



**THE HARYANA STATE COOPERATIVE SUPPLY AND
MARKETING FEDERATION LIMITED**

CORPORATE OFFICE, SECTOR 5, PANCHKULA HARYANA (INDIA)

TEL: 2590520-24, E.Mail: addlgmp@gmail.com

Web-site: www.hafed.gov.in



**TENDER FOR DESIGN, SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF
COLD STORE OF KIRANA & SPICES OF 500 MT CAPACITY AT HAFED COMPLEX
RADAUR, DISTT.- YAMUNANAGR, HARYANA**

HAFED intends to set up a (**KIRANA & SPICES**) 500 MT Capacity Cold Store at Hafed Turmeric Plant Complex, Radaur, Distt. Yamuna Nagar (Haryana). The tender document containing the details and other terms & conditions are available at Govt. of Haryana online e-tendering portal <https://etenders.hry.nic.in> and Hafed Website www.hafed.gov.in. For this purpose, HAFED invites e-tenders on the above mentioned e-tendering portal. The tender document fee is Rs. 1000/- (non-refundable) and e-service fee of Rs. 1000/- (non-refundable). The online tender document must be accompanied with the **EMD of Rs. 3,00,000/- (Three lakh only)**.

The Technical & Financial bids on the above e-tendering portal will be opened on **29.07.2021** at Hafed Corporate Office, Sector-5, Panchkula (Haryana) in the presence of the bidder(s), who wish to be present. The financial bids of only the technically qualified bidder(s) will be opened on the e-tendering portal. The negotiation will be held as per the guidelines mentioned in the tender document. HAFED reserves the right to accept/reject any/all the tenders or increase/ decrease the tendered quantity without assigning any reason whatsoever.

**Managing Director,
Hafed, Panchkula.**

Detailed Notice Inviting Short Term e-Tenders

1. **The payment for Tender Document Fee and Processing Fee shall be made by the bidders online directly through Debit Cards & Internet Banking Accounts and the payment for EMD can be made online directly through RTGS/NEFT or OTC Please refer to 'Online Payment Guideline' available at the Single e-Procurement portal of GoH (Govt. of Haryana) and also mentioned under the Tender Document.**
2. Intending bidders will be mandatorily required to online sign-up (create user account) on the website <https://etenders.hry.nic.in> to be eligible to participate in the e-Tender. **He/ She will be required to make online payment of required EMD in due course of time. The intended parties fails to pay EMD fee under the stipulated time frame shall not be allowed to submit his/her bids for the respective event/Tenders.**
3. The interested bidders must remit the funds at least T+1 working day (Transaction + One Day) in advance as given under Key Dates **and make payment via RTGS/NEFT or OTC to the beneficiary account number specified under the online generated challan. The intended bidder/agency thereafter will be able to successfully verify their payment online, and submit their bids on or before the expiry date & time of the respective events/Tenders at <https://etenders.hry.nic.in>**
4. The interested bidders shall have to pay mandatorily Processing Fee (under document fee – Non refundable) of Rs.1000/- (Rupee One Thousand Only) online by using the service of secure electronic gateway. The secure electronic payments gateway is an online interface between bidders & online payment authorization networks.

The Payment for document fee (Rs.1000/-) and Processing Fee (Rs.1000/-) can be made by eligible bidders online directly through Debit Cards & Internet Banking.

The interested bidders must remit the funds at least T+1 working day (Transaction + One Day) in advance before the expiry date & time of the respective events. And make payment via RTGS/NEFT to the beneficiary account number specified under the online generated challan.

The Bidders can submit their tender documents (Online) as per the dates mentioned in the key dates:

Key Dates

S.N.	Party Stage	Date & Time
1	(i) Downloading of Tender document / Online bid preparation. (ii) Online directly transfer of funds of Rs.2000/- through online directly through Debit Cards & Internet Banking Accounts (Tender document fee Rs.1000/-, Processing Fee Rs.1,000/-) and	09.07.2021 from 15:00 hrs to 27.07.2021 up to 16:00 hrs
2	Submission of online Bid	09.07.2021 from 15.01 hrs to 29.07.2021 up to 11:00 hrs
3	Submission of supporting/Additional documents	29.07.2021 at 12:00 hrs
4	Opening of Technical Bid	29.07.2021 at 12:00 hrs
5	Opening of Financial Bid	Will be informed.

Important Note:

- 1) The bidders have to complete 'Application/Bid Preparation & Submission' stage on scheduled time as mentioned above. If any bidder failed to complete his/her aforesaid stage in the stipulated online time schedule for this stage, his/her Application/bid status will be considered as 'Applications/bids not submitted'.
- 2) Bidder must confirm & check his/her Application/bid status after completion of his/her all activities for e-bidding.
- 3) Bidder can rework on his/her bids even after completion of 'Application/Bid Preparation & submission stage' (Application/Bidder Stage), subject to the condition that the rework must take place during the stipulated time frame of the Applicant/Bidder Stage.

INSTRUCTIONS TO BIDDER ON ELECTRONIC TENDERING SYSTEM

These conditions will over-rule the conditions stated in the tender documents, wherever relevant and applicable.

1. Registration of bidders on e-Procurement Portal:

All the bidders intending to participate in the tenders process online are required to get registered on the centralized e-Procurement Portal i.e. <https://etenders.hry.nic.in> Please visit the website for more details.

2. Obtaining a Digital Certificate:

- 2.1** The Bids submitted online should be encrypted and signed electronically with a Digital Certificate to establish the identity of the bidder bidding online. These Digital certificates are issued by an Approved Certifying Authority, by the Controller of Certifying Authorities, Government of India.
- 2.2** A Digital Certificate is issued upon receipt of mandatory identity (i.e. Applicant's PAN Card) and Address proofs and verification form duly attested by the Bank Manager / Post Master / Gazetted Officer. Only upon the receipt of the required documents, a digital certificate can be issued. For more details please visit the website – <https://etenders.hry.nic.in>
- 2.3** The bidders may obtain Class-II or III digital signature certificate from any Certifying Authority or Sub-certifying Authority authorized by the Controller of Certifying Authorities or may obtain information and application format and documents required for the issue of digital certificate from.
- 2.4** The bidder must ensure that he/she comply by the online available important guidelines at the portal <https://etenders.hry.nic.in> for Digital Signature Certificate (DSC) including the e-Token carrying DSCs.
- 2.5** Bid for a particular tender must be submitted online using the digital certificate (Encryption & Signing), which is used to encrypt and sign the data during the stage of bid preparation. In case, during the process of a particular tender, the user loses his digital certificate (due to virus attack, hardware problem, operating system or any other problem) he will not be able to submit the bid online. Hence, the users are advised **to keep a backup of the certificate** and also keep the copies at safe place under proper security (for its use in case of emergencies).
- 2.6** In case of online tendering, if the digital certificate issued to the authorized user of a firm is used for signing and submitting a bid, it will be considered equivalent to a no-objection certificate/power of attorney /lawful authorization to that User. The firm has to authorize a specific individual through an authorization certificate signed by all partners to use the digital certificate as per Indian Information Technology Act 2000. Unless the certificates are revoked, it will be assumed to represent adequate authority of the user to bid on behalf of the firm in the department tenders as per Information Technology Act 2000. The digital signature of this authorized user will be binding on the firm.
- 2.7** In case of any change in the authorization, it shall be the responsibility of management / partners of the firm to inform the certifying authority about the change and to obtain the digital signatures of the new person / user on behalf of the firm / company. The procedure for application of a digital certificate however will remain the same for the new user.
- 2.8** The same procedure holds true for the authorized users in a private/Public limited company. In this case, the authorization certificate will have to be signed by the directors of Hafed.

3. Pre-requisites for online bidding:

In order to operate on the electronic tender management system, a user's machine is required to be set up. A help file on system setup/Pre-requisite can be obtained from NIC or downloaded from the home page of the website – <https://etenders.hry.nic.in> the link for downloading required java applet & DC setup are also available on the Home page of the e-tendering Portal.

4. Online Viewing of Detailed Notice Inviting Tenders:

The bidders can view the detailed N.I.T and the time schedule (Key Dates) for all the tenders floated through the single portal e-Procurement system on the Home Page at <https://etenders.hry.nic.in>

5. Download of Tender Documents:

The tender documents can be downloaded free of cost from the e-Procurement portal <https://etenders.hry.nic.in>

6. Key Dates:

The bidders are strictly advised to follow dates and times as indicated in the online Notice Inviting Tenders. The date and time shall be binding on all bidders. All online activities are time tracked and the system enforces time locks that ensure that no activity or transaction can take place outside the start and end dates and the time of the stage as defined in the online Notice Inviting Tenders.

7. Online Payment of Tender Document Fee, Processing fee & EMD fees & Bid Preparation & Submission (Technical & Commercial/Price Bid):

- 7.1 Online Payment of Tender Document Fee + Processing fee:** The online payment for Tender document fee, Processing Fee & EMD can be done using the secure electronic payment gateway. The Payment for Tender Document Fee and Processing Fee shall be made by bidders/Vendors online directly through Debit Cards & Internet Banking Accounts and the Payment for EMD shall be made online directly through RTGS / NEFT & OTC.

The secure electronic payments gateway is an online interface between contractors and Debit card / online payment authorization networks.

7.2 PREPARATION & SUBMISSION OF online APPLICATIONS/BIDS:

- (i) Detailed Tender documents may be downloaded from e-Procurement website <https://etenders.hry.nic.in> and tender mandatorily be submitted online following the instruction appearing on the screen.
- (ii) Scan copy of Document to be submitted / uploaded for Technical bid under online Technical Envelope. The required documents (refer to DNIT) shall be prepared and scanned in different file formats (in PDF/JPEG/MS WORD format such that file size is not exceed more than 10 MB) and uploaded during the on-line submission of Technical Envelope.
- (iii) **FINANCIAL or Price Bid PROPOSAL shall be submitted mandatorily online under Commercial Envelope and original not to be submitted manually)**

8. ASSISTANCE TO THE BIDDERS

For queries on Tenders Haryana Portal, Kindly Contact

Note: Bidders are requested to kindly mention the URL of the portal and Tender ID in the subject while emailing any issue along with the contact detail. For any issue/clarification relating to the Tender (s) published kindly contact the respective tender Inviting Authority.

[Tel:-0120-4200462,0120-4001002](tel:0120-4200462,0120-4001002)

Mobile:88262-46593

Email:-support.etender@nic.in

For any technical related queries please call at 24x7 Help Desk number
0120-4001002,0120-4200462,0120-4001005,120-6277787

For support related to Haryana Tenders in addition to help desk you may also contact on email ID eproc.nichry@yahoo.com, [Tel:0172-2700275](tel:0172-2700275)

Timing:

Technical support assistance will be available over telephone Monday to Friday (9:00am to 5:30pm) (Helpdesk Support in team shall not be contracted for online bidding on behalf of the contractors)

Note: Contact e-Procurement helpdesk on or before prior to 4 hours of the scheduled closing date and time of respective e-tendering event. Also, for queries related to e-payment of EMD kindly contact the helpdesk at least two days prior to closing date and time of the respective event.

Intended bidders mandatorily required to register their queries if there is any pertaining to the online bidding and the single e-Procurement portal at email address:-
<https://etenders.hry.nic.in>

NOTE:-

- (A) ***Bidders participating in online tenders shall check the validity of his/her Digital Signature Certificate before participating in the online Tenders at the portal <https://etenders.hry.nic.in>***
- (B) ***For help manual please refer to the 'Home Page' of the e-Procurement website at <https://etenders.hry.nic.in>, and click on the available link 'How to...?' to download the file.***

(Online Payment Guidelines)

Guideline for Online Payments at e-Procurement Portal of Government of Haryana.

