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Government of Punjab
Food, Civil, Supplies & Consumer Affairs Department
Anaj Bhawan, Sector-39 C, Chandigarh
(Storage Branch)

Comp. No: 818195/1566
To

Dated, Chandigarh: 01-06-2025

1. Managing Director, Punsup.
2. Managing Director, PSWC
3. Managing Director, Markfed

Subject: Regarding the rent revision of Covered Godowns hired by State Procurement Agencies for storage of Foodgrains, primarily wheat.

Please refer to the subject cited above.

2 In this regard, this is to inform that on the recommendation of State Level Committee constituted for revision of rentals of covered godowns, the rent of the Scientific Category A covered godowns hired by SPAs for storage of foodgrains, is hereby enhanced from Rs. 1.72/- per qtl per month to Rs. 2.22 /- per quintal per month effective from today i.e. date of notification. This revised rate shall be admissible only to those covered godowns which fully comply with the prescribed specifications and infrastructural requirements stipulated below:-

- 1) **SPECIFICATIONS:** Specifications of Category A godowns are placed at Annexure "A"
- 2) **ADDITIONAL INFRASTRUCTURE:**

2.1 Weighbridge: 60 MT Electronic lorry weighbridge (Pit less) as per specification attached at Annexure "B" with cabin room size 3.3 Meter X 4.8 meter (along with computer, printer & Invertor with battery) of reputed manufacturer meeting following criteria:-

- Weighbridge shall be installed in each campus.
- Where one Weighbridge has been installed within two complexes than the rent shall be increased only in one case after furnishing undertaking by both the parties for this arrangement subject to suitability to SPAS.
- Weighbridge should be within the boundary wall of the complex.
- The civil work should be upto mark.
- Weighbridge installed shall be used by SPAs exclusively for the stocks to be stored in the godowns and no commercial uses will be allowed to the godown owner.
- Weighbridge wherever have already been installed in the Campuses shall be upgraded exactly to the prescribed specifications

2.2 CCTV Cameras: 9 CCTV cameras for 10,000 MT and 7 additional cameras will be installed for each 10000 MT godown capacity. The specifications of CCTV cameras should be as mentioned in Para B of Annexure C

2.3 Fire Fighting Equipment: As per requirement of SPAs

2.4 Boundary wall: The height of boundary wall will be increased to extent of 5 to 6 feet and same will be measured from external/main road adjoining the godown complex.


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2.5 LED Lamps: 10/12 LED lights of 60 W for 10000 MT godown capacity and 7 additional lights will be provided for each 10000 MT godown capacity (covering every corner of godown). Internal lighting in the godowns. Wiring shall be covered with pipe.

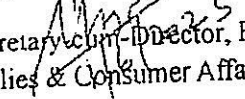
2.6 Translucent/Transparent roofing sheets: 4 sheets for 1800/2250 MT, 5 sheets for 2700 MT

2.7 Annual repair: Regular annual repairs/special repair/casual repair. Office block alongwith room with basic amenities.

2.8 Computers, apart from weighbridge computer, and internet connections will be provided by the godown owners specifications of which should be as mentioned in Para A of Annexure "C"

In order to claim the enhanced rent, the godown owners may be asked to present, the necessary proofs/documents meeting the above specifications of godowns and infrastructure requirements within 15 days, whereupon the officials of the concerned agency will then verify the same with one week. The proposed rent enhancement will be payable from the date of verification of infrastructure provisioning by the officers of respective SPAs. It is clarified that partial provisioning or non-provisioning of requisite infrastructure, as notified above and not as per recommended specifications, will render private godown owners ineligible for rent enhancement.

This is being issued with the approval of competent authority.


Secretary-cum-Director, Food Civil
Supplies & Consumer Affairs Punjab

A copy of the above is forwarded to the following for information and further necessary action:

- 1) General Manager (Finance), Pungrain
- 2) All the Deputy Directors (Field) Food, Civil Supplies & Consumer Affairs, in the State of Punjab.
- 3) All District Food & Supplies Controllers, in the State of Punjab.

