

**Online tenders are invited in two stage bid system i.e. Technical bid and Financial Bid
as per the details given below in Schedule-A**

SCHEDULE-A
(Effective w.e.f 11.12.2019)

Sr. No.	PARTICULARS	REMARKS
1	Tender Notice No.	21/2019-2020
2	Sr. No. of Tender.	01 (Supply Group)
3	Superscribed No. of Tender.	34/HR/E-2/2019-2020
4	Online submission of EMD, Tender fee & e-Service Fee Option-1: Through Net Banking and Debit card	On or before last date of submission of Technical Bids upto 12:00 Noon
5	Online submission of EMD Option-2: Through RTGS/ NEFT- <i>(In case of above, the bidder has to pay Tender Fee & e-Service Fee Through Net Banking and Debit card as per the given date & time schedule)</i>	On or before 22.07.2020 Upto 02:00 P.M.
6	On line Bid Preparation & submission.	Upto 24.07.2020 at 02:00 P.M.
7	Date & time of opening of Technical Bids/s.	On or after 24.07.2020 at 02:30 P.M.
8	Date & time of opening of Financial Bids/s	To be decided later on
9	Tender Fee:	
	(I) For Haryana based manufacturing Micro and Small Enterprises (MSEs) & Khadi Village Industries Unit eligible as per the "Haryana State Public Procurement Policy for MSME -2016" notified vide G.O. No. 2/2/2016-4I BII(1) dated 20-10-2016 and as amended from time to time.	NIL
	(II) For Haryana based Startups/First Generation Entrepreneurs eligible as per State policy "Concession/benefits in Public Procurement to Startups/First Generation Entrepreneurs of State" issued vide G.O No.2/2/2016-4I B-II dated 03.01.2019.	NIL
	(III) For remaining bidders both from the Haryana and Non Haryana	Rs. 5000/-
10	Earnest Money Deposit (EMD) required:	
	(I) For Haryana based manufacturing Micro and Small Enterprises (MSEs) & Khadi Village Industries Unit eligible as per the "Haryana State Public Procurement Policy for MSME -2016" notified vide G.O. No. 2/2/2016-4I BII(1) dated 20-10-2016 and as amended from time to time.	NIL

	(II) For Haryana based Startups/First Generation Entrepreneurs eligible as per State policy "Concession/benefits in Public Procurement to Startups/First Generation Entrepreneurs of State" issued vide G.O No.2/2/2016-4I B-II dated 03.01.2019.	NIL
	(III) Central or Haryana Public Sector Enterprises and "approved sources" as declared by the Industries Department, Haryana	NIL
	(IV) For remaining bidders both from the Haryana and Non Haryana	Rs.200000/-
11	E-Service Fee	Rs. 1000/-
12	Date and time of receipt of samples (if required)	Not applicable
13	Rates to be kept valid for acceptance upto:	31.12.2020

A. Information to Bidders:

- i. The Bidders can download the tender documents from the Portal:
<https://etender.hry.nic.in>

1. Date and Time of making payment of tender fee, earnest money deposit (EMD) and e-service fee is as under:

A	Online submission of EMD, Tender fee & e-Service Fee (Option-1: Through Net Banking and Debit Card	On or before last date of submission of Technical Bids up-to 12:00 Noon
B	Online submission of EMD Option-2: Through RTGS/ NEFT- <i>(In case of above, the bidder has to pay Tender fee & e-Service fee Through Net Banking and Debit card as per the given date & time schedule)</i>	On or before 22.07.2020 Upto 2:00 P.M.

2. As the Bids are to be submitted online and are required to be encrypted and digitally signed, the Bidders are advised to obtain Digital Signature Certificate (DSC) at the earliest. For obtaining Digital Certificate, the Bidders should follow Point No.- 2 under "Instructions to bidder on Electronic Tendering System" and available at the link:
<https://etenders.hry.nic.in>
3. The Bidders shall have to pay for the Tender Documents Fee, EMD Fees & e-Service Fee online by using the service of secure electronic payment gateway. The secure electronic payments gateway is an online interface between bidders and online payment authorization networks.
4. The bidders must have Net Banking account in order to pay Tender Document Fee and e-Service Fee.
5. **Payment of Tender Fee:-** The payment for the Tender Document Fee shall be made by the interested bidder online directly through Net Banking with the available Banks at e-GRAS e-Payment Gateway.