Post registration, bidder shall proceed for bidding by using both his digital certificates (one each for encryption and signing) & Password. Bidder shall proceed to select the event/Tenders he is interested in. On the respective Department's page in the e-Procurement portal, the Bidder would have

following options to make payment for tender document fee + Processing fee & EMD:

- A. Debit Card
- B. Net Banking
- C. RTGS/NEFT or Over the Counter (OTC)

Operative Procedures for Bidder Payments

A) Debit Card

The procedure for paying through Debit Card will be as follows:

- (i) Bidder selects Debit Card option in e-Procurement portal.
- (ii) The e-Procurement portal displays the amount and the card charges to be paid by bidder. The portal also displays the total amount to be paid by the bidder.
- (iii) Bidder clicks on “Continue” button.
- (iv) The e-Procurement portal takes the bidder to Debit Card payment gateway screen.
- (v) Bidder enters card credentials and confirms payment.
- (vi) The gateway verifies the credentials and confirms with “successful” or “failure” message, which is confirmed back to e-Procurement portal.
- (vii) The page is automatically routed back to e-Procurement portal.
- (viii) The status of the payment is displayed as “successful” in e-Procurement portal.
- (ix) In case of successful payment, a success message along with unique transaction ID is passed on to e-Procurement system. The e-tendering portal shall store the unique transaction number in its database along with the date and timestamp.
- (x) The e-Procurement portal allows Bidder to process another payment attempt in case payments are not successful for previous attempt.

B) Net Banking

The procedure for paying through Net Banking will be as follows:

- (i) Bidder selects Net Banking option in e-Procurement portal.
- (ii) The e-Procurement portal displays the amount to be paid by bidder.
- (iii) Bidder clicks on “Continue” button
- (iv) The e-Procurement portal takes the bidder to Net Banking payment gateway screen displaying list of Banks
- (v) Bidder chooses his / her Bank
- (vi) The Net Banking gateway redirects Bidder to the Net Banking page of the selected Bank

- (vii) Bidder enters his account credentials and confirms payment
- (viii) The Bank verifies the credentials and confirms with “successful” or “failure” message to the Net Banking gateway which is confirmed back to e-Procurement portal
- (ix) The page is automatically routed back to e-Procurement portal
- (x) The status of the payment is displayed as “successful” in e-Procurement portal.
- (xi) In case of successful payment, a success message along with unique transaction ID is passed on to e-Procurement system. The e-Procurement portal shall store the unique transaction number in its database along with the date and timestamp.
- (xii) The e-Procurement portal allows Bidder to process another payment attempt in case payments are not successful for previous attempt.

C) RTGS/ NEFT

This solution shall also allow the bidder to make the EMD payment via RTGS/NEFT this shall add to the convenience of those bidders who are not conversant to use net banking option to make the transaction.

Using this module, bidder would be able to pay from their existing bank account through RTGS/NEFT. This would offer a wide reach for more than 1,10,000 bank branches and would enable the bidder to make the payment from almost any bank branch across India.

1. To choose the payment of EMD, the bidder clicks on RTGS/NEFT payment option.
2. Upon doing so, the e-Procurement portal will redirect the bidder to a page where it will generate a Challan.
3. This Challan shall include the beneficiary (virtual) account number and other details like beneficiary IFSC code each.

RTGS / NEFT Payment Procedure

The bidder shall be required to take a print of the challan and make the RTGS / NEFT on the basis of the virtual account number period on the challan. This provision will ensure that number confidential details regarding the bidder or tender are disclosed to the bank while remitting the RTGS/NEFT.

The bidder would remit the fund at least one day in advance to the last day and make the payment via RTGS/NEFT to the beneficiary account number as mention in the challan. SBI Bank shall receive this amount and credit the payment gateway service provider intermediary Department/PSUs Escrow Security Deposit account post

validating the first part of the beneficiary account number, i.e., the client code only, In case of validation of client code is not successful, the bank shall return the fund and not credit the Tech process intermediary Department/PSUs Escrow Security Deposit A/c.

D) Over the Counter (OTC)

This solution shall allow the bidder having account with SBI bank, to make the payment from any CMS enables Branch of SBI Bank in India. Bidders can make the payment via cash (if amount is \leq ₹49,999), Demand Draft or SBI Bank Cheque.

The procedure for paying through OTC mode is as follows:

- (i) Bidder selects over the counter remittance option in e-Procurement portal.
- (ii) The e-Procurement portal displays the amount to be paid. The bidder chooses the bank account number for refund of the amount.
- (iii) Bidder clicks on “Continue” Button.
- (iv) The e-Procurement portal displays the details of payment. The Bidders click on Print_Challan” and print the OTC Challan.
- (v) Bidder submits the OTC Challan at the counter of any designated bank of SBI Bank with Cash/Demand Draft/SBI Bank Cheque (Payment in Cash is allowed upto Rs. 49,999/-).
- (vi) SBI bank verifies the URL (format to be discussed and decided) and amount with e-Procurement portal prior to accepting the payment.
- (vii) On successful verification from e-Procurement portal, SBI bank accepts the payment. In case of failure, SBI bank shall return back the OTC challan and payment to the bidder.
- (viii) SBI bank commits the payment transaction (in case of successful verification from e-Procurement portal) and sends the Bank Transaction number (I-Sure Reference Number) online against the URN and Amount.
- (ix) SBI bank will generate receipt for the payment transaction and issues the same to the bidder.
- (x) The e-Procurement system update the bank transaction number against the URN and Amount based on the details sent by SBI bank online prior to generation of the receipt.
- (xi) The status of the payment will be displayed as “verification successful” in e-Procurement Portal, when the bidder clicks on the verification option in the portal.
- (xii) Bidder would be required to upload the scan copy of receipt as received from SBI Bank as part of proof in next tender portal before submitting the tender.

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**COLD STORE (500 MT CAPACITY) AT HAFED COMPLEX RADAUR, DISTT.
YAMUNANAGR, HARYANA**

Contents

(Online Payment Guidelines).....	6
Guideline for Online Payments at e-Procurement Portal of Government of Haryana.....	6
PART I: INSTRUCTIONS TO TENDERERS	12
1. General.....	12
2. Eligibility Criteria:.....	12
1. Essential Requirement of the Bidder/Tenderer :.....	13
2. Obligations of the Successful Bidder/ Contractor:.....	13
3. Submission of tender:.....	13
4. General conditions of contract:-.....	15
5. Validity of offer:.....	15
6. Award of Contract:.....	16
7. Visiting Website of Hafed:.....	16
8. Contact person:.....	16
ARTICLE – 1: DEFINITIONS AND INTERPRETATION: -	17
ARTICLE 2: SCOPE OF WORK:-	18
ARTICLE-3 TECHNICAL SPECIFICATIONS: -	19
ARTICLE -4: METHOD OF EVALUATION.....	19
ARTICLE -5: ACCEPTANCE OF TENDER AND AWARDING OF CONTRACT	20
ARTICLE 6: TIME SCHEDULE FOR COMPLETION OF CONTRACT.....	20
ARTICLE 7: PENALTY FOR LATE DELIVERY:.....	21
ARTICLE-8 EARNEST MONEY DEPOSIT & PERFORMANCE SECURITY:.....	21
ARTICLE 9: PAYMENT TERMS AND CONDITIONS:-.....	22
ARTICLE 10 : DIFFERNCES OR DISPUTES.....	22
ARTICLE 11: JURISDICTION	24
ARTICLE 12: FORCE MAJEURE.....	24
ARTICLE 13: RECESSION AND CANCELL ATION OF CONTR ACT	24
ARTICLE 14: NONE SUBLETTING OF CONTRACT	24
ARTICLE 15: DAMAGES UNDER THE CONTRACT:.....	25
ARTICLE -16 : POWER OF ATTORNEY.....	25
ARTICLE -17 : CHANGE IN CONSTITUTION	25

ARTICLE – 18 : NOTICES	25
ARTICLE - 19: CANVASSING IS PROHIBITED	26
ARTICLE-20: MAINTENANCE OF DISCIPLINE BY THE CONTRACTOR.....	26
ARTICLE 21 - GOVERNING LAWS AND RIGHT OF INDEMNITY OF HAFED.....	26
ARTICLE 22: TAX/ DUTIES ETC.	27
ARTICLE 23: CONTRACT DOCUMENT	27
ARTICLE 24: COMPLETENESS OF TENDER.....	27
ARTICLE 25: SAFETY OF PERSONNEL	27

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PART I: INSTRUCTIONS TO TENDERERS

1. General

Tenders are invited from capable agencies/firms having experience for design, manufacture, supply, installation, testing & commissioning of **KIRANA & SPICES COLD STORE of 500 MT CAPACITY AT HAFED COMPLEX RADUAR, DISTT. YAMUNANAGR, HARYANA.**

1.1 List of Requirements

1	File ID	
2	Dept name & Unit	
3	Name of plant and machinery /Equipment's/ Stores	KIRANA & SPICES COLD STORE OF 500 MT CAPACITY
4	Free Comprehensive Warranty / Inbuilt Warranty (Period In Yrs)	01 Years from Date of completion of successful demonstration of smooth operation of equipment for seven days continuously from the date of Commissioning
5	Paid O & M Contract (Period In Months)	12 Months after Commissioning and successful demonstration of smooth operation of equipment for seven days continuously
6	Bid Security(EMD)	Rs. 3 Lakh/- through RTGS/NEFT in favour of "The Haryana State Cooperative Supply & Marketing Federation Limited (HAFED).
7	Performance Security	5% amount of the contract value

2. Eligibility Criteria:

2.1 Technical Eligibility Criteria: The Bidder/Tenderer should have experience in DESIGN, SUPPLY, INSTALLATION, TESTING and COMMISSIONING OF MINIMUM 10 COLD STORES OF **KIRANA & SPICES** OF THE 500 MT CAPACITY EACH OR MORE. The documentary evidence proof of the experience to be submitted along-with technical bid for successful.

The documentary evidence of to be submitted along-with technical bid.

- 2.1.1 It is desired that installation and commissioning work should be carried by the qualified operators and workers, having sufficient working experience in the line.

2.2 Financial Eligibility Criteria: Bidder should have average turnover of Rs. 15 crore Per Annum during last three financial years. Documents regarding the same like requisite Balance Sheet and CA Certificate should be submitted along-with Technical Bid.

1. Essential Requirement of the Bidder/Tenderer :

The bidder /Company / Firm / Agency should have its own Bank Account;

2. Obligations of the Successful Bidder/ Contractor:

- ❖ The agency should employ expert/ skilled men/women aged above 18, who have good health and clean conduct record.
- ❖ The agency should provide necessary tools and equipment's that are necessary for the performance of Contract.
- ❖ The agency should work with complete safety conduct and protocol on site.

3. Submission of tender:

3.1 COLD STORE - 500 MT CAPACITY

- i) Technical bid of the Bidder duly signed by the bidder or his authorized representative in the Performa and format as given in **Annex-2**.
- ii) Original/downloaded tender document duly filled in, signed and stamped by the bidder or authorized representative of the bidder.
- iii) Latest /Valid Authorization from the Principal Company/Manufacturer to the bidder for its brands/products, if applicable.
- iv) Declaration as per **Annex-3** along with attested Copy of Balance Sheet for the last three years, PAN No., GST Registration Certificate of the bidder;
- v) Undertaking to accept Terms and Conditions of the Tender document and to comply with them as per **Annex- 4** on Non-Judicial stamp paper of Rs. 100 /- duly notarized and signed by the bidder or authorized representative of the bidder.
- vi) List of major existing clients in India & documents as proof of successful execution of similar works as per Eligibility Criteria mentioned at Clause 2 of Part-I, along-with certified copies of the valid Rate Contract/purchase orders/indents executed/ Contract for providing of identical/similar stores to

other organization / Institutions in India in the recent past. However, in case of non-availability of such certificate the decision of the purchaser shall be final in this regard.

