with regard to qualification criteria, after submission of the tender, only related shortfall documents should be asked for and considered. **For example, if the bidder has submitted a supply order without its completion / performance certificate, the certificate can be asked for and considered. However, no new supply order should be asked for so as to qualify the bidder.**

3) As per section 7.3.1 of Manuals for procurement of Goods, the offer shall be declared as unresponsive and be ignored during the initial scrutiny if:

- i) The offer is not in the prescribed format or is unsigned or not signed as per the stipulations in the bid document.
- ii) The required EMD has not been provided or exemption from EMD is claimed without acceptable proof of exemption;
- iii) The bidder is not eligible to participate in the bid as per laid down eligibility criteria (example: the tender enquiry condition says that the bidder has to be a registered MSE unit but the tenderer is a, say, a large scale unit);
- iv) The tenderer has quoted for goods manufactured by a different firm without the required authority letter from the proposed manufacturer.
- v) The bid departs from the essential requirements specified in the bidding document (for example, the tenderer has not agreed to give the required performance security); or
- vi) Against a schedule in the list of requirements in the tender enquiry, the tenderer has not quoted for the entire requirement as specified in that schedule (example: in a schedule, it has been stipulated that the tenderer will supply the equipment, install and commission it and also train the purchaser's operators for operating the equipment. The tenderer has, however, quoted only for supply of the equipment).

4) SD / EPBG: Please furnish Security Deposit (SD) @ 5% of the total order value (Excluding GST) within 14 days of receipt of this order in the form of demand draft / RTGS. Alternatively, you may furnish an irrevocable Bank Guarantee for the said amount. The BG should be issued by SBI including its subsidiaries or Nationalized Bank or any schedule 'A' Commercial Bank approved by RBI. BG given by Co-Operative banks will not be accepted. BG shall not bear any interest and is liable to be forfeited for unsatisfactory completion or an abandonment of the supply. The same shall be refunded to you after successful completion of warranty period and after due clearance by user department.

5) Payment Terms (As per GEM GTC) i.e. 100% payment will be released within ten (10) days of issue of consignee receipt-cum-acceptance certificate (CRAC) and on-line submission of bills.

6) EMD(Earnest Money Deposit) & PBG(Performance Bank Guarantee): Party should submit EMD and PBG as per the GEM bid condition.

7) i) Pre-Qualification Criteria can be relaxed as per prevailing norms for MSEs, MII and Startup companies subject to meeting quality and technical specification.

ii) For MSE bidders and start-ups as recognised by DPIIT (Department for Promotion of Industry and Internal Trade)

- ii. a) EMD is exempted as per EMD exemption clause available in GEM bid and GEM General T&C.
- ii. b) Turnover is exempted as specified in the bid.
- ii. c) Purchase Preference is given as specified in bid.

8) Offers from vendors defaulted to IREL (India) Limited, OSCOM during last one year will not be considered.

9) Bidder should upload their bank details along with offer for Payment and EMD/SD refund purpose

10) Other terms & condition and contact details are attached in buyer uploaded ATC doc.

11) **Engineer-In-Charge: S.K. Saw, DM-Tech (Chem.), REEP**

12) **File No: 36 / 29400 (Revenue)**

Contact person of Tendering Authority

IREL(India)Limited, OSCOM Unit

<u>Purpose</u>	<u>Name</u>	<u>Email id</u>	<u>Mobile No.</u>
For Bid/tender related query	Shri R.S. Sabat DGM-Technical (Purchase) & I/c-Marketing	rsabat@irel.co.in / purchase-os@irel.co.in	+91 8280402609
	Smt.Sweta Sinha, Manager(Purchase)	sksinha@irel.co.in	+91 7978132875
For Consignment/Goods Transportation related Query	Shri. G.K. Chandraguptan, CM-Tech. (Stores)	stores-os@irel.co.in , gkchandraguptan@irel.co.in	+91 9003681969
For Payment/refund related Query	Shri. J. Nayak, DGM (F&A)	jnayak@irel.co.in , finance-os@irel.co.in	+91 9220310513
For Technical Specification/Scope of work related Query	Shri. S.K. Saw, DM - Tech(Chem.), REEP	satyendra.kumar@irel.co.in	+91 9039665542

11. 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. 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---