6. **Payment of e-Service Fee:-** E-Service Fee payment shall be made separately by the interested bidders/ contractors online directly through Net Banking Account.
7. **Payment of EMD:-** The payment of EMD can be made through Net Banking or RTGS/ NEFT as per details at Para-3 above. In this regard please refer to 'Online Payment Guideline' available at the link: <https://etenders.hry.nic.in>
8. Intending bidders will be mandatorily required to sign-up online (create user account) on the website <https://etenders.hry.nic.in> to be eligible to participate in the e-Tender. In case the intended bidder fails to pay EMD fee under the stipulated time frame, he/she shall not be allowed to submit his/ her bids for the respective event/ Tenders.
9. In case of payment of EMD through RTGS/ NEFT, the interested bidders must remit the funds at least T+1 working day (Transaction + One Day) in advance i.e. on or before **22.07.2020** upto 2.00 P.M; and make payment via RTGS/NEFT 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>
10. However, the details of the EMD, Tender document Fee & E - Service Fee are required to be filled/ provided at the time of online Bid Preparation.
11. Online Technical Envelope—Reference details of the Earnest Money Deposit, Tender Document Fee & e - Service Fee instrument and scanned copies of supporting documents and QR/technical criteria with proper index and page numbering on all the documents have to be provided as per **Annexure-IA** of this document.
12. If the tenders are cancelled or recalled on any grounds, the Tender Document Fee and e-Service Fee will not be refunded to the bidder.

B. Brief Description of item/work

Sr. No.	Description of Item/Work	Quantity in sq.mtr	Place of Delivery
1	Supply fabrication and installation of Self Supported Arch shaped Galvalume sheet roofing 1.09 mm total coated thickness (TCT) of Galvalume, as per design, drawings and specifications approved by Hafed for various food godowns to be constructed at 16 stations in Haryana for an estimated capacity of 272726 MTs.	177272 (Approx. value Rs. 23 Crores)	16 Districts in Haryana

The detailed technical specifications/ description of the above stores are available at **Annexure-I** of this document.

C. Specific Terms & Condition/ Eligibility Criteria, Technical & Financial Criteria related to above Store:-

1. **Payment terms:-** HAFED will not make any advance payment of any kind to the contractor. The bill with respect to five completed work sites shall be raised and approved as one bill as per the following:-
 - (a) After satisfactory completion of the erection of self supported Galvalume sheet roofing, the Hafed representative shall check the quality of work and certify the measurements and the bills raised. The submitted bills shall be certified by the concerned Hafed representative within 15 days from the date of satisfactory completion of work and the subsequent submission of bills. Thereafter, HAFED shall pay the amount certified within 30 days from the date of issuance of the aforesaid certificate of payment to contractor.
 - (b) All statutory deductions shall be made from the bills of the contractor as per the extant laws, Acts in force or made applicable during the execution of this work shall also be deducted from the bills of payment.
 - (c) All statutory Govt. liabilities / taxes / charges levied shall be borne by the contractor. Further, any taxes imposed by any authority shall be borne by the contractor.
2. **ELIGIBILITY CRITERIA:-** For determining the eligibility of Bidder the following shall apply:-
 - (i) The interested Bidder shall mean a Company/ Firm/ Corporation, registered under relevant Act, in India.
 - (ii) The interested Bidder should have an experience of 7 (seven) years as on 31st March, 2020 in execution of similar type of work i.e. supply, fabrication and installation of self supported arch shaped Galvalume sheet roofing.
 - (iii) The interested Bidder shall provide proof of such executions orders, completion certificates and balance sheets duly certified by a qualified Chartered Accountant for the last seven financial years.
 - (iv) The interested Bidder shall have the valid authorization certificate from the original galvalume sheet manufacturer to undertake the work based on an assured supply of Galvalume sheets during the project period for the required quantity.
 - (v) The interested Civil Contractors who has not executed work of self supported Galvalume sheet roofing shall submit the EMD of Rs.2.30 crores i.e. 10% of the total estimated cost of Rs.23 Crores. The EMD should be deposited in the shape of Demand Draft in favour of Director, Supplies & Disposals, Haryana. The offer without EMD shall not be considered and rejected straightway.
 - (vi) The Civil Contractor shall upload the scanned copy of demand draft on online portal alongwith Technical Bid and shall also submit the physical copy of Demand Draft at the time of submission of

Physical/Hardcopy of technical bid documents before the due date and time of submission of technical bid failing which the offer shall not be considered and rejected straightway.

The documentary proof of the above must be submitted with the eligibility documents (alongwith Technical Bid).

3. TECHNICAL CRITERIA:-

(i) The interested Bidder should have the experience of having successfully completed similar works during the last 7 years ending on 31st March, 2020 and should have one of the following:

a) Three similar completed works each costing not less than the amount equal to 25% of total estimated cost i.e. Rs.6 crores.

OR

b) Two similar completed works each costing not less than the amount equal to 33.3% of total estimated cost i.e. Rs. 8 crores.

OR

c) One similar completed work costing not less than the amount equal to 50% of total estimated cost i.e. Rs. 12 crores.

(ii) The interested Bidders must also submit a warranty certificate for a period of a minimum of 10 years from the original GALVALUME Sheet Manufacturer.

The documentary proof of the above must be submitted with the Technical Bid.

4. FINANCIAL CRITERIA :- For the purpose of Bidding, Bidder shall fulfill the following minimum criteria:-

a) The average annual turnover during the last 3 (three) financial years ending on 31st March 2020 should be Rs. 8 crore along with C.A. Certificate.

b) The interested Company/ Firm/ Corporation shall be financially sound and in profit as per the last three audited annual accounts.