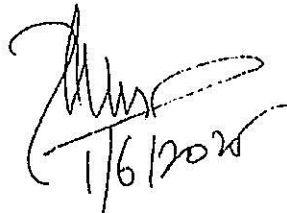

Secretary-cum-Director, Food Civil
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ANNEXURE A

SPECIFICATIONS FOR SCIENTIFIC COVERED GODOWNS (CATEGORY-A)

- a) SITE: The site for the Scientific Covered godown should be preferably near Railway Station or Marketing Yard. It should be absolutely safe from any kind of flood or leakage from roof and linked with pucca road for movement of trucks or carts.
- b) SIZE OF GODOWN: Internal dimension of the godown.
204' 4" x 70', 204' x 47' 6", 170' x 70', 170' x 47' 6", 136' x 70', 136' x 47' 6", 102' x 70' or 102' x 47' 6"
- c) WALLS: 13' 6" thick brick wall 1:6 cement sand mortar
- d) COLUMNS: RCC columns to bear the load of trusses and roofing.
- e) PLINTH HEIGHT: Preferably 2' 3" above from finished internal roads. The plinth should consist of a platform constructed 2' 3" above the ground level around the plinths. The top of the plinths shall consist of bricks on edge paving sand ground over 4" thick rammed brick aggregate 1.1/2" gauge ". The brick paving should be finished with cement pointing 1:4. The toe wall should consist of 9" thick brick wall in mud mortar finished with cement pointing from outside
- f) FOUNDATIONS: Foundations for the filler wall as well as RCC columns should be strong enough to withstand the loads including wind forces incident on the structure. All foundations would be taken to affirm soil below.
- g) TRUSS HEIGHT: Truss height 5.6 Mt from the level to bottom of the cross truss.
- h) PLASTERING: Inside and outside of the godowns-Plaster 12.5mm thick.
- i) FLOOR: 50 mm thick cement concrete, over the base.
- j) FINISHING: With whitewash in proper manner inside the godowns.
- k) VARNDHA: 3' wide and 10' long verandah including 9" cantilever.
- l) ROADS: Brick on edge paved roads having sufficient width for movement of trucks between two godowns. There should be proper slope towards the boundary wall for drainage.
- m) BOUNDARY WALL: The entire premises should be enclosed by a boundary wall of brick masonry 4' 6" height with wire fencing of 2' 3" with 4 strands on barred wire with angle iron pots at the rate of 8' centre to centre properly embedded in the wall with 1:2:4 plane cement concrete block of 9" x 9".
- n) BOUNDARY WALL GATE AND WICKET GATE: Main gate sufficient for movement of trucks and wicket gate for movement of personnel.
- o) OFFICE BLOCK AND CHOWKIDAR QUARTER: There should be a room each for Office & Chowkidar Quarter
- p) ELECTRICITY & LIGHTING: A working electricity connection in the name of the owner individual/ firm should be available. Suitable and adequate fluorescent light fitting should be installed at the inside and outside the godown complex.
- q) WATER SUPPLY: Submersible pump to lift the water to overhead PVC tank with sufficient storage capacity office block.
- r) DRAINAGE SYSTEM: Suitable drainage system for the rain water should be provided so as to avoid accumulation of rain water/ water.
- s) WEIGHBRIDGE: A weighbridge of at least 50 MT capacity should be installed inside the godown premises.
- t) CCTVs: CCTVs with monitoring system should be installed at the entry/ exit of the Godown and inside the chambers covering each stack.


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ANNEXURE B

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TECHNICAL SPECIFICATIONS FOR WEIGHBRIDGE

1. General

The structure and platform (pit less), capacity-60MT should be of robust design and adequate strength to sustain the repetitive static and dynamic loads and should not weigh less than as per drawing attached in the tender. Platform size will be as under:

<u>Cap. Of ELWB</u>	<u>Size of Platform</u>
60MT	12m x 3m
60 MT	14m x 3m

2. Codes and standards to comply with

IS-9281 (Part-I, II, III & IV, as amended on date) for Electronic weighing system including load cells.

3. Scope of supply:

- 3.1 Electronic load cell type, with pit less type lorry-weighbridge of capacity 60MT and platform of 12m x3m/ 14mx3m size respectively with other accessories.
- 3.2 Platform complete with main girders, support sections, horizontal constraining arrangements and grouting parts as required; generally conforming to IS: 2062 as amended on date.
- 3.3 Load cells:- with integral cables and mountings for load cells.
- 3.4 Electrical and electronic parts comprising of:
 - Digitizer
 - Junction box
 - Cable between junction box and weighbridge cabin.
 - Digital Weight Indicator
 - I.3 Computer new generation having Intel dual core 3rd generation processor 4 GB RAM, 500 GB Hard Drive, with alphanumeric Key board, 17" LED, Colour Monitor and Mouse Make:- HP/DELL/ACER
 - Dot Matrix 80 col. Ticket Printer compatible with PC of make TVS/Wipro
 - U.P.S. online 1 KVA Microtek/APC/Datavision
 - 3 Nos. batteries of make Exide/Amron with 6 hours backup.
 - Extra display 2"

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3.5 **Power supply:**

The equipment should be suitable for operation on 220V, single phase 50 cycle A.C. supply. The equipment shall be suitable for successful operation under different climatic conditions such as temperature ranging from -10 degree centigrade. to 60 degree centigrade and humidity upto 95%.

