

**PRESS NOTICE**

**Inviting Expression of Interest (EOI) for pilot study on implementing AI-based solution through CCTV Surveillance System for warehousing operations.**

Central Warehousing Corporation, Corporate Office, New Delhi hereinafter also referred to as Corporation invites Expression of Interest (EOI) from interested parties for pilot study on implementing AI-based solution through CCTV Surveillance System for warehousing operations. Interested parties may submit their offer, as per prescribed proformas mentioned elsewhere in this document, through Tender Wizard vide [www.cwceprocure.com](http://www.cwceprocure.com).

## 1. DISCLAIMER

- 1.1. This document has been prepared on the basis of available information in Corporation and other publicly available documents which Corporation believes to be reliable.
- 1.2. The information contained in this Expression of Interest document (the “EOI”) or subsequently provided to Bidder(s), whether verbally or in documentary or any other form, by or on behalf of Central Warehousing Corporation or any of their employees or advisors, is provided to Bidder(s) on the terms and conditions set out in this EOI and such other terms and conditions subject to which such information is provided.
- 1.3. This EOI is not an agreement and is neither an offer by the Authority to the prospective Bidders or any other person. The purpose of this EOI is to provide interested parties within formation that may be useful to them in the formulation of their application for qualification pursuant to this EOI (the “Application”). While this document has been prepared in good faith, no representation or warranty, express or implied, is or will be made, and no responsibility or liability will be accepted by corporation or any of their employees, advisors or agents as to or in relation to the accuracy or completeness of this document and any liability thereof is hereby expressly disclaimed. Interested Parties may carry out their own study/ analysis/ investigation as required before submitting their proposals.
- 1.4. The information given is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The Authority, its employees and advisors make no representation or warranty and shall have no liability to any person, including any Bidder or Bidder, under any law, statute, rules or regulations or principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this EOI or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the EOI and any assessment, assumption, statement or information contained therein or deemed to form part of this EOI or arising in any way with pre-qualification of Bidders for participation in the EOI Bidding Process.
- 1.5. The Authority also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Bidder upon the statements contained in this EOI.
- 1.6. This document does not constitute an offer or invitation, or solicitation of an offer, nor does this document or anything contained herein, shall form a basis of any contract or commitment whatsoever. The Corporation may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information in this EOI document. By downloading the document, the interested party is subjected to the confidentiality clauses.

## **2. SCHEDULE OF EOI**

- 2.1. Issue of EOI document: **25-11-2022**
- 2.2. Pre EOI submission meeting will be held at Corporation head office on **02-12-2022 at 1500 hours.**
- 2.3. Due date for EOI documents submission by Tender Wizard: **09-12-2022 up to 1500 hours.**
- 2.4. Opening of EOI Bid: **09-12-2022 at 1600 hours.**

## **3. BACKGROUND**

- 3.1. Central Warehousing Corporation, a premier Warehousing Agency in India, was established in 1957 for providing logistics support to the agricultural sector and is one of the biggest public warehouse operators in the country offering logistics services to a diverse group of clients. CWC is operating 428 Warehouses across the country with a storage capacity of 11.8 million MT providing warehousing services for a wide range of products ranging from agricultural produce to sophisticated industrial products.
- 3.2. Warehousing activities of Corporation include food grain warehouses, industrial warehousing, custom bonded warehouses, container freight stations, inland clearance depots and air cargo complexes.
- 3.3. Apart from storage and handling, Corporation also offers services in the area of clearing & forwarding, handling & transportations, procurement & distribution, disinfestations services, fumigation services and other ancillary activities.

## **4. PURPOSE OF EXPRESSION OF INTEREST**

- 4.1. Central Warehousing Corporation, Corporate Office, New Delhi invites Expression of Interest (EOI) from interested parties for pilot study on implementing AI-based solution through CCTV Surveillance System for warehousing operations.
- 4.2. There has never been a better time to secure one's premises with CCTV Surveillance System; modern innovations have allowed to create high-definition, fully maneuverable, internet-connecting cameras that provide their operators with an even wider range of flexibility than ever before. Regardless of the industry in mind, automation seems to be the next step in their evolution – and CCTV Surveillance System is no different.
- 4.3. In the current global scenario, CCTV Surveillance System are being integrated with AI solutions to transform the way operations are being done. From facial recognition to running complex algorithms for determining physical parameters such as temperature, AI is gradually becoming the backbone of smart analytics in all industries, including logistics and supply chain.

- 4.4. Keeping the same in mind and with a vision to supplement the existing CCTV Surveillance System installed at warehouses across PAN India, CWC is looking for a solution which can not only perform transactional analysis, but can also augment the existing security measures by alarming officials of unwanted activity in the warehouse premises. The solution should also monitor the compliances of Standard Operating Procedures during the warehouse operations and should suitably alert the concerned officials in case of any non-compliance.
- 4.5. This document is an Expression of Interest (EOI) for bidders to express their interest for pilot study on implementing AI-based solution through CCTV Surveillance System for warehousing operations. The interested bidders would be required to make presentations of their solution with detail including hardware required, server requirement, software/s license requirement, modules and detailed list of equipment/items with specification & makes required before the Corporation. However, the hardware, software, and other solutions detailed in the presentation should be vendor/OEM neutral, i.e., the presentation should not specify the make and model of the products.
- 4.6. The use cases for video analytics, and other operations (as per scope of work mentioned elsewhere in this document) are also required to be presented. Implementation plan and timelines should also be provided as part of presentation. The date, time and venue for making presentation which is mandatory would be communicated to the eligible bidders after receiving bids from interested bidders.
- 4.7. IT Infrastructure components such as Servers, Databases, Networking & Security components, Storage, Software and other IT components etc. required at the Cloud Data Centre would be provided by Corporation.
- 4.8. The proposed solution of the successful bidder which shall be implemented for the purpose of this pilot shall be evaluated for its effectiveness and compliance to scope of work.