- vii) Tenderer should submit technical specification, drawing if any, of the items for which tender is invited, along with technical bid.
- viii) If technical specifications mentioned in the tenders are accepted then they should confirm specifications so prescribed and are to be confirmed as per Schedule-I and enclose with Technical bid.
- ix) If there is any variation from the specifications mentioned in the tender documents and quoted item then list of variations should be enclosed, along with justification of variation & benefit to Hafed.
- x) Copy of Financial Statements and CA certificate indicating a minimum average FINANCIAL turnover of Rs. 15 crore during the last three years.
- xi) The bidder should be registered with appropriate authorities under Income Tax Dept., GST department as applicable.
- xii) The bidder should be furnished a list of technical / competent staff with their qualification & experience, which will be deployed at site for installation and commissioning of said tender.
- xiii) Compliance statement in the prescribed format as per Annex-5 Deviations, if any, in the specifications of the offered equipment's / stores must be brought out clearly with appropriate justification in form of a deviation statement in the same Annexure.
- xiv) The Bidder should furnish two copies of service manuals for the quoted equipment.
- xv) On site or off-site demonstration may be required by Hafed for evaluation the performance of equipment. Bidder / agency will be arranged the demonstration for technical evaluation at their own cost.

3.2 FINANCIAL BID

- The Price Bids must be submitted in the prescribed format as **Annex- 6** .
- Rates will be fixed till duration of contract and no escalation of prices shall be provided on any account whatsoever.

- The rate must be written both in words and figures. There should be no erasures and or over writings. Corrections, if any, should be made clearly and initialled with date. In case if there is variation observed in the rates in between words & figures, the lowest rate shall be considered.
- It may please be noted that Hafed may award the contract to the Tenderer whose rates are found lowest without negotiations or after negotiations, if required. Therefore, tenderers are advised to be careful to quote the lowest/genuine rates only.
- Rates to be quoted should be inclusive of all plant and machinery, auxiliary equipment, related civil costs, electrical costs, transports up to site all taxes and duties, and erection and commissioning costs. For the part “A” and “B” separate technical and financial bids are to be submitted.
- In case, any machine/equipment/spare cost is not quoted in Price bid but the same is required for successful completion of the project, in that case such equipments will be suffered free of cost by the successful bidder.

4. General conditions of contract:-

- Tender received after due date and time as mentioned in the tender document will not be entertained.
- The firms black listed by any of the Govt. Department shall not be eligible for submission of bid.
- Tender not submitted in the appropriate prescribed form and not completed in all respects shall be rejected.
- Tenders without requisite EMD and Cost of Tender Form shall be rejected outrightly.
- Bidder shall not be entitled to claim any costs charged or incidental or in connection with the preparation and submission of their tenders even though HAFED may choose to withdraw the notification of tender or reject all the Tenders without assigning any reason thereof.

5. Validity of offer:

The rates should be valid for a period of **45** days, from the date of opening of tender. If required the tenderer shall extend the validity date. No revision / modifications in the tender and rate or the withdrawal of the tender will be allowed during the period of validity of tender or during extended period if any, withdrawal of offer within the stipulated validity period will entitled Hafed to forfeit the EMD of the tenderer.

6. Award of Contract:

- 6.1 Bidders who has failed to full fill earlier contractual obligations, shall not be considered.
- 6.2 The order or acceptance resulting from this tender and any amendments to be issued subsequently with its terms & conditions and stipulations in response to this tender or revised offer or any counter offer will constitute the entire Agreement relating to the tender between the successful Bidder and the HAFED and both parties are bound by the terms and conditions as stipulated in the tender documents.
- 6.3 HAFED reserves the right to cancel any or all tenders without assigning any reason whatsoever.**

7. Visiting Website of Hafed:

Bidders are requested to visit Hafed's website, regularly, for keeping updated them regarding issuance of any corrigendum, which shall be published on Hafed's website i.e. <https://etenders.hry.nic.in> only.

8. Contact person:

General Manager (Processing),
The Haryana State Cooperative Supply & Marketing Federation Limited (HAFED)
Hafed Corporate Office, Sector-5
Panchkula-134113 (Haryana)
Contact: 0172-2590531
E-mail: addlgmp@gmail.com

**THE HARYANA STATE COOPERATIVE SUPPLY
AND MARKETING FEDERATION LIMITED**
Corporate office, sector 5, Panchkula Haryana (India)
Tel: 2590520-24, E. Mail: adlqmp@gmail.com
Web-site: www.hafed.gov.in

**PART II : DETAILED TENDER NOTICE AND THE TERMS AND CONDITIONS
OF THE CONTRACT WHICH WILL BE BINDING ON THE PARTIES ON
ACCEPTANCE OF THIS TENDER/OFFER OR COUNTER OFFER OR REVISED
OFFER ARISING FROM OR INCONSEQUENCE OF THIS TENDER.**

In addition to Part-I (Instruction to Tenderers) the following terms and conditions will apply to the contract. The terms and conditions given below even if contrary, to any instructions given in Part-I, shall prevail thereon.

ARTICLE – 1: DEFINITIONS AND INTERPRETATION: -

Wherever used in this contract and / or in any of the Annexure hereto, unless the context shall otherwise require, the following terms shall have the following meanings. -

- 1.1 “TENDERER/ BIDDER”: shall mean in the State of _____, shall include its lawful successors and assignees and is responsible to do the work as mentioned in the Article 2 - Scope of work .
- 1.2 “CONTRACT”: shall mean the Terms and Conditions as per the Tender Documents Part-I & Part-II and SUBSEQUENT AMENDMENTS THERETO, if any, agreed in writing by the parties hereto on the basis of which the Tenderer shall carry out the work arising out of this tender.
- 1.4 “CONTRACTOR” shall mean Individual/Firm/Company to whom contract has been awarded by company.
- 1.5 Words denoting masculine gender or singular number shall also include the feminine gender and plural number and Vice - Versa where the contract so requires or permits.
- 1.6 “**CONTRACT VALUE**”: shall mean total cost for equipment supplied (Cold storage) and installation and commissioning at Hafed Radaur, (Yamuna Nagar) consequent of finalization as a result of this tender notice.

ARTICLE 2: SCOPE OF WORK:-

2.1 Design, Supply, Erection, Testing and Commissioning of KIRANA & SPICES of COLD STORE OF 500 MT CAPACITY at Hafed Complex Radaur, Dist. Yamuna Nagar, Haryana

2.2 If require, The Contractor shall arrange to have required clearance from the related department for installation and commissioning of equipment's

2.3 The detailed specification and drags given in technical session of this tender, should be clearly studied by the bidder for the complete scope of work which also involves existing civil structure dismantling/ rectification/ modification and construct new civil structure required according to the plant.

The details of the civil work, plant and machinery specifications and layout is given in Annex- A

2.4 During the Warranty period, the Contractor shall be responsible for replacement of any defects spares, repair, rectify etc. for the supplied equipment by the Contractor without any extra cost to Hafed within a reasonable time .

2.4.1 Uptime Guarantee: During the Warranty & O & M contract period up to 12 Months , the successful Bidder/Supplier shall maintain the efficiency upto 95% of the machines/equipments.

2.5 Furthermore, without prejudice to the generality of the foregoing, it is clarified that the Contractor shall also be responsible for the repair, replacement or making good of any defect, or of any damage to the Facilities arising out of or resulting from any of the following causes:

- ❖ Improper operation or maintenance of the Facilities by the Contractor during operation and maintenance of the Facility; and
- ❖ Operation of the Facilities outside specifications of the Facilities.

2.6 The Contractor shall, unless specifically excluded in the Contract, perform all such work and/or supply all such items and materials not specifically mentioned in the Contract but that can be reasonably inferred from the Contract as being required for attaining Completion of the Contract as if such work and/or items and materials were expressly mentioned in the Contract.

- 2.7 Tools &Tackles: The Contractor shall provide technically suitable tools and tackles for installation & erection of Equipment conforming to relevant BIS safety and technical standards for proper execution of work. Hafed, in no way, shall be responsible for supply of any tools and tackles for implementation of the work and also to carry out operation & maintenance activities.
- 2.8 The Contractor must warrant that the facilities shall be free from defects in the design, engineering, materials and workmanship of supplied equipment and of the work executed.
- 2.9 Contract shall indicate in its Technical Bid, the Fuel to be used for operation of supplied equipment and its indicative price per month including source of purchase of fuel for information only.
- 2.10 If due to negligence of the contractor's operator/workers results in failure of equipment such equipment should be repaired replaced by contractor at free of cost.
- 2.11 The contractor shall at his own expense provide all amenities to his workmen as per applicable laws and rules.
- 2.12 The Contractor shall ensure that all safety measures are taken at the site to avoid accidents to his or his sub-contractor or SSL's Workmen.
- 2.13 The Contractor shall be responsible for any loss, damages to equipment, and machineries up to delivery at Site.
- 2.14 The Contractor shall supply all necessary erection and commissioning manuals, O&M manuals etc. as and when required.

ARTICLE-3 TECHNICAL SPECIFICATIONS: -

As per Annex- A. Bidders are required to submit the Compliance Statement as per Annex. 5 regarding the acceptance of technical specifications with technical bid.

ARTICLE -4: METHOD OF EVALUATION

Price Bid Evaluation: - The bid shall be evaluated based on following criteria and points:

- 4.1 The bidder who has technically qualified shall qualify for Price Bid opening and

further process

- 4.2 The price bid is to be quoted strictly as per the format given in **ANNE-6**. There should be no cutting or overwriting.
- 4.3 If price bid is not quoted as per the format in **ANNE-6**, the bid is liable to reject or the purchaser may make its own judgment regarding the price bid quoted by the bidder.
- 4.4 Tender shall be awarded to the Lowest quoting bid amount alongwith O & M Contract cost technically responsive bidder; however, decision of HAFED shall be final in this regard.

ARTICLE -5: ACCEPTANCE OF TENDER AND AWARDING OF CONTRACT

On acceptance of this tender/offer or revised offer or counter offer either by the tenderer or by the HAFED as the case may be the terms and conditions contained in this part will also constitute a contract between the parties i.e. HAFED , a Society incorporated under the Cooperative Societies Act,1984 having its **Corporate office, sector 5, Panchkula Haryana (India)** hereinafter “HAFED” which expression shall unless repugnant to the context or of the meaning thereof be deemed to include its Lawful successors, administrators and assignees of the one part.

AND,

M/s_____ in the state of _____ hereinafter called the “CONTRACTOR” which expression shall unless repugnant to the context or the meaning thereof be deemed to include the Tenderer’s Lawful successors, administrators and assignees of the other part.

The work will be required to be done in accordance with the scope and schedule of work as per tender document.

ARTICLE 6: TIME SCHEDULE FOR COMPLETION OF CONTRACT

Description of Items	Time period of completion
A. COLD STORE OF 500 MT CAPACITY Civil Work	225 Days from the date of issue of Purchase Order.
B. Civil Work	225 Days from the date of issue of Purchase Order

ARTICLE 7: PENALTY FOR LATE DELIVERY:

- 7.1 The Successful Bidder / Contractor shall be responsible to execute the contract as per schedule mentioned in the tender documents / work order issued, failing which penalty @ Rs.1% per week shall be charged for the delayed commissioning and subject to maximum 5% of the total order Value. ,after which Company shall at the risk and cost of supplier and without prejudice to exercising SSL's other right as per terms of order, terminate the order wholly or partly as the case may be and get it completed by them or reassign to other supplier(s) to complete & forfeit the performance security /ies
- 7.2 During the Warranty period, the Contractor shall be maintained uptime guarantee of 95 % as per the clause no. 2.5.1 “ The successful Bidder/Supplier shall maintain the equipment with 95% uptime. Bidder shall give a written commitment for 95% uptime of the equipment, calculated on annual basis, with penalty for any reason whatsoever directly attributable to contractor only , equivalent to Rs. 1% per week delay in proper functioning of the unit beyond 5% down time per annum.”