4. **Technical requirements:**

- 4.1 The weighbridge shall have overload capacity, at least 50% of rated capacity. The requirement shall be tested for dimensional parameters. Functional testing will be done at site.
- 4.2 Material specifications for major platform components shall be as per IS: 2062.
- 4.3 Minimum graduation for weighbridge shall be 5 Kg for upto 40MT capacity and 10 Kg for above 50MT capacity Lorry Weighbridge.
- 4.4 Load cells shall be hermetically sealed and have IP68 protection class. Test certificate in conformation of the above class by a reputed Test House to be provided along with tenders.
- 4.5 The main girders and other cross members shall be rigidly secured to the foundation restricting any movement of weighbridge. Proper constraining arrangement shall be provided for protecting weighbridge against fast moving trucks on it when it is not in use.
- 4.6 The weighbridge shall be Pit less type at ground level without slope with speed breakers at suitable length on either side of weighbridge
- 4.7 Weighbridge readings shall not differ by more than one resolution value, when the vehicle is placed on different locations on the weighbridge.
- 4.8 Digital Weight Indicator and Personal Computer with alphanumeric key board with 17" LED Colour Monitor and Mouse suitable to operate under temperature -5 degree centigrade to 50 degree centigrade. Battery backed memory should also be provided. Computer software CD should be provided.
- 4.9 The weighbridge calibration should stay for a minimum period of one year from the date of installation without the need for any readjustments.
- 4.10 The electronic lorry weighbridge should be integrable/ compatible with depot stock accounting system/ Depot Module. LAN card must be provided in the PC for depot module connectivity.

5. **Weighbridge Specifications:**

- Overload capacity : 50% of rated capacity
- Type of constraining : Appropriate constraining arrangements without hampering weighments accuracy
- Frequency of loading : 30 trucks per hour minimum

6. **Platform structures:**

Material of construction of components: Mild steel as per IS: 2062

Main beams, Cross beams and transverse beams: (ISMB from TATA/ SAIL /KL STEEL /MONET STEEL or reputed manufacturer conforming to IS:2062)

Deck Plate: Non skid Mild Steel plate 12 mm thick as per IS: 2062 (from SAIL/TATA/KL STEEL/MONET STEEL convenient lengths as per drawings.

Total Weight of Platform structures: 12mx3m not less than 7.5 MT
14m x 3m not less than 9MT

Material Test Certificate: To be provided by tenderer.

7. **Electronic weighing system and load cells:**

Should be of reputed indigenous/ imported make. Manufacturer's test Certificates in respect of all requirements specified in IS: 9281 (Part-III) as amended on date (Tables 1 & 2) to be furnished by the contractor for each electronic weighbridge.

8. **General Requirements:**

1. Hermetically sealed (IP-68 Protection class) maintenance and corner adjustment free, point contact, compression/shear beam type load-cell suitable to operate under (-)10 degree centigrade to 60 degree centigrade temperature and unto 95% moisture; capable to sustain specified overload, destruction load and side thrusts without further adjustment.
2. Housing of Stainless Steel or Tool Steel.

3. Capacity of each load cell will be as under:
- | <u>Cap. of ELWB</u> | <u>Cap. of Load Cell</u> |
|---------------------|--------------------------|
| 60 MT | 12m x 3 m 6nos 30mt each |
| 60 MT | 14m x 3 m 6nos 30mt each |
4. Insulation resistance - 1000 Mega ohms or more.
5. Proper Ingress and lightning protection as per Indian standards.
6. Load cell to be housed in lockable Sheet Metal Box.

9. **Junction box:**

- Protection class: IP 65
- Surge protection: Surge arrestors provided within.
- Material of Construction: Cast Aluminium/stainless steel.
- Connection type: Terminals on PCB mounted inside Junction box.
- Glands for entry: Double compression type.

10. **Interconnecting cable:**

The load cells to be provided with 4-wire system and shielded type cable approximately 10 meters in length to be laid in GI Pipe.

- | | |
|----------------------------|--|
| i) No. of cores | To be specified by the manufacturer/supplier |
| ii) Type of connection | |
| iii) Type of cable shield. | |

11. **Digital weight Indicator, Personal Computer and Printer**

11.1 **Digital Weight Indicator**

This should be state of the art high performance micro processor based system having high internal resolutions, clear and bright seven digit LED display auto zero tracking, tare/gross weight indications, Auto calibration facilities etc. It should be capable of interfacing with the computer for further processing of data as per requirement operating temperature is to be -5 degree centigrade to 50 degree centigrade, response time less than 0.5 seconds, electrical safety IEC-348.