## 5. EVALUATION CRITERIA

- 5.1. A bidder participating in the EOI process shall possess the following minimum eligibility criteria:

S.No.	Eligibility Conditions	Documentary Proof to be uploaded
1.	Bidder should be a 1. Registered company/ Public Sector Undertaking/Statutory body	1) For Registered Company/PSU/Statutory <u>body</u> i) Copy of Certificate of Incorporation ii) Copy of Memorandum of

	<p>OR</p> <p>2. Registered partnership Firm</p> <p>OR</p> <p>3. Proprietorship</p> <p>OR</p> <p>4. LLP in India under Companies Act, 2013</p> <p>OR</p> <p>5. Co-operative Society</p> <p>OR</p> <p>6. Others.  (if the bidder is a partnership firm/LLP, there shall not be any re-constitution of the partnership without the prior written consent of the Corporation)</p>	<p>Association</p> <p><b>iii)</b> Copy of Articles of Association</p> <p><b>iv)</b> Current list of Directors.</p> <hr/> <p>2) <u>For Partnership Firm</u></p> <p><b>i)</b> Copy of the partnership deed</p> <p><b>ii)</b> List of partners</p> <p><b>iii)</b> Copy of registration of Partnership deed.</p> <hr/> <p>3. <u>For Proprietorship</u></p> <p><b>i)</b> Declaration of Proprietorship/Sole Proprietorship as per Annexure-I under the Digital signature of authorized Signatory</p> <p><b>ii)</b> Copy of registration (if registered)</p> <hr/> <p>4) <u>For LLP</u></p> <p><b>i)</b> Copy of Limited Liability Partnership Agreement</p> <p><b>ii)</b> Copy of certificate or registration</p> <p><b>iii)</b> Current list of Partners</p> <hr/> <p>5) <u>For Cooperative Society</u></p> <p><b>i)</b> Bye-Laws (of Co-operative Society)</p> <p><b>ii)</b> Registered Co-op. Societies should furnish the proof of Registration with Registrar of Co-op. Societies or Taluk Co-op. Officer along with a resolution passed by the Society to participate in the EOI enquiry.</p> <hr/> <p>6) For others</p> <p><b>i)</b> Notarized copy of certificate of incorporation.</p>
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2.	<p>The bidder must have work experience of satisfactory implementation of AI-based solution through CCTV Surveillance System.</p>	<p>Copies of three Work Orders and client/customer certificate as per Annexure-II, stating satisfactory implementation of AI-based solution through CCTV Surveillance System in the last three (3) years i.e., from the date of publication of EOI and the cumulative value of these 3 work orders should not be less than Rs. 1 crore.</p> <p>However, for a running contract, the bidder can submit client/customer certificate stating satisfactory installation and commissioning of AI-based solution through CCTV Surveillance System, pertaining to the running contract, along with work orders and cumulative value as stated above.</p> <p>In case of work experience of private organizations, Form-16 and bank statement pertaining to the receipt of payment of the related work order is also to be submitted.</p>
3.	<p>Bidder must have positive Net Worth for latest financial year for which Audited Balance Sheet and Profit &amp; Loss Account is submitted.</p>	<p>Relevant pages of Audited Balance sheet and Profit &amp; Loss account for the last three financial years i.e., 2019-20, 2020-21, and 2021-22*.</p> <p>And, the bidder is required to upload Annexure-III depicting Net worth for latest financial year for which Audited Balance Sheet and Profit &amp; Loss Account is submitted.</p> <p>(*If the audited Balance Sheet and P&amp;L A/c is not available for the year 2021-22, the Relevant pages of Audited Balance sheet and P &amp; L A/c for the year 2018-19 may be uploaded)</p>

4.	The Bidder should not have been blacklisted by CENTRAL WAREHOUSING CORPORATION, any State Government, Central Government or any other public sector undertaking or a corporation or any other Autonomous organization of Central or State Government as on Bid submission date.	Undertaking in this regard signed by the authorized signatory as per annexure-IV.
5.	Registration with Income Tax and Goods and Service Tax.	i) Copy of PAN card. ii) Copy of GST Registration Number (Application for registration with Income Tax Department and /or with GST Commission will not be considered as a valid document)
6.	Undertaking on acceptance of terms and conditions of this EOI	Annexure-V
7.	Authorized signatory  Note: The bid should be uploaded by the authorized signatory as defined in Annexure-VI under his own signature/digital signature.	All the documents against the bid must be ink signed & stamped or digitally signed by the Authorized Signatory.  Power of attorney in favour of signatory (ies) duly attested by Notary as per Annexure-VI which is for purpose of guidance only and deviation in the wording can be accepted.
8.	Non-Disclosure Agreement	Annexure-VII
9.	Covering Letter from bidder	Annexure-VIII

5.2 Corporation reserves the right to establish the veracity with respect to documents mentioned above with customers before placing the award of contract. During the evaluation of the bid, the requirement of bid can be met by any of the documents uploaded in the bid.

5.3 CWC may seek any specific clarifications or missing document(s) to meet the EOI requirement. Irrespective of date of issuance of such document, the document submitted under clarification should be complying with the EOI conditions before last date of publication of bid.