ARTICLE-8 EARNEST MONEY DEPOSIT & PERFORMANCE SECURITY:

- 8.1 In case the party fails to take up the work within a specified period after acceptance of their tender, revised offer or counter offer in consequences of this tender notice then the earnest money so deposited will stand forfeited to Hafed .
- 8.2 Interest will not be allowed on EMD and performance security. In the event of breach of contract on the part of the Tenderer/ Successful Bidder Hafed will be entitled to forfeit wholly or partially the above amount of Performance Security / EMD. No interest will be allowed on the Performance Security /EMD paid in cash/demand draft. Hafed further reserves the right to adjust the Performance Security Deposit towards any amount due to Hafed from the Contractor and in such event, the Contractor on receipt of notice from Hafed, shall make further deposit to restore the Security Deposit to the full amount.
- 8.3 Refund of performance Security : On satisfactory Commissioning of Equipment and receipt of Performance security 5% of Order value / Acceptance of Successful Bidder for release of Payment of 5% of Contract value after 12 months as per Clause 9.1.3 of Part II along with “No Demand/ No Dues” certificate from the General Manager, the performance security will be refunded to the Successful Bidder provided that no claim whatsoever against the Successful Bidder is made and nothing is due from him and has completed the work to the

entire satisfaction of Hafed.

- 8.4 With-holding or forfeiture of Performance Security Deposit: Without prejudice to the rights of Hafed to claim damages arising on account of breach of contract under the Contract Act 1972 the Performance Security Deposit shall be liable to be withheld/forfeited wholly or partially at the sole discretion of Hafed when the Tenderer either fail to fulfil his contractual obligations or to settle in full his dues to Hafed.
- 8.5 Recovery from Performance Security Deposit / EMD : Hafed is empowered to deduct from the Performance Security Deposit / EMD or from any other outstanding amount, any sum that may be fixed by Hafed as being the amount of loss or losses or damages suffered by it due to delay in performance or non- performance of any of the conditions of the contract.

ARTICLE 9: PAYMENT TERMS AND CONDITIONS:-

The payment terms for Cost of Equipment supplied, shall be as under:-

- 9.1 **25 %** of contract value after completion of civil construction work
- 9.2 **45%** total contract value after successful completion of complete scope of work i.e. design, supply, installation, commissioning of equipment at site and demonstration of smooth operation for seven days continuously from the date of stabilized operation of equipment on the offered & accepted efficiency.
- 9.3 **20 %** of after successful demonstration of smooth operation of the Cold store/ equipments for 30 days continuously from the date of stabilized operation of equipment.
- 9.4 **Balance 10%** shall be paid after 90 days from the date of payment at (ii) as above, on successful running of the equipment
OR

The Performance Security @ 5% (including EMD) of Contract value shall be released after 12 months from date of successful commissioning of equipment.

ARTICLE 10 : DIFFERNCES OR DISPUTES

10.1 Mutual Settlement of Disputes

Except where otherwise provided for in the contract, all disputes shall in the first place be resolved through mutual discussions, negotiation deliberations and consultations associating senior executives /nominees of both the parties to dispute.

10.2 Conciliation

If the efforts to resolve all or any of the disputes through mutual settlement fail, such disputes shall be referred to the Managing Director, Hafed, whose decision shall be final and binding on the parties. The settlement agreement shall have status and effect of an arbitration award.

10.3 Arbitration

10.3.1 If the efforts to resolve all or any of the disputes thorough conciliation fail, such disputes shall be referred to the sole Arbitrator to be appointed by the Managing Director, HAFED. There shall be no objection by the “CONTRACTOR” if the sole Arbitrator so appointed is an employee of Hafed. In case the Arbitrator so appointed is unable to act for any reason, Managing Director, HAFED, in the event of such inability, shall appoint another person to act as an Arbitrator in accordance with the terms of the contract. Such persons shall be entitled to proceed with reference from the stages at which it was left incomplete by his predecessor.

10.3.2 Subject to the afore stated conditions, the provisions of the Arbitration and Conciliation Act, 1996 or any statutory modification or re-enactment thereof and the rules made there under and for the time being in force shall apply to the conciliation and arbitration proceedings under this clause.

10.4 Pending resolution of disputes and differences, the work shall continue without hindrance as per schedule and shall not be either slowed down or stopped. If the work is slowed down or stopped during the period of dispute, the “CONTRACTOR” shall be responsible for the loss of work /production or delays and any loss sustained by Hafed due to such actions by the “CONTRACTOR”, shall be made good by the “CONTRACTOR”.

10.5 The Arbitrator may from time to time, with the consent of all parties, extend the time in making the award.

10.6 The cost incidental to the arbitration shall be at the discretion of the Arbitrator. The arbitration shall be conducted at Panchkula (Haryana) or at such other place or places as the Arbitrator may so decide.

10.7 The provisions of “Micro, Small & Medium Enterprise Development Act, 2006 and the Micro and Small Enterprises (MSEs) Order, 2012 (as

amended from time to time), shall be applicable to the parties.

ARTICLE 11: JURISDICTION

Subject to Article 10 above, it is hereby agreed that all actions at law or suits arising out of or in connection with this contract or the subject matter thereof whether as to construction or otherwise shall be instituted in court of competent jurisdiction at Panchkula in the State of Haryana, India.

ARTICLE 12: FORCE MAJEURE

In case, either of parties fail, to full fill, in time, then, respective contractual obligation owing to future event beyond their control like Acts of God (including fire, flood, earthquake, storm, hurricane or other natural disaster), war, invasion, act of foreign enemies, hostilities, civil war, rebellion, from time to time for performance of such obligation/responsibility shall automatically extended for the period of force majeure. Provided force majeure is established & one party shall inform to the other party for such occurrence but no one party shall blame other party and claim by the Bidder due to force majeure condition, & both parties mutually agree to further course of action.

ARTICLE 13: RECESSION AND CANCELL ATION OF CONTR ACT

13.1 If any technical or legal complication arises through statutory agencies or any other reason, during the period of contract, then contract shall be terminated by Hafed at its discretion by giving 7 days notice to the Contractor and Contractor shall not claim any damages for such cancellation of contract.

13.2 Risk & Cost Clause:

Without prejudice to the rights of Hafed and notwithstanding the obligations of the Contractor under the contract arising from the acceptance of this tender or the revise offer or counter offer in response to this tender or in consequences of this tender in the event of any failure on the part of the Contractor, Hafed will be free to get the same executed in any manner at the risk and cost of the Contractor and the additional burden on this account, if any, will be borne by the Contractor, and can be realized from the Bidder's pending bills/ Security money deposit or any other dues. This is without prejudice to Hafed's claim for other losses and damages that may arise due to the failure of the Contractor to keep up to the terms of the contract.

ARTICLE 14: NONE SUBLETTING OF CONTRACT

The Contractor is barred from any sub-letting of contract of any nature.

ARTICLE 15: DAMAGES UNDER THE CONTRACT:

Loss or Damage to Company's Property:

The Contractor shall carry out the work without damage and/or interference to any other work, machines or equipment and property of Hafed or other contractors of company in area, adjacent to the area of Contractor's work.

In case during the execution of contract by the bidder any loss or damage occurs to any property of HAFED, then contract shall be terminated by Hafed and the amount deposited by the party shall be forfeited. For damaging Hafed property Civil and Criminal proceedings will be initiated against the Bidder at the discretion of company and loss incurred by Hafed due to such damages will be recovered from the bidder.

ARTICLE -16 : POWER OF ATTORNEY

A person signing the agreement or any documents forming part of the contract on behalf of the bidder shall be responsible to produce a proper power of attorney duly executed and attested by a Notary public under the Notaries Act in his favour stating that he had authority to bind the Bidder in all matters pertaining to the contract including the arbitration clause.

ARTICLE -17 : CHANGE IN CONSTITUTION

On the death or retirement of any partner of the successful bidder/Contractor before complete performance of the contract, HAFED may at his option cancel the contract and in such case the Contractor shall have no claim whatsoever to be compensated by HAFED without prejudice to any of rights or remedies under this contract. If Contractor is proprietorship concern and the proprietor dies during the performance of this contract, HAFED shall have the option to terminate the contract without compensation and Hafed will be entitled to recover its claim from his/her legal heirs and from the property moveable or immovable of the Contractor.

ARTICLE – 18 : NOTICES

Any notice hereunder may be served on the Bidder/Contractor by registered mail at his last known address. Proof of issue of any such notice will be conclusive of the Bidder/Contractor having been duly informed.

ARTICLE - 19: CANVASSING IS PROHIBITED

Canvassing in connection with the tender is strictly prohibited and tender is liable to be rejected.

Any bribe or commission, gift or favors given, promised or offered by or on behalf of the Bidders/Contractor, their partners, agents or servants to any officers, servant or representative of HAFED for obtaining or for the execution of this or any other contract or for receiving payments under the contract shall in addition to the criminal liability may ensure cancellation of this tender or any other Contracts and also to payment of any loss resulting from any such cancellation. HAFED shall be entitled to deduct the amount so payable from any money otherwise due to the Contractor under this or any other Contracts. Any question or disputes as to whether the Contractors have incurred any liability under this clause shall be settled by HAFED in such manner and on such evidence or information as it may think fit and sufficient and its decision shall be final and binding.

ARTICLE-20: MAINTENANCE OF DISCIPLINE BY THE CONTRACTOR

The Contractor shall be liable to comply with covenants of contract and tender documents. Hafed has expected the Contractor and his representatives and the labour to conduct themselves in a disciplined manner. All rules and instructions pertaining to wellbeing of the factory and its precincts, the sanitation and health etc. should be adhered to and in the event of any theft, arson or any antisocial activities on the part of the Contractor, his employees or his labour, Hafed shall have the right to terminate the' agreement.

ARTICLE 21 - GOVERNING LAWS AND RIGHT OF INDEMNITY OF HAFED.

21.1 The Contractor shall comply with all laws in force at the place, where the supplied Equipment are installed and where the Installation Services are carried out. The laws will include all national, provincial, municipal or other laws that affect the Performance of the Contract and binding upon the Contractor. The Contractor shall indemnify and hold harmless Hafed from and against any and all liabilities, damages, claims, fines, penalties and expenses of whatever nature arising or resulting from the violation of such laws by the Contractor or its personnel, including the Subcontractors and their personnel.

21.2 The Contractor shall indemnify Hafed for all the injuries caused to any person or to public property due to his negligence or to the negligence of his workmen during the performance of contract.

21.2.1 Contractor shall abide by all existing / future labour enactments and rules, regulations, notifications and bye laws of State or Central Government or local authority.

21.2.2 The Contractor shall comply with all the provisions of the Statutory Acts and rules framed hereunder particularly in respect of the Factory Act, 1948, the Payment of Wages Act, 1936, the Industrial Disputes Act, 1947, the Industrial Employment Standing Orders Act, 1946, the Minimum Wages Act, 1948, the Collection of Statistics Act, 1953, the Workmen's Compensation Act, 1923, Fatal Accidents Act, 1935, Personal Injuries (Compensation Insurance) Act, 1963, the Trade Union Act, 1926, Maternity Benefit Act, 1961, Employees Provident Fund Act, 1952, Contract Labour (Regulation and Abolition) Act, 1970, Indian Contract Act, 1872 and the rules framed by the state in respect of various Labour Acts as demanded from time to time and shall also comply with the provision of any other enactment, statutes, rules, regulations made by a competent authority and enforced in the state during the currency of the contract. The Contractor shall indemnify Hafed for the penalties on account of breach of any of the conditions, there under.