The bidder shall submit the supporting documents to the above alongwith Technical bid.

5. Time limit for completion of work:- A maximum of 120 days shall be allowed for installation and completion of the Galvalume sheet roofing. This time period shall commence from the date of issue of the work order.

6. PERFORMANCE SECURITY:- The 80% amount of performance security will be released after the completion of the defect liability period i.e. 3 years at all sites. The balance 20% amount of performance

security will be released on the completion of the warranty period of 10 years.

7. **PENALTIES:** The contractor shall execute the allotted work within 120 days from the date of issuance of the work order failing which Hafed shall levy the penalty as per the relevant provisions of the Haryana PWD Code and the terms and conditions of the Contract”.

Note: The format of the Technical Bid/ Index for the Technical Bid Documents will be as per Annexure-IA of this document and the bidders are requested to upload their Technical Bids on the Portal with index as provided in Annexure-IA.

In case of non submission of required Eligibility Documents as at Annexure-IA, the bid of the firm will not be considered and no further chance will be given for the submission of these documents. However, clarification, if any, of already submitted documents may be obtained in case required as per the rules.

- D. **Standard Terms and Conditions** (wherever applicable these terms & conditions will overrule the specific terms and conditions as at Para ‘C’ above):-

1. All the annexure from ‘Annexure-III to XII’ including ‘Schedule-B of Supply’ are part of this DNIT and are available as ‘Tender Forms’ at Link http://dsndharyana.gov.in/Portals/0/documents/Tender%20Forms%20DSnD_11042019.zip?ver=2019-06-20-103057-847 or the same can be downloaded from home page of <http://dsndharyana.gov.in/en-us/> under ‘Downloads’ > ‘Tender Form’.

2. **Procurement of Stores through Rate Contract System:-**

Where ever Government considers expedient that more than one supplier/ manufacturers should be kept on rate contract, it may so decide on case to case basis subject to conditions available at Annexure ‘III’.

3. **EMD:-**

The firms are required to deposit Earnest Money as indicated above failing which the tenders are liable to be rejected. Manufacturing Micro & Small Enterprises (MSEs) of the State, Central or Haryana Public Sector Enterprises, “approved sources” as declared by the Industries Department, Haryana, and Startups/First Generation Entrepreneurs are exempt from the deposit of EMD. The condition at Sr. No. 7 of “Instructions to Tenderers of the TENDER FORM” shall be deemed to be amended to this extent as per provisions contained at Para 13(i)(ii) of G.O. No.2/2/2010-4I-BII of dated 28.05.2010 and Para no 3(A)(ii) of G.O. No. 2/2/2016-4I BII (1) of dated 20.10.2016 (or as amended from time to time in this regard)

The condition at Sr. No. 6 of Annexure “A” - “Conditions with TENDER FORM” shall be deemed to be cancelled. (amendments with effect from may 28, 2010)

4. Performance Security:

The successful tenderer shall be required to deposit Performance Security Deposit as per provisions contained in Govt. of Haryana G.O. No. 2/2/2016-4I BII(2) dated 20-10-2016 as under:-

Sr. No.	Type of Firm/Enterprises	Value of Performance Security Deposit
1	Haryana based firms:- (i) # Haryana Based Micro and Small Enterprises (MSEs) (ii) Haryana based other firms/enterprises	(i) @0.2% of the order value or estimated value of Rate Contract (where maximum value of rate contract (RC) is indicated, it will be on the basis of the same) (ii) @2% of the order value or estimated value of Rate Contract (where maximum value of rate contract (RC) is indicated, it will be on the basis of the same)
2	Other States/ UTs based firms	@5% of the order value or estimated value of Rate Contract (where maximum value of rate contract (RC) is indicated, it will be on the basis of the same)
<i># Haryana based MSEs will be eligible for performance security deposit @ 0.2% who have filed Entrepreneurs Memorandum (Micro or Small Enterprise category) in the Industries Department Haryana and who participate directly in the tendered/quoted items and offering to supply the entire quoted quantity manufactured from their own Haryana based unit.</i>		

The performance security in excess of the EMD already deposited can be submitted in the shape of Demand Draft/Call Deposit Receipt/Banker's Cheque or in the shape of equivalent Bank Guarantee of any scheduled bank with branch in Chandigarh/ Panchkula. The condition at Sr. No. 8 of "Instructions to Tenderers of the TENDER FORM" shall be deemed to be amended to this extent as per provisions contained G.O. No. 2/2/2016-4I II(2) dated 20-10-2016 as at Annexure IV (or as amended from time to time in this regard)