5.4 All the responses to the clarifications will be part of the proposal of the respective bidders, and if the clarifications/document(s) are in variance with the earlier information in the

proposal, the information provided in later stages will be the part of the agreement between the successful bidder and CWC.

- 5.5 After the submission of technical bid(s) and presentation(s) to the corporation, the scope of the EOI, along with the timelines for rollout at other warehouses, other terms and conditions, submission of EMD, PBG etc., and Bill of Material would be frozen.
- 5.6 Also, after the submission of documents required in EOI(s) and presentation(s) to the corporation, the turnover of the bidders would be examined for shortlisting (if required) as per guidance notes for selection of implementation agencies published by Ministry of Electronics & Information Technology.
- 5.7 Financial quote will be sought from the eligible bidder(s) in the format and schedule which will be communicated after the submission of technical bid and presentation to the corporation. A compliance certificate would also be taken from the eligible bidders stating compliance of proposed solution w.r.t. the scope of EOI (including revisions to it, if any).
- 5.8 The successful Bidder in the EOI shall carry out the supply, installation, configuration, configuration, commissioning, testing, training and support as per the specifications and the specified scope of work at earmarked location(s) of the corporation mentioned below.

## 6. INDICATIVE SCOPE OF WORK

6.1. The indicative scope of the proposed work is as follows:

S. No.	Activity performed at Warehouse	Data to be captured	Purpose	Possible Deviation
1	Entry of Truck/Vehicle from Warehouse Gate	Vehicle Number	To keep a track of all the trucks entering CWC Premise	-
2	Receipt of stock/ Weighment of Truck at Weighbridge	Vehicle Number	To make sure that the truck which entered the Warehouse didn't go towards the Godown without weighment.	Alarm/Notification to be generated if the truck entered the Warehouse without capturing of weight
		Gross Weight of Truck at Weighbridge	Calculation of Net Weight of commodity	--
		Truck Challan Image	For capturing sources of stock	--
			Capturing declared No. of bags	--
3	Unloading/Dumping of Stock	Vehicle Number	In order to ensure that the truck has reached at the designated	Alarm to be triggered if the truck is not



			platform only for dumping of stock	unloaded at designated platform/gate
		Total No. of bags unloaded/dumped	To make sure that the No. of bags dumped on the platform are same as the no. of bags declared	More or lesser no. of bags received actually
		Determine bag type i.e. Jute or PPE	Auto-calculation of Gunny weight for determining the net weight of the commodity	--
		Tare Weight of Truck	For calculation of Net Weight of commodity and average weight of total bags received	Truck should not exit the gate without capturing of Tare Weight
4	Sampling/Analysis of stock	Sampling of the dumped stock	To make sure that the dumped stock is sampled as per the laid down procedure and all dumped layers are covered during sampling	Dumped stock should not be stacked inside the Godown without proper sampling as per the laid down procedure
		Moisture and refractions of Stock	For determining the moisture content and detailed refractions of the stock received	Stock should not be stacked inside the Godown if it is not as per permissible refractions or moisture
5	Stacking of Stock	No. of bags stacked inside the Godown	To ascertain that all the dumped bags are stacked inside the Godown and in the allotted stack only.	Lot of bags not passed during the analysis should not be stacked
			Layer-wise breakup of the stock is to be captured	Accepted lot should not go to any other stack apart from the allotted one
		Spillage/Made-up bags during receipt of stock	Loose grain which is collected during the operations is filled in Gunny bags and is kept along with the mother stock only	--

			To keep count of total made-ups made after completion of stack and make sure they are delivered along with that particular stack	A stack may have 3000 sound bags and 4 made-ups. It should be made sure that the stock delivered is not less than 3004 bags now.
6	Fortnightly Inspection of Stacks	Date and time of operations	To make sure that the fortnightly Inspections are carried out on due date	Notification be sent if due date missed
		Face Recognition of staff carrying out Inspection	To ensure that Inspection of the stock is carried out by the concerned technical staff only (as per Office Orders)	Designated staff may not carry out the Inspection/conduct analysis himself
		Moisture and refractions of Stock	For determining the moisture content and detailed refractions of the stock during fortnight Inspection and Comparison of present condition of stock in respect to stock received initially	
		Presence of Infestation	If infestation is noticed during the fortnightly Inspection, timely and required treatment is given to the stock	A delay in treatment might lead to deterioration of stock. Trigger should be raised in case of delays
			Stock should not be issued till stock is treated	Alarm be triggered if infested stock is issued without treatment
7	Treatment of Stock	Date and time of operations	To make sure that treatment is given timely	Delay in treatment to be recorded/reported
		Treatment type	To ascertain if prophylactic or curative treatment is done. This should correlate with the treatment required as per the infestation reported initially	If infestation level/type suggests that curative treatment is required, then alarm should be generated if only prophylactic treatment is given

		Batch No., Name and quantity of chemical used	To make sure that correct quantity and chemical type is being used to treat the stock (as per the stock weight and type of Infestation)	Chemicals may not be used in correct quantities or expired batches might be used
8	General Operations	Opening Closing of Godown	Date and time of opening and closing of Godown	Treatment, cleaning operations might be shown in Godown even when the Godown were not actually opened
		Capturing total footfall	Any unauthorized access can be stopped	--
		Date and time of cleaning, bushing and grain filling operations	To make sure that these operations are actually being carried out in the Godown and not merely being shown on paper	Capturing total duration of operation will ascertain that if the work is being carried out efficiently or not
9	Issue of Stock	Vehicle Number	To keep a track of all the trucks entering CWC Premise/Gate for issue of stock	-
			At weighbridge to make sure that the truck which entered the Warehouse didn't go towards the Godown without weighment.	Alarm/Notification to be generated if the truck entered the Warehouse without capturing of weight
			In order to ensure that the truck has reached at the designated Godown only for issuing of stock	Alarm to be triggered if the truck is not being loaded from the designated Godown
		Tare Weight of Truck at Weighbridge	Calculation of Net Weight of commodity issued	--
		No. of bags stacked inside the truck	To have total count of bags actually accommodated inside the truck	Bags should be stacked from the allotted stacks only
		Spillage/Made-up bags during issue of stock	Loose grain which is collected during the operations is filled in Gunny bags and is kept	--