21.2.3 Hafed shall remain indemnified by the Bidder against any claim arising under the payment of Wages Act, or the payment of Bonus, C.P. Fund or Gratuity of Compensation Act arising during the pendency of the contract. All such claims will be met with by the Contractor themselves from the payment made to them.

ARTICLE 22: TAX/ DUTIES ETC.

All Taxes and duties for Supply, Packing & forwarding, Transportation, Installation, testing & commissioning shall be paid by Bidder on actual basis.

ARTICLE 23: CONTRACT DOCUMENT

A contract arising on acceptance of this tender or in consequence of this tender, Hafed and the Contractor, shall agree to abide by all the terms & conditions of Part I & II of these tender documents as well as the terms and conditions mutually agreed in writing between the parties.

ARTICLE 24: COMPLETENESS OF TENDER

The tender should be complete with all details of illustrative and descriptive literature.

ARTICLE 25: SAFETY OF PERSONNEL

25.1 The contractor shall cover all personnel deputed for performance of contract under appropriate insurance scheme.

25.2 Hafed shall not be responsible or held responsible or held liable for any damage to person or property that may result during the execution of contract by the contractor.

- 25.3 The contractor has to agree to indemnify Hafed from any or all claims for damages that may result during the execution of Contract by the contractor.
- 25.4 The contractor shall provide all safety gears and livery to its workmen to ensure their safety and protection from injuries during the execution of works.

Date:

Signature of the Bidder

Place:

Affix Rubber Stamp/Common Seal

**THE HARYANA STATE COOPERATIVE SUPPLY AND MARKETING
FEDERATION LIMITED**

Corporate office, sector 5, Panchkula Haryana (India)

Tel: 2590520-24, E. Mail: addlgmp@gmail.com

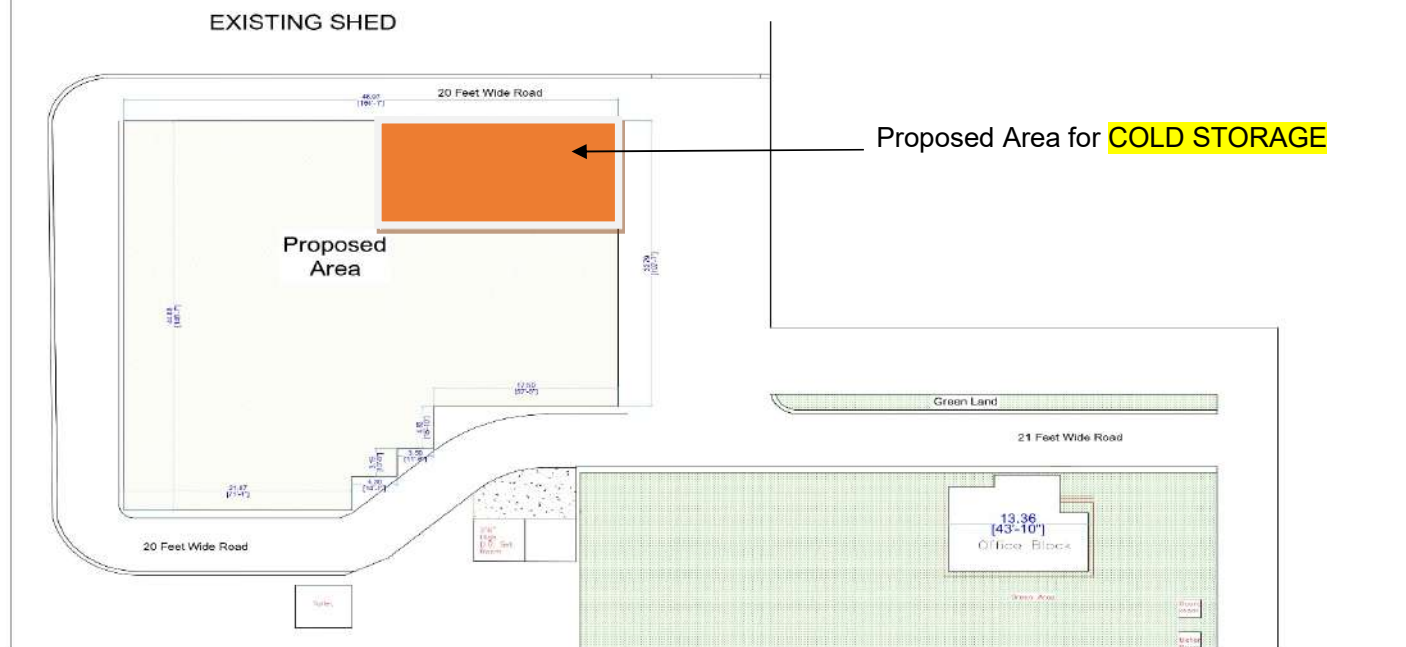
Web-site: www.hafed.gov.in

Annex- A

TECHNICAL SPECIFICATIONS

Items for which tender is invited for- Designing, Manufacturing, Supply, Installation & Commissioning of **KIRANA & SPICES Cold Store-500 MT**, at HAFED Complex, Radaur Yamuna Nagar on turnkey basis:-

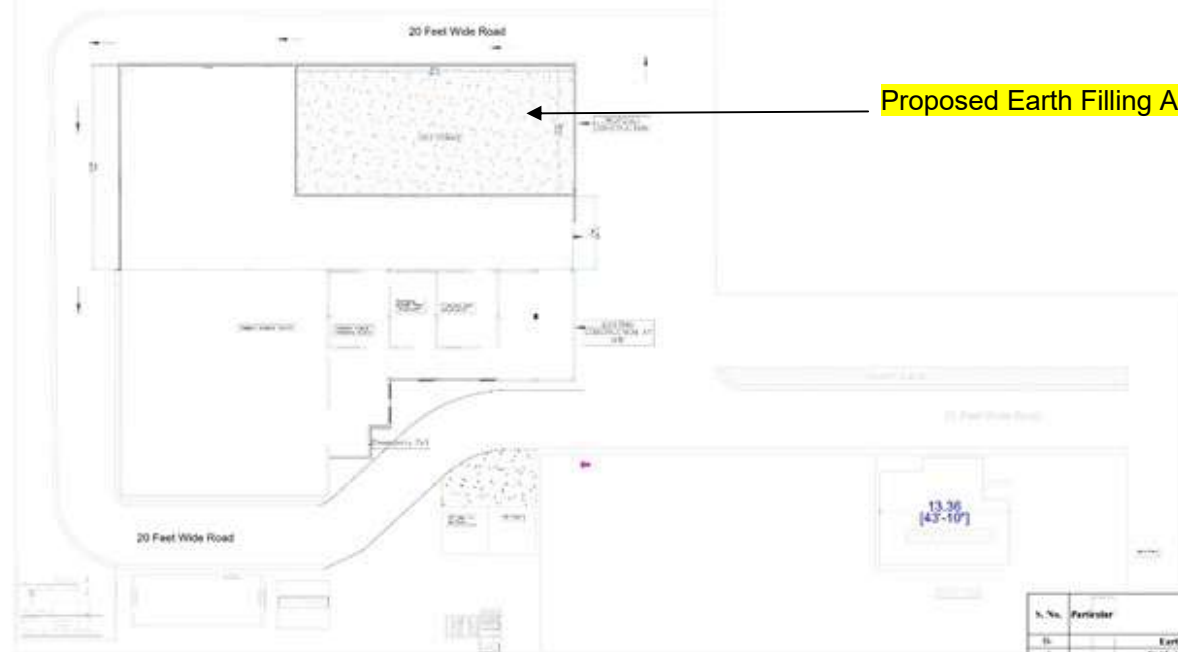
SHEET NO. 03- PROPOSED AREA PLAN



PREPARED BY:- Kamtech Associates Pvt. Ltd. (India/Kenya/Tanzania/Germany) B-20, Behind pink square mall, Janta Colony, Jaipur (Rajasthan) India, Ph: +91-724000406-07	PROJECT:- PROPOSED 10 MT. COLD STORAGE AND TURBIDITY OR. EXTRACTION AND POWDER PLANT - HAFED PROJECT LOCATION:- RAIPUR, HARYANA	DATE 03-03-2021 SCALE:- 1:1 REV. NO. R-0 R.DATE All Dimensions are in Meter
		PAIR: 100-2 DRAWN BY:- KUT DEEP 

SHEET NO. 04.1 PROPOSED EARTH FILLING

EXISTING SHED



Proposed Earth Filling Area for COLD STORAGE

S. No.	Particular	Dimensions (Mts.)		Height	Area (Cw. Mts.)
1.	Earth Filling				
2	Cold storage area	28.52	13.34	1.0	455.52
3	Process area	37.77	23.31	0.40	188.81
4		28.52	2.52	0.40	88.64
S. No.	Particular	Dimensions (Mts.)		Height	Area (Sq. Mts.)
NEW CIVIL CONSTRUCTION					
1	Height increase in existing Process Hall- PSH shed	21.23	22.89	1.50	485.94
2	New Processing Hall- PPSH shed	17.77	23.11	8.00	355.12
		28.97	9.87	4.50	219.20
3	New room in front of existing shed	6.06	7.00	4.50	42.42
4	New Wall Construction Infront of warehouse (Ca. Mts.)	11.00	0.23	4.50	11.14
5	Cold Storage Building (shelved produce- capacity 500MT)	28.52	13.34	7.50	379.60
6	Cooling Tower	10.00	7.00	0.00	70.00
7	Water Recum	11.00	7.00	4.50	65.00
8	Foundation of machines/equipment				100.00
9	Facility- Male	1.13	2.40	5.00	4.26
10	Facility- Female	1.13	2.40	5.00	4.26

PROPOSED BY:

Kamtech Associates Pvt. Ltd.
(India/Kenya/Tanzania/Germany)
B-20, Behind pink square mall, Janta Colony,
Jaipur (Rajasthan) India.
Ph. +91-7240000406-07