5. Price Fall Clause:

Price fall clause will be as per condition no. 15 of "General Conditions of Supply" as available at Annexure-V. The same is that the price quoted in the tender/quotation or approved in the Rate Contract for the stores shall not exceed in any way the lowest price at which the tenderer quote for the supply the stores of identical description to DGS&D, New Delhi/ State Government Institutions/Undertakings/any other person during the delivery period/currency period of the rate contract. If, at any time during the delivery period/currency period, the successful tenderer reduces the rates/sale price of the quoted stores to any person at the price lower than the price chargeable under the supply order/ rate contract, the tenderers should forthwith notify such reduction and inform this office and the price

payable under the supply order/ contract for the stores supplied after the date of coming into force of such reduction of the rates shall stand correspondingly reduced to that level. The successful tenderers shall promptly notify the reduction of rates to this office as well as to the concerned Indenting Officer/ Consignees. The tenderer shall also give a certificate on their bills that the rates charged by them are not in any way higher to those quoted by them to the DGS&D, New Delhi and other State Government etc., during the corresponding period. The Indenting Officer shall be required to ensure that requisite certificate is given by the concerned firm on the bills before releasing their payments.

6. **Penalty to firm on Delay in delivery:** Should the contractor fail to deliver or dispatch any consignment within the period prescribed for such delivery or dispatch stipulated in the supply order, the delayed consignment will be subject to 2% penalty per consignment per month recoverable on the value of the stores supplied. The other details will be as per provision contained in Sr. No. 14 of "Schedule- 'B' Condition of Contract".
7. The bidders are required to quote the basic rates, the delivery/ transportation costs/ applicable GST and duties etc, and the place of billing for the supply of stores clearly and separately. The bidders are required to intimate the place of billing.
8. **Penalty Clause for Department/ Govt. Agencies for delay in Payment**
Delay in payments to the suppliers beyond the stipulated credit period indicated in the supply order, unless supported by cogent reasons and approved by a higher authority, will attract penal interest on the defaulting amount @ Rs. 25/- per rupees one lakh per day of delay beyond the stipulated credit period. Non provision of adequate budget will be no ground for delay in payments to the supplier. This is as per provisions contained at Para 17 of G.O. No.2/2/2010-4I-BII of dated 28.05.2010 (or as amended from time to time in this regard).
9. **Negotiation of Rates**
Regarding negotiations of rates, policy issued by the State Government vide G.O. No.2/2/2010-4-IB-II dated 18.06.2013 (**Annexure-VI**), G.O. No.2/2/2010-4-IB-II dated 16.06.2014 (**Annexure-VII**), G.O. No.2/2/2010-4-IB-II dated 09.02.2015 (**Annexure-VIII**) will be applicable.
10. **Concession to MSMEs of State:**
The State Government has notified "Haryana State Public Procurement Policy for MSME -2016" vide G.O. No. 2/2/2016-4I BII(1) dated 20-10-2016 (**Annexure-IX**) and amendment vide G.O. No. 2/2/2016-4IB-II dated **11.12.2019** (**Annexure-X**) which will be applicable in respect of concessions to Haryana based MSMEs and KVIs. For claiming the relevant concession/s like Tender Fee, Earnest Money Deposit (EMD), Turnover, Exemption in respect of Past Performance & Experience, Purchase Preference and Performance Security, the bidders are required to submit the documentary proof from Government authorities showing that they come under Haryana based manufacturing MSME/KVI units as the case may be e.g. *Entrepreneurs Memoranda/Aadhaar in Haryana in bidder's name and further subject to fulfillment of eligibility criteria as provided in the said Policy of 2016.
11. **Concession/benefits to Startups/First Generation Entrepreneurs of State:**

The State Government has notified “Concession/benefits in Public Procurement to Startups/First Generation Entrepreneurs of State” issued vide G.O. No. 2/2/2016-4I B-II dated 03.01.2019 (**Annexure-XII**) which will be applicable in respect of concessions to Startups/First Generation Entrepreneurs of State. For claiming the relevant concession/s like Tender Fee, Earnest Money Deposit (EMD), Turnover, Exemption in respect of Past Performance & Experience, Purchase Preference and Performance Security, the bidders are required to submit the documentary proof as per the said policy.

12. In case of evidence of cartel formation by the bidder(s), the EMD is liable to be forfeited along with other actions as are permissible to Government like filing complaints with the Competition Commission of India and/ or other appropriate forums.

13. Purchase Preferences for approved Sources

The Director, Supplies & Disposals, Haryana, reserves the right to allow purchase preference to the approved sources, including Central or Haryana State Public Sector Undertakings/Enterprises, provided that such approved source takes part in the bidding process and the quoted prices of the approved source is within 10% of the lowest acceptable price, other things being equal. However, such purchase preference would be available to the approved source only at the lowest acceptable price. The latest list of Approved Source is contained in Government Order no. 6/03/2007-4IB-II dated: 14-02-2008 of the Industries Department and is subject to further amendment from time to time.