		along/issued with the mother stock only	
		To keep count of total made-ups made after killing of stack and make sure they are delivered along with that particular stack only	Made-up bags after killing of stack should not be kept in any other stack
		Total count of cut and torn gunnies released	--
	Sampling of the stacks	To make sure that the stock in stacks is sampled as per the laid down procedure i.e., peripheral and from core	Stock should not be issued without proper sampling as per the laid down procedure
	Moisture and refractions of Stock	For determining the moisture content and detailed refractions of the stock issued	--
		For calculation of storage loss/gain as per the existing norms	Any abnormal gain/loss should be reported
	Truck No. and Gross Weight of Truck at Weighbridge	Calculation of Net Weight of commodity issued	--
	Capturing Image of Gate Pass	To ascertain total no. of bags declared to be issued by the concerned Godown Incharge	--

Note: In case of siding godowns, stock shall be loaded in wagons from stacks in procuring center while it would be unloaded from wagons to stacks in consuming center.

Data processed through CCTV Analytics should be able to generate:

- a) Storage loss /gain with respect to storage period
- b) Quality Analysis Report
- c) Total count and weight of bags received/ issue including made up bags.
- d) Integration with Warehouse Management System of CWC and Depot Online System of FCI.
- e) All other reports pertaining to Gate Movement/Weighbridge operations/ Rake Movement/ Fortnightly operations/ Chemical consumption etc.

- 6.2 Pilot study shall be carried out in Four Godowns (two siding and two non-siding) each at CW Nabha BD and CW Miraj BD. All the prospective bidder/s are encouraged to familiarize themselves with the warehouse location and layout/s thereof for which no expenses will be paid by the corporation.
- 6.3 The proposed solution of the successful bidder which shall be implemented for the purpose of this pilot study shall be evaluated for its effectiveness and compliance to scope of work over a duration of three months. However, duration of the study may be extended, if required.
- 6.4 Further, the distinctive features of the solution, i.e., facial recognition, number plate recognition, counting of bags, determination of bag type, opening and closing of godowns, etc. would be integrated with e-tools of the Corporation, such as HRMS (attendance using facial recognition), Warehouse Management System (truck number, bag type, count of bags etc.), etc.
- 6.5 The project scope will also entail following activities.
- a) Project Kick off meeting
  - b) Preparation and submission of schedule with list of staff to be deployed under the project during different parts/stages of the project.
  - c) Preparation and submission of schedules of supply, customization, installation, configuration, integration and commissioning
  - d) Supply of software and hardware as per proposed solution
  - e) Customization, installation, configuration, integration and commissioning of proposed solution for carrying out live operations and getting the acceptance of the same from the Corporation.
- 6.6 The proposed solution should be capable of working and integrating with IP wireless CCTV Surveillance System. It should also have event and authorization-based alert systems, wherein, the alerts will be sent only to an authentic person/s and the relevant department.
- 6.7 AI engine should have machine learning capabilities to provide useful actionable insights from live streaming video feed data. The engine should be able to differentiate and analyze the images from video surveillance cameras in order to recognize humans, vehicles, animals or objects.
- 6.8 The successful bidder in the EOI shall carry out the supply, installation, configuration, commissioning, testing, training and support as per the specifications and the specified scope of work at earmarked locations of the corporation mentioned below.
- 6.9 Upon successful completion of the Pilot study, the agency may be asked to rolled out at other warehouses, as per assessment and requirement of CWC.
- 6.10 The proposed solution should be such that the entire control and monitoring can be done remotely through internet connections from control centers established at Regional

Offices/Corporate Office. Also, the remote viewing/live feed of CCTV cameras for all the warehouses is also to be ensured from the time of installation of CCTV cameras.

6.11 The successful bidder and the Corporation would be required to sign a Joint Procedural Order (JPO) after the work is awarded-

## **7. SUBMISSION GUIDELINES**

7.1. The Bidder shall submit the proposal “Expression of Interest for implementation of AI-based solution through CCTV Surveillance System for warehousing operations” as per enclosed Annexure-IX along with the mandatory documents as per clause 5 through Tender Wizard vide [www.cwceprocure.com](http://www.cwceprocure.com). A processing fee of Rs. 750/- plus GST would have to be paid for the same.

7.2. In case of any queries Tender Wizard may be contacted as follows:

- 080-45811365
- 080-45982100
- [cwceproc@etenderwizard.com](mailto:cwceproc@etenderwizard.com)

7.3. In case of any queries on EOI following officials may be contacted:

- Sh. Kartik Dhawan, Senior Assistant Manager: 7011544695  
(Email ID: [dhawan.kartik@cewacor.nic.in](mailto:dhawan.kartik@cewacor.nic.in))
- Sh. Mohit Solanki, Senior Assistant Manager: 9958218068  
(Email ID: [mohit1.solanki@cewacor.nic.in](mailto:mohit1.solanki@cewacor.nic.in))

### **7.4. Amendment of EOI**

7.4.1. At any time prior to the application due date, the authority may, for any reason, whether at its own initiative or in response to clarifications requested by a Bidder, modify the EOI by the issuance of corrigendum/corrigenda and posting it on the official website [www.cewacor.nic.in](http://www.cewacor.nic.in) and Tender Wizard.