PROJECT: PROPOSED FOR NEW COLD STORAGE AND JUMBO
ICE COLLECTOR AND POWDER PLANT - HAFED

PROJECT LOCATION: RAJASTHAN, RAJASTHAN

DATE: 03-03-2023

SCALE: 1:1

REV. NO. 0

R. DATE: All Dimensions are in Meter

PAGE: 1 OF 2

DRAWN BY: AS LEEP

DATE: 03-03-2023

SCALE: 1:1

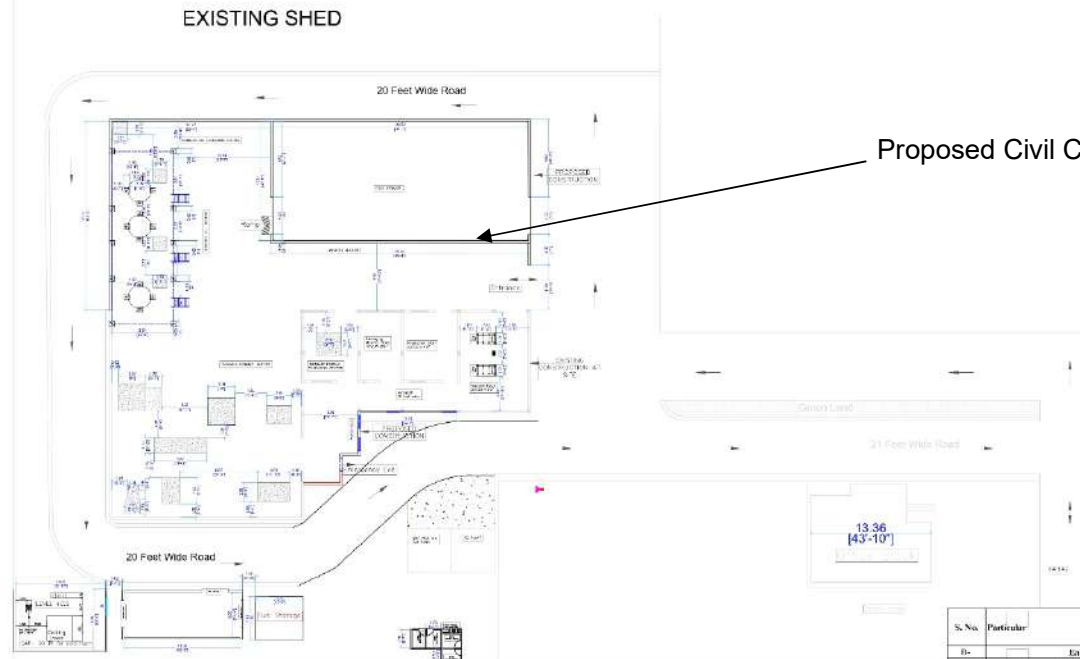
REV. NO. 0

R. DATE: All Dimensions are in Meter



SHEET NO. 04- PROPOSED CIVIL LAYOUT PLAN

EXISTING SHED



Proposed Civil Construction Area for COLD STORAGE

S. No.	Particular	Dimensions (Mtr)		Height	Area (Cu. Mtr)
B-	Earth Filling				
1	Cold storage area	28.52	13.31	3.2	155.52
2	Process area	12.77	21.31	0.45	116.81
		28.93	7.87	0.45	48.69
S. No.	Particular	Dimensions (Mtr)		Height	Area (Sq. Mtr)
C	NEW CIVIL CONSTRUCTION				
1	height increase in existing Process Hall- PED shed	24.22	22.89	1.50	482.99
2	New Processing Hall- PED shed	17.22	21.11	8.80	325.12
		28.97	7.57	4.50	216.30
3	new room in front of existing shed	6.66	7.00	4.50	42.42
4	New Wall Construction in front of shed (Cu. Mtr)	11.00	0.25	4.50	11.34
5	Cold Storage (Building material) production capacity 2400MT	28.52	13.31	7.30	329.68
6	Cooking Tower	10.00	7.00	0.80	70.00
7	Baker Room	13.00	3.00	4.30	45.00
8	Installation of machine equipment				155.00
9	Truck- Make	3.13	2.00	3.80	6.36
10	Truck- Forklift	3.13	2.00	8.80	6.36

PREPARED BY:- Kamtech Associates Pvt. Ltd. (India/Kenya/Tanzania/Germany) B-20, Behind pink square mall, Janta Colony, Jaipur (Rajasthan) India. Ph: +91-7240000406-07	PROJECT: PROPOSED FOR MIL. COLD STORAGE AND FARMER OIL EXTRACTION AND FORTIFIED PLANT - JALANDHAR	PAGE: 1 OF 2
PROJECT LOCATION: JALANDHAR, HARYANA		DRAWN BY:- KUTU BEEP
DATE 03-03-2021	SCALE:- 1:1	REV. NO R-0
R. DATE:		
ALL Dimensions are in Meter		

BOQ Civil Work

S.No.	Description	Unit	Area
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil	Cum	90
2	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	Cum	90
3	Supplying and filling in plinth with Local sand under floors, including watering, ramming, consolidating and dressing complete.	Cum	360
4	Providing & injecting chemical emulsion for preconstructional anti termite treatment & creating a chemical barrier under & around the column pits, will trenches basement excavation, top surface of plinth filling, junction of wall and floor along the external perimeter of the building, expansion joints, surroundings of pipe and conduits etc. complete with appvd chemical. (Imidacloprid – 30.50 SC in 0.075% concentration) (The PLINTH AREA on the ground floor to be measured for payment. Nothing extra shall be measured for payments).	Sqm	380
5	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level		
5.1	1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size).	cum	32.00
6	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5mm nominal size)	cum	4.40
7	Centering and shuttering including strutting, propping etc. and removal of form work for :		
7.1	Foundations, footings, bases for columns	Sqm	19.00
7.2	Columns, Pillars, Piers, Abutments, Posts and Struts.	sqm	41.00
7.3	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	sqm	23.00

S.No.	Description	Unit	Area
8	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75mm bed by dry brick ballast 40mm nominal size well rammed and consolidated and grouted with fine sand including finishing the top smooth.	sqm	20.00
9	Re-inforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.		
	Thermo-Mechanically Treated bars.	kg	3050.00
10	Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete work including pumping of concrete to site of laying but excluding the cost of centring, shuttering, finishing and reinforcement including Admixtures in recommended proportions as per IS 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. M-25 grade reinforced cement concrete by using 410kg. of cement per cum of concrete.		
10.1	All Work Upto Plinth	cum	4.65
10.2	All Work above Plinth Level	cum	1.00
	BRICK WORK		
11	Brick work with F.P.S. bricks of class designation 75 in foundation and plinth in:		
11.1	Cement mortar 1:5 (1 cement : 5 coarse sand)	cum	12.00
11.2	Brick work with F.P.S. bricks of class designation 75 in superstructure above plinth level		
	Cement mortar 1:5 (1 cement : 5 coarse sand)	cum	66.00
	STEEL WORK		
12	supplying , fabricating, assembling and fixing in position G.I SHUTTER including making all locking arrangement, outer channel complete in all respect	Sqm	5.00

S.No.	Description	Unit	Area
13	Supply, Fabricating, assembling, hoisting / erecting and fixing in position Structural Steel Works of specific Grade at all heights and all levels of all shapes and sizes with all leads and lifts, fabricated from equal and unequal angles, flats, channels, Galv rod, Tie rod / Sag Rod, structural steel hollow box sections RHS, SHS, tubular of TATA Structural box sections, (square, rectangular, tubular hollow sections as per IS 4923 & 1161) conforming to latest IS:808 for the work of steel roof truss structure, steel canopy, portal frames, plate girders, gantry girders, steel columns, MS staircases of any shape, MS gate, Elevation grills, Compound wall grills, including cutting, riveted, bolted, welding and threading the members as per detailed drawing and design, including cutting and making good masonry and RCC works as per requirement. High strength "J" bolts for fixing and positioning of members as per design & drawings. Bolts shall conform to IS : 1367(Part 3)-2002, Gr.-8.8 as per drawings and as directed by engineer in charge The rate shall include 2 coat of zinc chromate red oxide primer and 2 coats of synthetic enamel paint of approved make over all the surfaces of the steel sections. (Only standard measurements will be paid for as actual cut length used at site). Shop drawings for the connection details shall be prepared by the contractor for the approval of the architect/consultant. Rate shall be inclusive of cutting, wastage, welding, bending (shop at site), bolting, riveting wherever necessary, in position welding of required length, grinding, finishing edges, filling the welded spots with paint. Rate shall also include the cost of necessary scaffolding work. It should also include the cost of approved size of zinc coated nut-bolt and any type and size of Anchor fasteners of Hilti or Fisher makes.	Kg	11550
14	Supplying and fixing colour coated Corrugated GI sheet (trapezoidal profile) of 0.8 mm thickness with suitable GI J or L hooks, washer, bitumen washer and nuts on MS PURLIN with suitable lap to make water proof as per design & drawing. This also include the making all necessary arrangement, additions in existing structures for installation of shuttering like drilling holes, bolting etc. This also includes providing and fixing of wind tie over sheeting of flat of size 25X3mm. This item also include doing all the necessary arrangement for taking all safety precautions during erection, life line making, boom lifter, safety net etc. as per the HZL standards	Sqm	380
	Flooring Work		
15	Providing & laying 200 mm thick stone soiling below p.c.c. in production area	Cum	80

S.No.	Description	Unit	Area
16	Providing & Laying 100 mm thick RCC non suspended slab in M-30 mix by vacuum dewatering method adopting "Tremix" System including finishing with electrical floater and cost of centering and shuttering & forming drains etc. as shown complete but excluding cost of reinforcement. Light grey cement of approved shade shall be used for laying non suspended slab including laying in panels of approx. size 4mx4m making of groves ,filling of groves with Bitumin ,curing complete in all respect as directed by EIC	Sqm	380
17	Providing and Laying 10mm thick monolithic Double charged full body Vitrified tile flooring (size 800 x 800) etc. as per the approved make shade incl. of white cement mortar bedding of CM 1:6 in 40 mm thickness; neat slurry, filling joints with white cement & matching colour pigment, curing cleaning, wastages etc complete to drawing and to the satisfaction of site engineer.(basic rate:Rs750 /sqmt.) (Make:-Somany,Kazaria or equivalent)	Sqm	
18	Providing and laying glazed Ceramic wall tile (size 300x450) conforming to I.S 13753 of minimum thickness 5mm (basic cost approx. Rs.250/- per sq.mt.) as per approved shade incl. of cement mortar bedding of CM 1:4 in 40 mm thickness; neat slurry, filling joints with cement & matching colour pigment, curing cleaning, wastages etc complete to architect's pattern and requirement and to the satisfaction of EIC.	sqm	
22	Providing and laying kota stone (size 300 x 300)	sqm	380
	FINISHING		
19	Providing and applying 15 mm thick interior surfaces of walls , plain faced cement plaster in C.M. 1:4 with wood float finish on all types of surfaces specified on drawings at all levels. The rates shall also include moulding and grooves wherever specified, scaffolding, curing, providing and fixing 400 mm wide chicken mesh at junctions of concrete and masonry or any dissimilar materials etc.	sqm	320.00
20	Providing and applying on external surfaces of masonry / concrete where directed, 20 mm thick in 2 coats, first coat 12 mm thick in CM 1:6 and second coat 8 mm thick in CM 1:4 finished with neat float, including making of groves wherever specified making 40x18mm droplet at edge of horizontal surfaces curing, scaffolding etc. all complete.	sqm	330
21	Providing three or more finishing coats of distemper of approved manufacture and shade to internal walls applied evenly to give uniform finish as approved complete as per specifications including preparation of surface and a coat of primer as specified.	Sqm	440

S.No.	Description	Unit	Area
22	Providing and applying of 2 coats of white wash,including all scaffolding	Sqm	319
23	Providing and fixing polyster coating aluminum work (min. thickness of coating 50 micron)for for two track windows with extruded builup standard tubular and other sections of approved make confirming to IS :733 and IS: 1285 andized transparent 81 dyed to required shade according to IS 1868 (minimum anodic coating of grade Ac 15) Fixed with rawl plugs and screwst etc. aluminium section shall be smooth,rustfree,straight,mitred and jointed mechanically wherever required including cleat angle aluminium snap beading for galzing/paneling,C.P. brass/stainless steel screwswith complete fittings all complete as per architeturall drawings including 6mm toughned glass (Jindal 26 series or equivalent)	Sqm	2
24	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS:1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : 21.1.1 For fixed portion 21.1.1.1 Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	Kg	5
25	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 8 mm thickness	Sqm	3

BOQ Electric Work

S.No.	Item of Work	Unit	Total Qty
A	<u>SUBHEAD - I - WIRING</u>		
1.1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.		
1.2	Group C	Point	20.00
1.3	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, 2 way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.	Point	4.00
2.0	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required(LIGHT CKT & POWER POINT CKT)		
2.1	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Metre	120.00
2.2	4 X 6 sq. mm + 2 X 6 sq. mm earth wire	Metre	40.00
2.3	4 X 10 sq. mm + 2 X 10 sq. mm earth wire	Metre	100.00
3.0	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 5 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required.	Each	5.00