14. Penalty clause for rejected samples/ material offered by the Bidder:

In case, the material offered for inspection by the firm fails to meet the specifications stipulated in NIT/Order/Contract and the samples are rejected by the Inspecting Committee, the Indenting Department will have the right to levy a penalty at 0.1% of the total order value. In case, the material offered for inspection fails during the 2nd inspection also, the Indenting Department will have the right to increase the penalty to 0.25% of the total order value. In case, the material offered fails during the 3rd and final inspection also, the firm will be liable for penal action including forfeiture of security, risk purchase, debarring/ blacklisting in future, and no further opportunity for inspection would be provided to the supplier firm.

15. Grievance Redressal Mechanism for dealing with the representations/ complaints/ letters of the participating bidders/ firms:

A time bound Grievance Redressal Mechanism for dealing with the representations/ complaints/ letters of the participating bidders/ firms in the tendering process in the State Public Procurement will be governed by State Government Policy issued vide G.O No.2/2/2016-4I-B II of dated 25.07.2016 (**Annexure-XI**). All the bidders/ firms who want to make any representation/ complaint against any issue related to their technical scrutiny of the bids may do the same within 5 working days (up to 05:00 P.M. of the Fifth Working day) of the date of issue of letter/ intimation regarding their **As per NIT/ Not as per NIT status**. They have to ensure that their communication is delivered/ reached within 5 working days and delay in postal will not be counted as a valid reason. No representation/ complaint in whatsoever manner from the bidders/ firms will be entertained after the opening of Financial Bid.

16. Arbitration Clause

The Arbitration if any will be decided as per the provision contained at Sr. No.18 of "Schedule 'B' Conditions of Contract"

17. Jurisdiction

All disputes will be settled within the jurisdiction of the Head Quarters of Director, Supplies & Disposals, Haryana at Panchkula

E. OTHER TERMS AND CONDITIONS:-

1. The firms are required to mention bifurcation of their rates showing the detail of Basic Rates, GST, Duties etc. in their bid. In case, the supplies are delayed by the firm beyond the stipulated delivery period & there has been any upward revision in the rates of GST/ Duties ON THE CONTRACTED ITEM, no such increase will be allowed. However, if there has been any reduction in GST/Duties, the same will be availed. No variation in GST/ Duties on raw material will be applicable.
2. All documents to be submitted by the tenderers with their offer should be self attested in case the same are copies of original documents.
3. The Earnest money of the tenderers will be forfeited to Govt. account and blacklisting/ debarring besides other penal action, if they withdraw their offer/ rates or modify the terms & conditions of the same at any time during the validity of their offer before acceptance.
4. The authorized dealer should submit authority letter of their manufacturer, to quote the rates on their behalf failing which tender is liable to be rejected.
5. When manufacturer as well as its dealer/s both quote the rates in the same purchase case, then for the purpose of distribution of order, they will be considered as one offer & the order/rate contract will be placed on that firm only which has quoted lower rates among such offers & the offer is as per NIT.
6. The Bid i.e. Technical Bid as well as Financial Bid is to be submitted online on web portal <https://etenders.gov.in/eprocure/app>. The Technical Bids uploaded on the portal should have proper indexing and page numbering on all the documents forming the Technical bid. However, the firms have option to submit the supporting documents as required to be supported along with Technical Bid either in on-line mode along with their Technical Bids or in offline mode in physical form to the office of DS&D by due date and time. In case supporting documents are to be supplied in physical mode, then it should be so specified in their Technical Bid and the supporting document must be deposited in the office of Supplies & Disposals, Haryana before the due date & time of opening of Technical Bids.
7. The Financial bid/s of only those bidders/ items will be opened who qualify on the basis of their Technical Bids. The date & time of opening of the Financial bids will be intimated in the due course.

8. The offer without prescribed earnest Money, tender Fee & E-Service fee is liable to be summarily rejected. The deficiency in the remaining documents and tender requirement can be made subject to the rules in this regard and decision by Director, Supplies & Disposals, Haryana, Panchkula
9. The quantity of Stores can be increased or decreased.
10. Notwithstanding anything contained in the Tender, Supplies & Disposals Department Haryana reserves the right to accept or reject any Bid, and to cancel the bid process and reject the Tender, at any time, without thereby incurring any liability to the affected Bidder or Bidders and without any obligation to inform the participating/affected Bidder (s) the reason for such decision.
11. Other terms & conditions as contained in various Annexure/ Documents as available under the folder "TENDER FORMS" as available at the link http://dsndharyana.gov.in/Portals/0/documents/Tender%20Forms%20DSnD_11042019.zip?ver=2019-06-20-103057-847 or the same can be downloaded from home page of <http://dsndharyana.gov.in/en-us/> under 'Downloads' > 'Tender Form' form part of this DNIT.
12. **Instructions to bidder on Electronic Tendering System.**
Registration of bidders on e-Procurement Portal, Information about Digital Certificate, Instructions about Online Payment of Tender Document fee/e-Service Fee/Earnest Money, Important Instructions & Help manual for online bidding and other General issues option available on Home page of NIC e-procurement portal i.e. <https://etenders.hry.nic.in>.