7.4.2. All such amendments to EOI be posted on the official website of the authority and will be binding on all Bidders.

7.4.3. In order to afford the Bidders a reasonable time for taking an amendment into account, or for any other reason, the authority may, in its sole discretion, extend the application due date.

## **8. DISQUALIFICATION OF BIDDER**

8.1. A Bidder will be disqualified if the Bidder:

8.1.1. Does not meet the eligibility criteria of the EOI, makes misleading or false representations in the forms, statements and attachments submitted in the application.

8.1.2. Application submitted is not accompanied with the requisite documentation or is non-responsive.

## **9. GENERAL TERMS AND CONDITIONS**

9.1. The Authority reserves the right, without any obligation or liability, to accept or reject any or all the Applications submitted in response to this EOI at any stage of the process, to withhold or withdraw or to cancel or modify the process of this EOI, at any time, without assigning any reason whatsoever.

9.2. Other terms and conditions will be communicated to the eligible bidder(s) after the submission of technical bid and presentation to the corporation, and at the time of seeking financial bid.

**UNDERTAKING**

**(For Sole Proprietary Firm)**

I, ..... R/o.....

..... do hereby

solemnly affirm and declare as under: -

1. That I am Sole Proprietor of \_\_\_\_\_ (Sole Proprietor Firm Name)

2. That the office of the firm is situated at

\_\_\_\_\_

Place:

Date:

(Authorized Signatory)



**PROFORMA FOR INFORMATION OF WORK EXPERIENCE CERTIFICATE TO BE  
FURNISHED BY THE BIDDER FROM EACH CONCERNED PARTY**

**(On the letter head of client)**

This is to certify that M/s \_\_\_\_\_ have worked as service provider for the AI-based solution through CCTV Surveillance System, and their performance was found satisfactory. The details are as mentioned below: -

S. No.	Nature of the work/ contract executed	Period of contract	Contract start date	Contract completion date	Total value of contract executed (in Rs.)	Remarks
1		2019-20				
2		2020-21				
3		2021-22				

Date:

Signature:

(Name & Designation of Signing  
Authority Seal of the Company/  
Organization)

Note:

1. Certificate issued from Private Organization shall be supported by TDS certificate and bank statement highlighting the payment received.
2. If there are multiple work orders pertaining to a year by a single organization, then that year can be repeated in the certificate. For example, there are two work orders pertaining to 2019-20, and one for 2020-21, then the table should have two entries of 2019-20, and one entry of 2020-21.
3. If the customer does not furnish the proforma as per the format of this annexure, then the document of the customer should cover all details as mentioned in this annexure.

**FORMAT OF NET WORTH**

(On letter head of CA Firm)

The net Worth of Mr./Ms./M/s \_\_\_\_\_ for last  
Financial Year \_\_\_\_\_ is Rs. \_\_\_\_\_ as per his/her/their books of  
Accounts.

(Note: Net Worth means sum total of paid-up share capital plus free reserves. Further any debit  
balance of Profit and Loss Account and Misc. Expenses to the extent not adjusted / or written off, if  
any, shall be reduced from Reserves and Surpluses.

Date:

Signature of Chartered Accountant Name:

Membership No.:

Seal:

**PRO-FORMA FOR DECLARATION OF NON-BLACKLISTING**

(To be uploaded on letter head of Bidding company along with the bid)

Date:

To,

Group General Manager (System & Personnel)

Corporate Office

Central Warehousing Corporation

Subject: Declaration for Non-Blacklisting with reference to EOI No. ....

With reference to the above-mentioned EOI, we hereby confirm that we have not been black listed by any State Government, Central Government or any other Public Sector undertaking or a Corporation or any other Autonomous Organization of Central or State Government as on Bid calling date.

Yours faithfully,

For (Name of the Company)

Authorized Signatory

**UNDERTAKING FOR UNCONDITIONAL ACCEPTANCE OF TERMS & CONDITIONS  
OF THE EOI DOCUMENT**

[Date]

To,

Group General Manager (System & Personnel)

Corporate Office

Central Warehousing Corporation

**Subject: Expression of Interest (EOI) for pilot study for pilot study on implementing AI-based solution through CCTV Surveillance System for warehousing operations.**

Dear Sir,

We have examined the Expression of Interest (EOI) for pilot study for pilot study on implementing AI-based solution through CCTV Surveillance System for warehousing operations.

We confirm that the information contained in this response or any part thereof, including its exhibits, and other documents and instruments delivered or to be delivered to CENTRAL WAREHOUSING CORPORATION is true, accurate, verifiable and complete. This response includes all information necessary to ensure that the statements therein do not in whole or in part mislead the Corporation in its short-listing process.

We fully understand and agree to comply that on verification, if any of the information provided here is found to be misleading the short-listing process, we are liable to be dismissed from the selection process or termination of the agreement during the project, if selected to do so.

We agree for unconditional acceptance of all the terms and conditions set out in the EOI document and corrigendum if any and also agree to abide by this EOI response for a period of 120 days from the date fixed for bid opening.

We agree that CWC is not bound to accept any EOI response that they may receive. We also agree that CWC reserves the right in absolute sense to reject all or any of the services specified in the EOI response.

It is hereby confirmed that I/We are entitled to act on behalf of our company/ corporation/ firm/ organization and empowered to sign this document as well as such other documents, which may be required in this connection.