11.2 Personal Computer

The P.C. is new generation HP/DELL/ACER or equivalent brand should be of I (three) new generation or above (2.0GHz or more speed) equipped with 104 keys "Alpha Numeric" Key Board. Operating temperature range is to be -5 degree centigrade to 50 degree centigrade with 17" LCD Colour Monitor, Mouse, 1GB RAM with Window Vista operating system. Data protection by Lithium battery for 16,000 Hrs. during power off.

Detailed technical specifications are indicated in Schedule-I of technical data of BID FORM.

11.3 The Printer (80 Col.) with speed compatible with the Micro Processor.

The equipment shall be provided with electronic recording unit designed to provide printed records of (a) Sl. No. (b) date (c) code (d) gross weight (e) tare weight (f) net weight and (g) commodity. It shall be freestanding, microprocessor based, dot matrix impact type printer interfaced with indicator system. Operating temperature range should be (-) 5 degree centigrade to 50 degree centigrade of reputed make such as Wep/TVSE/HCL or equivalent.

12. U.P.S.

Online UPS of reputed make e.g. Microtek /APC /Numeric/ Elnova/Data Vision of 1 KVA supported with 3 nos. batteries Exide/ AMRON for 6 hr. back up operation in case of power failure.

13. Extra display unit

An additional display unit at a suitable place outside the cabin of weighbridge for clear viewing of drivers in day light or in darkness of character size of 50 mm, 5 digit bright, LED type to be provided.

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Annexure - 1

A) Specification for PC, Internet Connection & allied accessories: A new computer (Desktop) with minimum specifications of 10th Generation, 8 MD RAM, 512 GB HDD alongwith internet connection with minimum speed of 1 mbps and allied accessor i.e. DVR/NVR with LAN card, printer, inverter etc.

B) Norms/Specifications for CCTV Camers

S. No.	Capacity In MT	Qty	Item	Description	Price per unit In Rs (incl. Tax) on GEM Portal 30.01.2015	Total (in Rs.)
1	10000 MT to 20000 MT	9 15	2mp IR Fixed Network Bullet Camera	Image Sensor, Image Sensor Type= CMOS (1280*720 pxl), Full HD (1920*1080 Px), Day Night capable= yes IR Illumination Range (mtr) = 30, Optics, Lense type=Fixed, Focal Length (MM)=2.8, Iris Control=yes, FPS = 25, 30 Video Compression = H.264, H.265, mjpeg, Media Streaming= Triple, Security, Encrypted Data Transmission= HTTPS (SSL/TLS)	3774.79	33973.11 56,621.8
2		01	16 Channel NVR	2 SATA, 160 Mbps incoming bandwidth:	9940.04	9940.04
3			CAT 6 Wire	UTP CAT 6, 305, meters, Core diameter, 0.55mm, Solid copper, gray	4508/- (Per roll of 305 mtrs.)	As per actual
4		01	16 Port POE Switch	L2, Unmanaged, 4 100M PoE port, 1 100M uplink port, 802.3af/at, PoE power budget 35W	15250	15250
5		2	6 TB Hard Drive	6TB, Intel, power, 3.5" HDD ST6000VXX001	13140	26280
6		01	LCD 18" Dell	With VGA & HDMI port	4450	4450
			Grand Total		For 10000 MT For 20000MT	89,893.15 1,12,542.1

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S. No.	Capacity In MT	Qty	Item	Description	Price per unit In Rs (Incl. Tax) on GEM Portal 30.01.2019	Total (In Rs.)
1	30000 MT	21	2mp IR Fixed Network Bullet Camera	Image Sensor, Image Sensor Type= CMOS Image sensor Size= 0.357 Inch, Resolution= D1(704*480 pxl), HD (1280*720 pxl), Full HD (1920*1080 P-xl), Day Night capable= yes IR Illumination Range (mt) = 30, Optics, Lense type= Fixed, Focal Lenth (MM)= 2.8, Iris Control= yes, FPS = 25, 30, Video Compression = H.264, H.265, mjpeg, Video Streaming= Triple, Security, Encrypted Data Transistor= HTTPS (SSL/TLS)	3774.79	79,270.59
2		01	32 channel NVR	2 SATA, 160 Mbps Incoming bandwidth	118999	118999
3			CAT 6 Wire	UTP CAT 6, 305, meters, Core diameter: 0.56mm, Solid copper, gray	4508 (Per roll of 305 mtrs.)	As per actual.
4		01	24 Port POE Switch	L2, Unmanaged, 4 100M PoE port, 1 100M uplink port, 802.3af/af+, POE power budget 36W	9450	9450
5		04	6 TB Hard Drive	6TB, Intelipower, 3.5" HDD ST6000VX001	13140	52560
6		01	LCD 18 Dell	With VGA & HDMI port	4450	4450
				Grand Total		2,64,730

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