In case bidders need any clarifications or if training required to participate in online tenders they can contact office Timings of Help-desk support & Contract Details:-

The detail may be seen under "Contract US" option available on Home Page of NIC e-Procurement portal i.e. <https://etenders.hry.nic.in>.
For support related to Haryana Tenders in addition to Helpdesk:-

In addition, For support related to Haryana Tenders in addition to helpdesk you may also contract to following:-
E - mail: eproc.nichry@yahoo.com
Desk: 0172-2700275

Assistant Director,
For & on behalf of Governor of Haryana

ANNEXURE-I

The detailed Specifications of the Store items as mentioned in Para B of the Schedule-A/NIT are as under:-

Sr. No.	Detailed specifications & Scope of Work
1	<p>Supply fabrication and installation of self Supported Arch shaped Galvalume sheet roofing 1.09 mm total coated thickness (TCT) of Galvalume, as per design, drawings and specifications approved by Hafed for various food godowns to be constructed in Haryana at following locations for an estimated capacity of 272726 MTs:-</p> <ol style="list-style-type: none"> 1. Panniwala Mota (Sirsa) 2. Kharia (Sirsa) 3. Haboli (Fatehabad) 4. Bhuna (Fatehabad) 5. Hisar 6. Barwala (Hisar) 7. Uklana (Hisar) 8. Seqli (Palwal) 9. Bawani Khera(Bhiwani) 10. Kohlawas (Bhiwani) 11. Nissing (Karnal) 12. Indri (Karnal) 13. Manchuri (Karnal) 14. Nasirpur (Ambala) 15. Ladwa (Kurukshetra) 16. Ajrana Kalan (Kurukshetra) <p>Quantity =177272 Sq mtrs, Rates to be quoted on per Sq. meter basis</p> <p>The work shall include installing of turbo ventilators fasteners, light hangers, translucent sheets for skylights, complete in all respects giving leakage proof/water tight godowns for food grain storage.</p> <p>(A) SPECIFICATIONS:-</p> <ol style="list-style-type: none"> 1. (i) The product galvalume used for sheet roofing has already found recognition by Food Corporation of India vide circular No.E-4(74)/PEG-09/DCP/Stg.IV/Raj/Pt.II dated 17.05.2012. (ii) The roofing system should be designed to withstand the wind load (as per IS:875 Part-3) and Earthquake load (as per IS:893). (iii) The design should also comply with all relevant BIS codes. (iv) The steel sheet shall be 914 mm wide (Tolerance +/- 2 mm) having minimum thickness 1.09mm (Tolerance +/- 0.02 mm). The minimum yield strength of the steel sheet should be 350 MPa. The steel sheet should be alloy coated on both sides as per following standards:- <ol style="list-style-type: none"> a) The alloy coating on the steel sheet should be of 55% Aluminium, 43.4% Zinc and 1.6% Silicon by the Hot Dip-Process.

	<p>b) The minimum thickness of coating shall be 25 microns on outer surface and 12 microns on the inner surface.</p> <p>c) The thickness of the coated steel should not be less than 1.09 mm including BMT, alloy coating and priming / paint coating.</p>
2.	The Steel sheet shall be 3'-0" (914MM) width (tolerance +/- 2.00MM) which shall be curved and moulded at site using mechanical press and dies to the desired curves and shape to form 2'-0" (605MM) approximate wide interlocking panels. These panels shall be erected in position and their seams shall be interlocked and pressed to close the seam forming a water tight joint. Minor color chipping/ scratching should be rectified by applying Epoxy lacquer. Necessary arrangement for it including the supply and installation of fasteners at the end will be there in the scope of the contractor.
3.	The installation should be done by mechanized methods. The contractor must mobilize the required number of Hydras for transportation of sheets and Cranes for the erection of Seamed Sheets.
4.	Adequate precaution shall be taken by the contractor during the installation process for the safety of workers. Safety belts, helmets and other safety equipments for the execution of job must be used, wherever required. Works in height panel installation process shall not be carried out in case of wind velocity at site location is above 22 K.M. per hour.
5.	The proof checked design and drawings for the arch shaped roof from an approved Structural Engineer must be submitted within 15 days for each of the work sites to Hafed for approval from the date of issuance of the work order and the competent authority shall approve the same within 10 days of submission of the same.
6.	The Galvalume sheet supplied and installed must have the name and trademark of the OEM embossed at a reasonable and regular interval on every coil supplied at site. OR the Galvalue sheet supplied and installed must have the name and trademark of the OEM printed with ink jet with the following manner/ sequence: Number of Indian Standard, Steel grade, Coating class, Class of durability of paint coating.
(B)	The GALVALUME sheet coils to comply with the following specifications:
(1)	Technical Details
<input type="checkbox"/>	Standard - Color Coated GALVALUME Steel complying to ASTM- A792
<input type="checkbox"/>	Base Metal Thickness - 1.00MM (Tolerance as +/- 0.02mm)
<input type="checkbox"/>	Alloy Coating - AZ 150 (Aluminum 55%, Zinc 43.4%, Silicon 1.6%)
<input type="checkbox"/>	Yield Tensile Strength - 350 MPA as recommended in ASTM- A792
<input type="checkbox"/>	Paint Coating - Regular Modified Polyester/ Super Durable Polyester Top Coat 25 Micron & Bottom Coat 12 Microns epoxy.
(2)	Color: Top color : Combination of Blue and Off White, Bottom color : Grey
(3)	INSPECTION & TESTING Once the material is received by the successful Bidder/Contractor at site, the same will be inspected by the inspection team of HAFED and random samples