We understand that it will be the responsibility of our organization to keep CENTRAL WAREHOUSING CORPORATION informed of any changes in respect of authorized person and

we fully understand that CENTRAL WAREHOUSING CORPORATION shall not be responsible for non-receipt or non-delivery of any communication and/or any missing communication in the event reasonable prior notice of any change in the authorized person of the company is not provided to CENTRAL WAREHOUSING CORPORATION.

Dated this      Day of                      2022

(Signature)                      (In the capacity of)  
(Name)

Duly authorized to sign the EOI for and on behalf of:

(Name and Address of Company) Seal/Stamp of bidder

Witness Signature:

Witness Name:

Witness Address:

CERTIFICATE AS TO AUTHORISED SIGNATORIES

I \_\_\_\_\_, the (Director / Company Secretary) of \_\_\_\_\_, certify that \_\_\_\_\_ who signed the above Bid is authorized to do so and bind the company by authority of its board/ governing body.

Date:

Signature:

(Company Seal)

(Name)

Note: Authorized signatory should be an employee of the Bidder (as applicable) and should have been authorized vide a board resolution, authorizing him/her to sign/execute the proposal as a binding document and also to execute all relevant agreements forming part of EOI.

**FORMAT FOR POWER OF ATTORNEY TO AUTHORIZED SIGNATORY**

**POWER OF ATTORNEY**

(To be executed on non-judicial stamp paper of the appropriate value in accordance with relevant Stamp Act. The stamp paper to be in the name of the firm/ company who is issuing the Power of Attorney).

We, M/s. \_\_\_\_\_ (name of the firm/ company with address of the registered office) hereby constitute, appoint and authorize Mr./Ms. \_\_\_\_\_ (Name and residential address) who is presently with us and holding the position of \_\_\_\_\_ and whose signature is given below as our Attorney to do in our name and our behalf all or any of the acts, deeds or things necessary or incidental to our bid for the work \_\_\_\_\_ (name of work), including signing and submission of application/ EOI / proposal, participating in the meetings, responding to queries, submission of information/ documents and generally to represent us in all the dealings with CWC or any other Government Agency or any person, in connection with the works until culmination of the process of bidding, till the Contract Agreement is entered into with CWC and thereafter till the expiry of the Contact Agreement.

We hereby agree to ratify all acts, deeds and things lawfully done by our said Attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid Attorney shall always be deemed to have been done by us.

(in the case of Consortium/ Joint Venture) Our firm is a Member/Lead Member of the Consortium of \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_.

Dated this the \_\_\_\_\_ day of \_\_\_\_\_ 20

(Signature and name of authorized signatory being given Power of Attorney)

\_\_\_\_\_

(Signature and name in block letters of Proprietor / All the partners of the firm / Authorized Signatory for the Company) (*Strike out whichever is not applicable*)

Seal of the Proprietorship firm / Partnership firm/ Company

Witness 1:

Witness 2:

Name:

Name:

Address:

Address:

Occupation:

Occupation:

Notes:

- In case the Firm/ Company is a Member of a Consortium/ JV, the authorized signatory has to be the one employed by the Lead Member.
- The mode of execution of the power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and when it is so required the same should be under common seal affixed in accordance with the required procedure.
- Power of Attorney is to be attested by Notary.



**NON-DISCLOSURE AGREEMENT**

WHEREAS, we the undersigned Bidder, \_\_\_\_\_, having our principal place of Business / registered office at \_\_\_\_\_, hereinafter referred to as the Bidder, are desirous of bidding for EOI No. \_\_\_\_\_ dated \_\_\_\_\_ providing for pilot study on implementing AI-based solution through CCTV Surveillance System for warehousing operations.

WHEREAS, the Bidder is aware and confirms that the information, software, hardware, business data, architecture schematics, designs, storage media and other documents made available by Group General Manager (System & Personnel) in the documents during the EOI process and thereafter, or otherwise (confidential information for short) is privileged and strictly confidential and/ or proprietary to Group General Manager (System & Personnel).

NOW THEREFORE, in consideration of the foregoing, the Bidder agrees to all the following conditions, in order to induce Group General Manager (System & Personnel) to grant the Bidder specific accesses to confidential information, property, information systems, network, databases and other data, at CO and ROs.

IT IS HEREBY AGREED AS UNDER:

1. The Bidder agrees to hold in trust any confidential information received by the Corporation, as part of the EOI process or otherwise, and the Bidder shall maintain strictest of confidence in respect of such confidential information. The Bidder also agrees:
  - i. To maintain and use the confidential information only for the purposes of EOI for this Bid and only as permitted herein;
  - ii. To only make copies as specifically authorized by the prior written consent of Corporation and with the same confidential or proprietary notices as may be printed or displayed on the original;
  - iii. To restrict access and disclosure of confidential information to such of their employees, agents, consultants and representatives strictly on a “need to know” basis, to maintain confidentiality of the confidential information disclosed to them in accordance with this clause;and
  - iv. To treat confidential information as confidential unless and until Corporation notifies the Bidder of release of its obligations in relation to the said confidential information.
2. Confidential information does not include information which;
  - i. The Bidder knew or had in its possession, prior to disclosure, without limitation on its confidentiality;
  - ii. Is independently developed by the Bidder without breach of conditions under this EOI;