S.No.	Item of Work	Unit	Total Qty
4.0	Supplying and flexing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and flexing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection, painting etc. as required.	Each	10.00
5.0	Supply and fixing suitable size of G.I. box with modular plate and cover in front on surface or in recess including providing and fixing 2 nos. 5 pin 5/6A socket outlet and on 1 nos. 5/6A modular type switch, connection, painting etc. is required. (Comp. point)	Each	5.00
6.0	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top along with 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	Each	8.00
7.0	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required		
7.1	Telephone socket outlet	Nos	4.00
7.2	TV antenna outlet	Nos	1.00
8.0	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc as required.		
8.1	1 or 2 Module (75mmX75mm) for fan regulator, Tv& Tele. Outlet, Bell push & Lan socket	Nos	10.00

S.No.	Item of Work	Unit	Total Qty
8.2	Supplying and drawing co-axia TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface/ recessed steel/ PVC conduit as required	Mtr	45.00
8.3	Supply, installation, testing and commissioning of following krone type tag blocks enclosed in MS enclosure of suitable size with lockable cover.		
8.4	10 pair Tag block	Nos	1.00
8.5	30 pair Tag block	Nos	1.00
9.0	Supplying and drawing following pair, 0.5 sq mm FRLS PVC insulated copper conductor, unarmoured telephone cable in the existing surface/recessed steel/ PVC conduit as required		
9.1	2 pair	Mtr	30.00
	TOTAL FOR SUBHEAD - I		
B	SUBHEAD-II-FITTINGS & FIXTURES		
1.0	Supplying of surface mounted ceiling light suitable for 1 x 18 W tube light duly powder coated CRCA body with satin aluminium reflector and complete with all accessories, CFL lamp etc. as required. (BAJAJ CAT - BJDS 118 C WEB)	Each	18.00
2.0	Supplying of T-5 LED Tube light 21W 4FT Industrial Warm White Model: ES-T521W-WW.	Each	12
	TOTAL SUBHEAD - II		
C	SUBHEAD-III- MAIN BOARDS & DISTRIBUTION BOARDS		

S.No.	Item of Work	Unit	Total Qty
1.0	Supplying, installing, testing & commissioning of compartmentalised wall mounted / floor mounted cubicle board made from 2mm thick CRCA sheet dust & vermin proof duly phosphatized & powder coated inclusive of suitable size 4 strip Al. Busbar complete with interconnection providing Lugs, inter-earthing, painting etc. i/c providing & fixing below noted accessories:		
1.1	MAIN BOARD		
	INCOMING :		
	100 Amp FPMCCB having breaking capacity - 35 KA with Ics=Icu=35 KA, with Rotary Handle operating Mechanism - 1 No.		
	(0-100 A) Digital Ammeter with selector switch & 100/5 C.T.'s - 1 Set		
	(0-500 V) Digital Voltmeter with selector switch - 1 Set		
	Indication lamp R/Y/B with backup MCB - 1 Set of Three		
	BUSBAR:		
	125 Amp. 4 strip Al. Busbar.		
	OUTGOING :		
	63 Amp TP MCB having breaking capacity - 15/16 KA - 4 Nos.	Set	1.00
	Supplying and fixing following way prewired SP&N MCB distribution board of steel sheet for 240 volts on surface/ recess complete with loose wire box, terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size FR PVC insulated copper conductor up to terminal blocks, tinned copper bus bar, neutral link, earth bar, din bar, detachable gland plate, interconnections, powder painted including earthing etc. as required. (But without MCB/ RCCB/ Isolator)		

S.No.	Item of Work	Unit	Total Qty
1.2	2 + 4 way, Double door		1.00
1.3	2 + 8 way, Double door	Each	2.00
2.0	Supplying and fixing following way prewired TP&N MCB distribution board of steel sheet for 415 volts on surface/ recess complete with loose wire box, terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size FR PVC insulated copper conductor up to terminal blocks, tinned copper bus bar, neutral link, earth bar, din bar, detachable gland plate, interconnections, powder painted including earthing etc. as required.(But without MCB/ RCCB/ Isolator)		
2.1	8 way (4 + 24), Double door	Each	3.00
3.0	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required		
3.1	40 amps	Each	2.00
4.0	Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.		
4.1	40 amps	Each	3.00
4.2	63 amps	Each	3.00
5.0	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required		
5.1	Single Pole	Nos.	25.00
6.0	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required	Each	10.00
	TOTAL SUBHEAD - III		
D	SUBHEAD-IV- EARTHING		

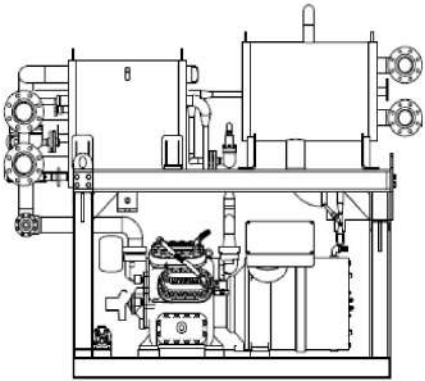
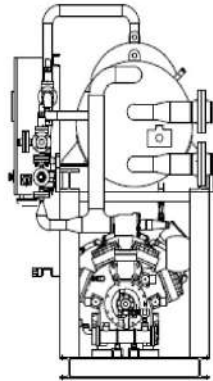
S.No.	Item of Work	Unit	Total Qty
1.0	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	Sets	4.00
1.2	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.	Mtr	50.00

List of Plant and Machinery (BOQ) for COLD STORAGE- 500MT


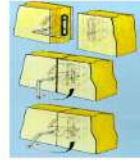
Detailed technical specs of Plant and Machinery


Plant & Machinery - Cold Storage- 4 nos-(125MT each) 500 MT		
1	Compressor with all require accessories	lot
2	PUF panel, Floor insulation and door	lot
3	Rack System for 4nos. cold rooms	lot
	Including Rack Wooden Floor	
	Steel Column 100x100x5mm	
	Steel Beam- Main 75x150x5mm	
	Steel Beam- Support 75x150x5mm	
	Base plate-300x300x10mm	
	Ribs 150x100x8mm	
	Red oxide paint	
Utilities		
1	Cooling Tower with pump	1
2	Electrical Installation, Panels, Capacitor Bank etc	1

No. of Rooms	4
Size of room (M)	10 x 6 x 6.5 MtrHt
Product To be Stored	Turmeric, Turmeric Powder, Turmeric Oil
Storage capacity	125 MT, Each (500MT Total)
Daily Loading	6.25 MT
Product Entering Temp	25 deg C
Room Temp to be maintained	4 to 5 deg C
Relative Humidity	65 to 75%
Pull Down	20Hr.
Refrigerant	Ammonia, gravity Feed

S. N.	Description	QTY
SECTION – A		
1.	<p>Ammonia operated reciprocating package unit incorporating compressor block high speed single stage multi cylinder Belt Drive</p> <p>reciprocating ammonia compressor, complete with Safety valve, Oil sight glass, Suction and Discharge valves, Driver accessories comprising of</p> <p>Flywheel, Motor Pulley, V-Belt, tools, wrenches & foundation bolts & Gauge</p> <p>cum panel and capacity control arrangement and skid mounting.</p> <p>Suction Temp.: (-) 3°C</p> <p>Condensing Temp.: (-) 40°C</p> <p>CAPACITY: 16 TR</p> <p>POWER CONSUMED: 13.2 BKW</p> <p>RPM: 900</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div>	<p>0 2 Nos.</p> <p>(1W+1S)</p>
2.	<p>Cyclone Type oil separator flanged connections with companion flanges and oil drain valve.</p>	<p>0 2 Nos.</p> <p>(1W+1S)</p>
3.	<p>SIEMENS /ABB/C. G / Equil. Make 20 HP (IE-2) TEFC Sq. Cage induction motors suitable for 415volts, 3 phases, 50HZ, AC supply with slide rails for compressor.</p>	<p>0 2 Nos.</p> <p>(1W+1S)</p>

S. N.	Description	QTY
4.	Reputed make star delta starter for the above motors.	02 Nos. (1W+1S)
5.	wall mounted / ceiling suspended frigid coil air Cooling unit complete with SS Tubes & AL finned cooling coil with Accumulator after fabrication. Total GI enclosure and drain pan axial flow fan with motor with water defrost arrangement etc.	04 Nos.
6.	Danfoss / Parker / Manik Make Controls for Cold Rooms: Solenoid Valve: 01 No. Float Switch: 01 No. Digital Temperature indicator: 01 No.	04 Set.
7.	20 TR ALFA LAVAL make Semi Welded PHE type water cooled Ammonia condenser.	01 No.
8.	Ammonia receiver size 20" dia. X 10' long with Liquid inlet and outlet valves, safety valve, charging valve, drain valve, Purge valve, pressure gauge and Reflex Level gauge glass w/ valves.	01 No.
9.	Manual gas purger with safety valve for purging noncondensable Gases from the system.	01 No.
10.	Advance / Equivalent cooling tower suitable for compressor jacket cooling water.	01 No.
11.	KBL / Eq. make 3 HP Monoblock centrifugal pump set for Condenser water circulation suitable for 400/440 volts, 3 phase, 50 cycles, 2900 RPM AC supply	02 Nos. (1W+1S)
12.	MCC panel will be cubical type switchboard with bus bar, Incoming ACB, indicating lamps, push buttons, switches, fuses, voltmeters, Voltmeter switch, ammeters, ammeters switch, and Starter for condenser pump, ammonia pumps, feeder for compressors motor.	01 No.
13.	Power & Control cabling with Cable Tray for complete refrigeration plant. Below 5 HP copper unarmored cable and above 5 HP Aluminum Armored Cable.	01 Lot.

S. N.	Description	QTY
14.	MS 'C' Class pipes, pipe fittings and ammonia valves to interconnect above equipment and compressor jacket- cooling based on compact plant layout. Also, pipe, pipefitting and ammonia valves to inter connect compressors.	01 Lot.
15.	G.I 'B' Class pipes, pipefitting and valves for condenser water circulation, defrost pipe & Pump and drain pipe line upto Condenser Tank based on assumption that condenser shall be placed at a distance have not more than 7m from the plant room.	01 Lot.
16.	Puf insulation complete with 26 G cladding, bitumen,Puf Blocks etc. for Liquid Line, Suction / Wet return Line and ACU drain Pan for avoiding the sweting.	01 Lot.
17.	First charge of ammonia gas.	01 Job.
SECTION – B		
01.	ERECTION, TESTING & COMMISSIONING Installation, Testing & commissioning of the complete Refrigeration plant and putting in operation. scope is As follows: Erection of the equipment as per our layout with proper Orientation & alignment. Connecting various equipment with pipelines, fittings, Controls and instruments Pressure testing, charging of gas & commissioning of plant. Painting of the complete Refrigeration plant.	01 Job.
SECTION – C - PUF PANELS, FLOOR INSULLATION		
1	PUF Panel: - PUF insulated panels will be cladded on both sides with 0.5 mm thick (TCT) light profiled pre painted GI sheet in off <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <p style="text-align: right; font-size: small;"><i>Gam-Lock Tongue & Groove System for Perfectly Sealed Joints.</i></p>	As per size