shall be drawn from the same. Before the sheets are used for roofing at site, these samples will be tested at reputed laboratories decided by HAFED primarily for the followings:

- ☐ Thickness
- ☐ Coating Mass (AZ 150) i.e. 150 gms/m²- both sides.
- ☐ Yield Tensile Strength

Charges for the same, shall be borne by the contractor. Besides the above, the contractor shall also require submitting the material test report from the OEM of the Galvalume steel for each steel coil received at the work sites. The number of coils shall be tested as per below mentioned instructions:-

- Upto 10 coils : 1 Sample
- 10-20 coils : 2 Samples
- 20-40 coils : 3 samples.
- 40-60 coils : 4 samples & so on

(4) FIXTURES:

- (i) Fixtures like anchors, fasteners, standard light hangers, turbo ventilators, and skylights must be designed as per the requirement of the HAFED.
- (ii) Each compartment of a Godown to have a combination of Turbo Ventilators (Aluminum) of size 24 inches with a capacity of 2200 CFM, at 30' intervals with a Skylight of 2mm thick Polycarbonate sheet of size 2Ft x14Ft of BIS/IS specification. The contractor shall also make provisions for hangers and clamps, etc. for providing light fixtures in the roof, wherever necessary.

The Technical specification/ standards of turbo ventilators are mentioned below:-

Central dial of vanes	28 Inch (710mm)
Neck/Throat Diameter	21 Inch (530mm)
No. of vanes (Blades)	36 Inch Vanes
Height	19 Inch (480mm)
Capacity at 25 ft height	1850 CFM
Base ring	Stainless steel
Top Cover	Stainless steel
Top plate MOC (material of construction)	Aluminum 1mm thickness Alloy 8011 H2
Vanes MOC	Aluminum 0.635 mm thickness
Bottom ring	Aluminum 1.27 mm thickness
Rotation	Pivot bush support without bearing
Pointer MOC	10mm dia N-8 with Electroplating

Center shaft	Derline black (hardest PTE grade)
Inner Arms	M.S. 20mm with Electroplating
Outer Arms	M.S. 20mm dia with Electroplating
Center Pipe	M.S. 20mm with Electroplating
Net weight	5.8 Kgs. (Approx.)
PRP Ventury Dome (Fiber reinforced plastic)	Chopped Strand Mat reinforced with Polyester Resin (1.5mm thickness)
Miscellaneous items like nut, bolt, washer etc.	MS with Electroplating or zinc plating or Galvanized
Quantity	30' Centre to Centre

TERMS AND CONDITIONS:

(1) STANDARDS:

The contractor shall ensure that the Galvalume sheets supplied and installed shall comply with the FCI Guidelines for Galvalume sheet roofing. The relevant provisions of the Haryana PWD Code shall also be applicable.

(2) SYNCHRONIZATION OF JOB:

The contractor to whom the contract for installing the Galvalume sheet roofing is awarded shall coordinate with the concerned civil contractor for proper liaison during the various stages of the installation work.

(3) SCOPE OF WORK:

The scope of work shall include:

- (a) Supply, fabrication and installation of self supported Arch Shaped Galvalume sheet roofing including fasteners, turbo ventilators, translucent sheets for skylights, fabrication and installation complete in all respect giving leakage proof/ water tight godown for foodgrain storage as per specifications.
- (b) Supply and installation of Complete Accessories i.e. Light Hangers, turbo ventilators, and skylights on the roof installed at each site.
- (c) The defect liability period shall be 3 years after completion of work, which shall include:
 - (i) Free replacement and repair of each and every part within 72 hours of reporting by the concerned authority.
 - (ii). Checking and fixing of the fasteners to ensure that these are in order.
 - (iii). To check the seaming in between the sheets.
 - (iv). To repair the cracks wherever required.