- iii. Information in the public domain as a matter of law;
  - iv. Is received from a third party not subject to the obligation of confidentiality with respect to such information;
  - v. Is released from confidentiality with the written consent of Corporation. The Bidder shall have the burden of proving hereinabove are applicable to the information in the possession of the Bidder.
3. Notwithstanding the foregoing, the Bidder acknowledges that the nature of activities to be performed as part of the EOI process may require the Bidder's personnel to be present on premises of Corporation or may require the bidder's personnel to have access to software, hardware computer networks, databases and storage media of the Corporation while on or off premises of Corporation. It is understood that it would be impractical for Corporation to monitor all information made available to the bidder's personnel under such circumstances and to provide notice to the Bidder of the confidentiality of all such information. Therefore, the Bidder agrees that any technical or business or other information of Corporation that the Bidder's personnel representatives or agents acquire while on Corporation premises, or through access to computer systems or databases while on or off Corporation premises, shall be deemed confidential information.
4. Confidential information shall at all times remain the sole and exclusive property of Corporation. Upon completion of the EOI process, confidential information shall be returned to Corporation or destroyed, if incapable of return. The destruction shall be witnessed and so recorded, in writing, by an authorized representative of Corporation. Nothing contained herein shall in any manner impair rights of Corporation in respect of the confidential information.
5. In the event that the Bidder becomes legally compelled to disclose any confidential information, the Bidder shall give sufficient notice to Corporation to enable Corporation to prevent or minimize to the extent possible, such disclosure, Bidder shall not disclose to a third party any confidential information or the contents of this Bid without the prior written consent of Corporation. The obligations of this Clause shall be satisfied by handling confidential information with the same degree of care, which the Bidder applies to its own similar confidential information but in no event less than reasonable care.
6. The obligations herein shall survive the completion or cancellation of the EOI process.

For and on behalf of: \_\_\_\_\_ (bidder)

Authorized Signatory

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Office Seal: \_\_\_\_\_

Place: \_\_\_\_\_

Date: \_\_\_\_\_

**COVERING LETTER FROM BIDDER**

(To be uploaded on Bidding company letter head)

From

To

Group General Manager (System & Personnel)

Corporate Office

Central Warehousing Corporation

Dear Sir,

With respect to the EOI for pilot study for pilot study on implementing AI-based solution through CCTV Surveillance System for warehousing operations.

1. I/We have thoroughly examined and understood information & instructions to bidders, terms and conditions of contract and its schedules etc., and agree to abide by them.
2. I/We would like to commit that in case of any difference/variation in the quote made, between figures and in words, only the rate quoted in words shall be construed as correct and valid.
3. I/We agree to keep the offer open for acceptance up to and inclusive of 120 days inclusive of date of Bid opening (Financial Bid) and to the extension of the said date by fifteen days in case it is so decided by the Group General Manager (System & Personnel). I/We shall be bound by communication of acceptance of the offer dispatched within the time and I/We also agree that if the date upto which the offer would remain open be declared a holiday for the Corporation, the offer will remain open for acceptance till the next working day.
4. I/we do hereby declare that the entries made in the Bid and appendix/schedules attached therein are true and also that I/We shall be bound by the act of my/our duly constituted attorney Mr./Ms. \_\_\_\_\_ whose signature is appended hereto in the space specified for the purpose and of any other person who in future may be appointed by me/us instead to carry on the business of the concerned, whether any intimation of such change is given to the Group General Manager (System & Personnel), Central Warehousing Corporation or not.

Yours faithfully,

Signature of Bidder

Capacity in which signing

Signature of constituted attorney

Name:

Address:

Date:

Signature of witness with date:

Name and Address of witness:

**CHECKLIST FOR SUBMISSION OF EXPRESSION OF INTEREST FOR AI-BASED SOLUTION THROUGH CCTV SURVEILLANCE SYSTEM FOR WAREHOUSING OPERATIONS**

Item	Details
Name of the bidder	
Address	
Contact Information	
email	

Checklist for documents for minimum eligibility:

S.No.	Eligibility Conditions	Compliance (Yes/No)	Uploaded Documentary Proof
1.	<p>Bidder should be a</p> <ol style="list-style-type: none"> <li>1. Registered company/LLP in India under Companies Act, 2013</li> <li>OR</li> <li>2. Registered partnership Firm</li> <li>OR</li> <li>3. Proprietorship</li> <li>OR</li> <li>4. Public Sector Undertaking/Statutory body</li> <li>OR</li> <li>5. Co-operative Society</li> <li>OR</li> <li>6. Others.</li> </ol> <p>(if the bidder is a</p>		

	partnership firm/LLP, there shall not be any re-constitution of the partnership without the prior written consent of the Corporation)		
2.	The bidder must have work experience of satisfactory implementation of AI-based solution through CCTV Surveillance System.		
3.	Bidder must have positive Net Worth for latest financial year for which Audited Balance Sheet and Profit & Loss Account is submitted.		
4.	The Bidder should not have been blacklisted by CENTRAL WAREHOUSING CORPORATION, any State Government, Central Government or any other public sector undertaking or a corporation or any other Autonomous organization of Central or State Government as on Bid submission date.		
5.	Registration with Income Tax and Goods and Service Tax.		
6.	Undertaking on acceptance of terms and conditions of this EOI		
7.	Authorized signatory Note: The bid should be uploaded by the authorized signatory as defined in		

	Annexure-X under his own signature/digital signature.		
8.	Non-Disclosure Agreement		
9.	Covering Letter from bidder		

Checklist for documents for scope of work:

S. No.	Activity performed at Warehouse	Data to be captured	Purpose	Possible Deviation	Compliance (Yes/No)
1	Entry of Truck/Vehicle from Warehouse Gate	Vehicle Number	To keep a track of all the trucks entering CWC Premise	-	
2	Receipt of stock/ Weighment of Truck at Weighbridge	Vehicle Number	To make sure that the truck which entered the Warehouse didn't go towards the Godown without weighment.	Alarm/Notification to be generated if the truck entered the Warehouse without capturing of weight	
		Gross Weight of Truck at Weighbridge	Calculation of Net Weight of commodity	--	
		Truck Challan Image	For capturing sources of stock	--	
			Capturing declared No. of bags	--	
3	Unloading/Dumping of Stock	Vehicle Number	In order to ensure that the truck has reached at the designated	Alarm to be triggered if the truck is not unloaded at designated platform/gate	



			platform only for dumping of stock		
		Total No. of bags unloaded/dumped	To make sure that the No. of bags dumped on the platform are same as the no. of bags declared	More or lesser no. of bags received actually	
		Determine bag type i.e. Jute or PPE	Auto-calculation of Gunny weight for determining the net weight of the commodity	--	
		Tare Weight of Truck	For calculation of Net Weight of commodity and average weight of total bags received	Truck should not exit the gate without capturing of Tare Weight	
4	Sampling/Analysis of stock	Sampling of the dumped stock	To make sure that the dumped stock is sampled as per the laid down procedure and all dumped layers are covered during sampling	Dumped stock should not be stacked inside the Godown without proper sampling as per the laid down procedure	

		Moisture and refractions of Stock	For determining the moisture content and detailed refractions of the stock received	Stock should not be stacked inside the Godown if it is not as per permissible refractions or moisture	
5	Stacking of Stock	No. of bags stacked inside the Godown	To ascertain that all the dumped bags are stacked inside the Godown and in the allotted stack only.  Layer-wise breakup of the stock is to be captured	Lot of bags not passed during the analysis should not be stacked	
				Accepted lot should not go to any other stack apart from the allotted one	
		Spillage/Made-up bags during receipt of stock	Loose grain which is collected during the operations is filled in Gunny bags and is kept along with the mother stock only  To keep count of total made-ups made after completion of stack and make sure they are delivered along with that	--	A stack may have 3000 sound bags and 4 made-ups. It should be made sure that the stock delivered is not less than 3004 bags now.

			particular stack		
6	Fortnightly Inspection of Stacks	Date and time of operations	To make sure that the fortnightly Inspections are carried out on due date	Notification be sent if due date missed	
		Face Recognition of staff carrying out Inspection	To ensure that Inspection of the stock is carried out by the concerned technical staff only (as per Office Orders)	Designated staff may not carry out the Inspection/conduct analysis himself	
		Moisture and refractions of Stock	For determining the moisture content and detailed refractions of the stock during fortnight Inspection and Comparison of present condition of stock in respect to stock received initially		

		Presence of Infestation	If infestation is noticed during the fortnightly Inspection, timely and required treatment is given to the stock	A delay in treatment might lead to deterioration of stock. Trigger should be raised in case of delays	
			Stock should not be issued till stock is treated	Alarm be triggered if infested stock is issued without treatment	
7	Treatment of Stock	Date and time of operations	To make sure that treatment is given timely	Delay in treatment to be recorded/reported	
		Treatment type	To ascertain if prophylactic or curative treatment is done. This should correlate with the treatment required as per the infestation reported initially	If infestation level/type suggests that curative treatment is required, then alarm should be generated if only prophylactic treatment is given	
		Batch No., Name and quantity of chemical used	To make sure that correct quantity and chemical type is being used to treat the stock (as per the stock weight and type of Infestation)	Chemicals may not be used in correct quantities or expired batches might be used	

8	General Operations	Opening of Godown	Date and time of opening and closing of Godown	Treatment, cleaning operations might be shown in Godown even when the Godown were not actually opened	
		Capturing total footfall	Any unauthorized access can be stopped	--	
		Date and time of cleaning, bushing and grain filling operations	To make sure that these operations are actually being carried out in the Godown and not merely being shown on paper	Capturing total duration of operation will ascertain that if the work is being carried out efficiently or not	
9	Issue of Stock	Vehicle Number	To keep a track of all the trucks entering CWC Premise/Gate for issue of stock	-	
			At weighbridge to make sure that the truck which entered the Warehouse didn't go towards the Godown without weighing.	Alarm/Notification to be generated if the truck entered the Warehouse without capturing of weight	

		In order to ensure that the truck has reached at the designated Godown only for issuing of stock	Alarm to be triggered if the truck is not being loaded from the designated Godown	
	Tare Weight of Truck at Weighbridge	Calculation of Net Weight of commodity issued	--	
	No. of bags stacked inside the truck	To have total count of bags actually accommodated inside the truck	Bags should be stacked from the allotted stacks only	
	Spillage/Made-up bags during issue of stock	Loose grain which is collected during the operations is filled in Gunny bags and is kept along/issued with the mother stock only	--	
		To keep count of total made-ups made after killing of stack and make sure they are delivered along with that particular stack only	Made-up bags after killing of stack should not be kept in any other stack	

		Total count of cut and torn gunnies released	--	
	Sampling of the stacks	To make sure that the stock in stacks is sampled as per the laid down procedure i.e., peripheral and from core	Stock should not be issued without proper sampling as per the laid down procedure	
	Moisture and refractions of Stock	For determining the moisture content and detailed refractions of the stock issued	--	
		For calculation of storage loss/gain as per the existing norms	Any abnormal gain/loss should be reported	
	Truck No. and Gross Weight of Truck at Weighbridge	Calculation of Net Weight of commodity issued	--	
	Capturing Image of Gate Pass	To ascertain total no. of bags declared to be issued by the concerned Godown Incharge	--	

Signature of Authorized Signatory

Name: \_\_\_\_\_

Address: \_\_\_\_\_