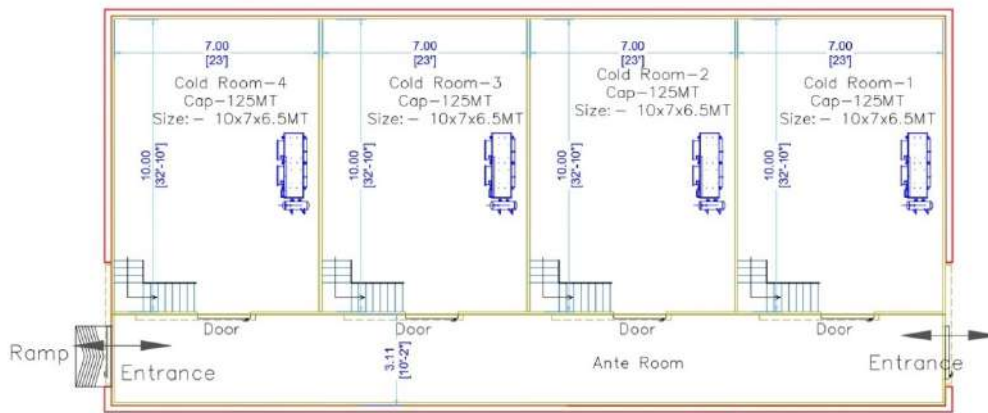
S. N.	Description	QTY
	white colour (RAL 9002). The PUF density will be 40 ± 2 Kg /m ³ . The panels will be provided with Cam lock and tongue & Groove jointing system for leak proof joints. The thermal conductivity of PUF will be $(0.023 \pm 5\%)$ w/m°k. The blowing agent used in the process is R 141 b, which is CFC free.	
2	Panel Fixing Accessories Panel fixing accessories will comprise of plain pre – painted GI Sheet corner flashing, Sealant, Pop Rivets and aluminum / PCGI Sheet angles	
3	Floor Insulation with PUF Sheets The Floor Insulation will be with PUF Sheets conforming to IS: 4671-1984, in double/single layer. The density of PUF Sheet will be 40 ± 2 Kg /m ³ . The supply includes sufficient quantity of vapor barrier such as tar-felt, polythene sheet and blown bitumen of 85/25 Grade. The floor insulation will be laid as per IS: 661-1974. The floor insulation thickness as mentioned in Annexure-I enclosed.	
SECTION – D - PUF PANELS, FLOOR INSULATION		
1	As per layout plan Manually Operated Horizontal Sliding Doors will be complete with sliding rail, door shutter cladded on all sides with 0.6 mm thick Pre-painted GI Sheet, PVC reinforced door-frame and will be fitted with EPDM gasket suitable sliding arrangement. 1200mm (W) x 2100mm (H) x 100 mm thick for Cold Store and Ante Room	

S. No	Item
A	Supply of Items:
1.0	Supply of PUF insulated Composite wall and ceiling panels for Chamber of size 7.0 m x 10.0 m x 6.2 m - 4 nos. having common partition of size 3 m x 21.4 m and 7.0 m x 9 m
a.	100 mm Thick PUF Panel for External Wall, Partition wall and ceiling panel in Cold Store (Both Side PCGI Sheet Cladding)

2.0	Hinged Type PUF Insulated Doors comprising Door Shutter clad on both sides with 0.5mm thick (tct) plain pre -painted GI sheet in Off-white colour. Door will be fitted with standard door fittings comprising Hinges, latch set with locking arrangement, Emergency Push Rod, Heating Tape and Gasket suitable for Door Opening sizes:
a.	1200mm (W) x 2100mm (H) x 100 mm thick for Cold Store and Ante Room
3.0	Floor Insulation with PUF Sheets in single layer. PUF Density will be 40 ± 2 kg/cum. With vapour barrier i.e., Tarfelt and Bitumen
a.	100 mm thick
4.0	Panel Fixing Accessories comprising:
a.	Sealant, Pop Rivets and PCGI sheet flashing only.

Cold Room Rack

- Rack floor to be 300mm above cold room finish floor
- Steel Vertical Column should be 100x100x5mm
- Base Plate 300x300x10mm
- Steel Beam 75x150x5mm
- Wooden ribs 1500x100x8mm
- Anti-rust proof paint- Red Oxide or equivalent



ANNEX-1**COST OF BID DOCUMENT AND BID SECURITY (EMD) DECLARATION****Tender Enquiry No.....****Due for opening on****Name of the tender:**

Cost of bid document and Bid Security (EMD) as required by this Tender Enquiry
No:-----) are being submitted in the form of Debit Card, Net Banking and
RTGS/NEFT/ or Over the Counter(OTC)

Amount _____

Details of RTGS/NEFT

Bid Security (EMD)

Amount _____

Details of RTGS/NEFT

Signature of the Bidder**Name & Address with stamp**

ANNEX -2 Technical Bid

Tender Enquiry No:		
Due for Opening on	:	
1.	Name & Address of Bidder with Contact No. :	
2.	Permanent Income Tax A/c No. of the bidder :	
3.	Details of the Banker of the Bidder:	
i)	Name of Bank:	
ii)	Address of the Branch:	
iii)	Phone No.:	
iv)	RTGS/IFS Code No.:	
v)	Bank A/c No.:	
vi)	Type of A/c:	
vii)	MCIR code:	

4. Business Name and constitution of the Bidder firm. Also state if the firm is registered under

- i) The Indian Companies Act, 1956
- ii) The Indian Partnership Act, 1932
- iii) Any act, if not, who are the owners. (Please give full Names and Address)

5. Whether the Bidder firm is/ are

- i) Manufacturer / Contractor / Manpower agency
- ii) Manufacturer's Authorized agent

Note: In case of being Manufacturer's Agent, enclose a copy of latest Manufacturer's Authorization along with the Tender.

- iii) Whole seller/Retailer

6. For partnership firms state whether they are registered or not registered under Indian Partnership Act. 1932. Should the answer to this question by a partnership firm be in the affirmative, please state further:-

(i) Whether by the partnership agreement authority to refer disputes concerning the business of the partnership to arbitration has been conferred on the Partner who has signed the tender.

(ii) If the answer to (i) is in the negative, whether there is any general power of attorney executed by all the partners of the firm authorizing the partner who has

signed the tender to refer dispute concerning business of the partnership to arbitration.

7. State whether business dealing with you has been banned by any Central/ State Government Organization? If so, give details.
8. It is desired that installation and commissioning work should be carried by the qualified operators and workers, having sufficient working experience in the line for successful operations.
9. Bidder should have at least 5 project experiences in making of Cold Storage.

Signature of witness

Signature of Bidder

Full Name and Address of Witness

ANNEX-3**INCOME TAX RETURN & PAN NUMBER****Tender Enquiry No:****Due for opening on:****Name of the Bidder:**

Copies of IT Returns, PAN Number, GST Registration as required by this Tender Enquiry are being submitted along with this tender as per details given below.

Sl. No.	Description	Remarks
i.	Copies of Income Tax Returns for the Assessment Years (For last three years)	
ii.	Copy of Permanent Account Number	
iii.	Copy of GST Registration number	
iv.	Any other	

Signature of the Bidder**Name & Address with stamp**

ANNEX-4**UNDERTAKING ON NON-JUDICIAL STAMP PAPER OF Rs. 100.****Tender Enquiry****Due for opening on:**

I/ We M/s _____ hereby declare that:

1. I/ we am/are agency engaged in business of _____ have examined the above mentioned tender document including amendment/ corrigendum (if any) the receipt of which is hereby confirmed.
2. I/ we do hereby offer for appointment of **AGENCY** for **DESIGN, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF KIRANA & SPICES COLD STORE OF 500 MT CAPACITY** at the prices and rates mentioned in the price bid.
3. I/we have quoted rates /percentage of service charges inclusive of all statutory taxes, charges & compliances i.e. EPF, ESI, etc. as applicable.
4. I/ we agree to abide by my/our offer for a period of 60 days from the date of opening of the tender.
5. I/ we have carefully read and understood all the Terms and Conditions of the Tender and shall abide by them.
6. I/we agree for the all clauses and payment terms and conditions of this tender enquiry. In case any condition put forth by us is against the terms and conditions of tender, the same shall be treated as to be having no affect whatsoever and that the tender terms and conditions shall only prevail upon such conditions, if any.
7. I/ we have necessary licenses/ authorizations for the providing of said services and of the equipment/ devices and/or obtain the same at its costs and expenses as and when required and/or obtain the same at my/our costs and expenses as and when required.
8. I/We declare that we have necessary infrastructure/tie up for the installation of Cold Storage and enough manpower to cater to any additional need of Client on short notice, if any such need arises in the tenure of the contract.
9. I/ we also declare that in case of change constitution of our firm or for any other change, merger, dissolution, insolvency etc. shall be immediately brought to the notice of client. In such case the continuing Partner(s), Administrator, permitted assigns shall be responsible to meet the liabilities under this tender/contract.
10. The tender document has been downloaded from the official website for bidding purpose is a true copy of the original.
11. Our firm or any other firm with similar type of operation with same or some/one of the partners/proprietors being same as of the tendering firm has not been black listed in the past 3 years by any Government/ private institution. If there is any

such case of black-listing / unsatisfactory service, please attach the details of the same.

12. I/we also certify that that there is no vigilance/ CBI case pending against the Bidder firm/ Agency/ or any other firm with similar type of operation with same or some/one of the proprietors being same as of the tendering firm. If there is any case, please attach the details of the same.
13. I/we also certify that that there is no pending case for payment/ civil liability pending against us in any of the courts. If there is any case, please attach the details of the same.
14. I/We hereby undertake that the above-mentioned information is correct to the best of my knowledge and belief and nothing has been concealed deliberately / inadvertently. In case any of the above information is found to be false, the Institute reserves the right to cancel the tender at any stage even after the award of the tender, without assigning any reason thereof.

Signature of the Bidder

Name & Address with stamp

Annex-5**Compliance Statement**

Tender Document ID No: -

Due for opening on:

Name of the Equipment DESIGN, SUPPLY, INSTALLATION, TESTING, AND COMMISSIONING of KIRANA & SPICES COLD STORE (500 MT)

Specifications as per the tender documents	Specifications of the offered Equipment	Compliance (Yes or No)	Deviations (In Unambiguous Terms)

Signature of the Bidder

Name and Address with seal

**THE HARYANA STATE COOPERATIVE SUPPLY
AND MARKETING FEDERATION LIMITED**
Corporate office, sector 5, Panchkula Haryana (India)
Tel: 2590520-24, E. Mail: addlgmp@gmail.com
Web-site: www.hafed.gov.in

Annex-6

FINANCIAL BID

Name of tenderer: - _____

Address: - _____

**Sub. : Price Quote for DESIGN, SUPPLY, INSTALLATION, TESTING AND
COMMISSIONING OF KIRANA & SPICES COLD STORE OF 500 MT CAPACITY**

S.No.	Description of item	Amount in (Rs.)	
		In figures	In words
1	Design, Manufacture, Supply, Installation, Commissioning and Testing of KIRANA & SPICES COLD STORE OF 500 MT CAPACITY (Attached Items wise list)		
1.1	Civil Work		
2	Packing & forwarding		
3	GST @		
5	Entry Tax/Any other charges, if any		
6	Transportation Charges including insurance charges and all applicable taxes		
7	Installation, testing & commissioning charges for require Equipment and utilities as per specification & drawing enclosed.		
8	GST on (7 and 6) if applicable		
9	Total cost (1) to (8)		

Notes :

- 1) Tenderer shall provide information regarding Fuel/power/maintenance/ user manual.
- 2) The Tenderer for which total cost of equipment quoted is found lowest shall be L1.

- 3) Tenderer should indicate clearly whether the tax mentioned above is against any concessional form. In case the concessional form is not provided, the rate of tax should be mentioned.
- 4) Bidder should quote the most competitive rates with conformity to the specifications and commercial stipulations given in the tender in the very instance least they run and risk of losing out in absence of negotiations.
- 5) The rate must be written both in words and figures. There should be no erasures and or over writings, correction, if any, should be made clearly and initialed with date. In case if there is variation observed in the rates in between words & figures, the words shall be considered.
- 6) The conditional offer which affects the rate of quoted item shall be liable for rejection even the rated rate is lowest.
- 7) These rates are valid for 45 days from the date of opening of price bid.

Signature with seal of tenderer
(In token of acceptance of above)