	<p>(v) The coats of epoxy wherever required.</p> <p>(vi). All the leakages through the roofing should be arrested. Any damages observed during this period should be rectified immediately. If the contractor does not attend the complaint within 72 Hours, the work shall be carried out at his risk and costs.</p> <p>(vii) The entire roofing work shall be checked every quarter by the contractor i.e. in the 1st week of January, April, July and October and a certificate shall be issued by the sheet roofing contractor that the Galvalume sheets installed by them are in order.</p> <p>(viii) Besides above, the sheets shall be cleaned with jet of water and detergent (if required) in every six months to remove dirt/ dust over them.</p> <p>d) The quantum of work may increase or decrease as per site requirement and the guidelines prescribed in PWD code will prevail in this regard.</p> <p>e) The required materials for erection of the arch shaped galvalume sheet roofing, power supply AC/DC, any miscellaneous items and labour shall be borne by the contractor. No extra payment shall be made by the HAFED.</p> <p>f) No extra charges shall be paid over and above the rates quoted in the bid. Charges for transportation, usage of any machinery and equipments, labour and other overheads expenses, etc. shall be the liability of the contractor.</p> <p>g) The interested Bidders must also submit a un-conditional on site warranty certificate for a period of a minimum of 10 years from the original GALVALUME Sheet Manufacturer for the Galvalume Sheet roofing installed.</p> <p>(4) SOURCE OF GALVALUME SHEETS;</p> <p>All interested Bidders must supply Galvalume sheets sourced from the original Galvalume licensee currently producing 55% Al-Zn Galvalume Coated Steel. The complete list of Galvalume Licensees is available at www.galvalume.com</p>
--	---

Assistant Director,
For & on behalf of Governor of Haryana

Annexure-IA

Technical Bid format/ Index for the Technical Bid documents

Sr. No.	Name of the document	Status of submission (Yes/ No)	Page Number as per numbering given to the technical bid documents uploaded on the portal
1.	Submission of online payments i.e. Earnest Money Deposit, Tender Document Fee & e - Service Fee and scanned copies of supporting documents.	Yes/ No	
2.	Affidavit on non judicial Stamp Paper duly certified by the Notary stating that the bidder has not been blacklisted/ debarred by any Government or procuring entity.	Yes/ No	
3	All the documents submitted by the bidder as part of its Technical Bid are attested by the signing authority of the bidder.	Yes/ No	
4.	An undertaking by the bidding firm in reference to acceptance of all the terms & conditions of the Schedule-A/ DNIT	Yes/ No	
5	<p>Eligibility criteria documents as per DNIT requirement mentioned as under:-</p> <p>(i) The interested Bidder shall mean a Company/ Firm/ Corporation, registered under relevant Act, in India.</p> <p>(ii) The interested Bidder should have an experience of 7 (seven) years as on 31st March, 2020 in execution of similar type of work i.e. supply, fabrication and installation of self supported arch shaped Galvalume sheet roofing.</p> <p>(iii) The interested Bidder shall provide proof of such executions orders, completion certificates and balance sheets duly certified by a qualified Chartered Accountant for the last seven financial years.</p> <p>(iv) The interested Bidder shall have the valid authorization certificate from the original galvalume sheet manufacturer to undertake</p>	Yes/ No	

	<p>the work based on an assured supply of Galvalume sheets during the project period for the required quantity.</p> <p>(v) The interested Civil Contractors who has not executed work of self supported Galvalume sheet roofing shall submit the EMD of Rs.2.30 crores i.e. 10% of the total estimated cost of Rs.23 Crores. The EMD should be deposited in the shape of Demand Draft in favour of Director, Supplies & Disposals, Haryana. The offer without EMD shall not be considered and rejected straightway.</p> <p>(vi) The Civil Contractor shall upload the scanned copy of demand draft on online portal alongwith Technical Bid and shall also submit the physical copy of Demand Draft at the time of submission of Physical/Hardcopy of technical bid documents before the due date and time of submission of technical bid failing which the offer shall not be considered and rejected straightway.</p> <p>The documentary proof of the above must be submitted with the Technical Bid.</p>		
6	<p>Technical criteria documents as per DNIT requirement mentioned as under:-</p> <p>(i) The interested Bidder should have the experience of having successfully completed similar works during the last 7 years ending on 31st March, 2020 and should have one of the following:</p> <p>a) Three similar completed works each costing not less than the amount equal to 25% of total estimated cost i.e. Rs.6 crores.</p> <p style="text-align: center;">OR</p> <p>b) Two similar completed works each costing not less than the amount equal to 33.3% of total estimated cost i.e. Rs. 8 crores.</p> <p style="text-align: center;">OR</p>	Yes/ No	

	<p>c) One similar completed work costing not less than the amount equal to 50% of total estimated cost i.e. Rs. 12 crores.</p> <p>(ii) The interested Bidders must also submit a warranty certificate for a period of a minimum of 10 years from the original GALVALUME Sheet Manufacturer.</p> <p>The documentary proof of the above must be submitted with the Technical Bid.</p>		
7	<p>Financial criteria documents as per DNIT requirement mentioned as under:-</p> <p>i) The average annual turnover during the last 3 (three) financial years ending on 31st March 2020 should be Rs. 8 crore along with C.A. certificate.</p> <p>ii) The interested Company/ Firm/ Corporation shall be financially sound and in profit as per the last three audited annual accounts.</p> <p>The bidder shall submit the supporting documents to be above alongwith the Technical Bid.</p>	Yes/ No	