



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

CORPORATE OFFICE, SECTOR 5, PANCHKULA HARYANA (INDIA)

TEL: 2590520-24, FAX: 2590711 E.Mail: hafed@hry.nic.in

Web-site: www.hafed.gov.in



No. Hafed/EE(HQ)/Drg./534

Dated: 01.05.2020

NOTICE INVITING PRE-BID CONSULTATION MEETING

Hafed has invited a Pre-bid consultation meeting for finalization of Technical Criteria, Eligibility Criteria, Financial Criteria, Specifications and other terms and conditions for preparing the tender for Supply, Fabrication and Installation of Self Supported Arch Shaped Galvalume Sheet Roofing on Godowns of 272726 MT capacity at 16 No. different locations in the state of Haryana. This Pre-bid meeting consultation will held on 18.05.2020 at 11:30 AM at Conference Hall, Hafed Corporate office, Sector-5, Panchkula

The interested parties may join video conferencing, for which the interested parties may send their request through their official e-mail to **hafed@hry.nic.in** and the link for the same will be send to them timely before pre bid meeting consultation date.

**MANAGING DIRECTOR,
HAFED, PANCHKULA**

Sr. no.	Name of work	Total Area (in Sq.Mtr)
1	<p>Supply, fabrication and installation of Self Supported Arch Shaped Galvalume Sheet Roofing 1.09mm 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 the following locations for an estimated capacity of 272726 MTs:</p> <ol style="list-style-type: none"> 1. Panniwala Mota - 20000 MT 2. Kharia - 10000 MT 3. Haboli Rania - 10000 MT 4. Bhuna - 37514 MT 5. Hisar - 15000 MT 6. Barwala - 7000 MT 7. Uklana - 15000 MT 8. Sevli - 20000 MT 9. Bawani Khera - 11260 MT 10. Kohlawas - 12525 MT 11. Nissing - 22950 MT 12. Indri - 25047 MT 13. Manchuri - 25850 MT 14. Nasirpur - 18900 MT 15. Ladwa - 10000 MT 16. Ajrana Kalan - <u>11680 MT</u> <p style="text-align: right;">Total - <u>272726 MT</u></p> <p>Note: 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 foodgrain storage.</p>	177272.00

A). 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.

The documentary proof of the above must be submitted with the eligibility documents.

(B) TECHNICAL CRITERIA

- (i) The interested Bidder should have the experience of having successfully completed similar works during the last 7 years ending last day of month previous to the one in which applications are invited and should have one of the following:

- a) Three similar completed works each costing not less than the amount equal to Rs.10 crores.
OR
 - b) Two similar completed works each costing not less than the amount equal to Rs. 12 crores.
OR
 - c) One similar completed work costing not less than the amount equal to Rs.19 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.

(C) FINANCIAL CRITERIA.

For the purpose of Bidding, Bidder shall fulfil the following minimum criteria:-

- a) The average annual turnover during the last 7 (seven) financial years ending on 31st March 2020 should be Rs. 8 crore.
- b) The interested Company/ Firm/ Corporation shall be financially sound and in profit as per the last three audited annual accounts.

(D). SPECIFICATIONS.

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:-
 - 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.
 - b) The minimum thickness of coating shall be 25 microns on outer surface and 12 microns on the inner surface.
 - c) The thickness of the coated steel should not be less than 1.09 mm including BMT, alloy coating and priming / paint coating.
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.

(E) The GALVALUME sheet coils to comply with the following specifications:

(1) Technical Details

- ☐ Standard – Color Coated GALVALUME Steel complying to ASTM A792
- ☐ Base Metal Thickness – 1.00MM (Tolerance as +/- 0.02mm)
- ☐ Alloy Coating – AZ 150 (Aluminum 55%, Zinc 43.4%, Silicon 1.6%)
- ☐ Yield Tensile Strength – 350 MPA as recommended in ASTM A792
- ☐ Paint Coating – Regular Modified 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 to submit the material test report from the OEM of the Galvalume steel for each steel coil received at the work sites.

(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.

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.
 - (v) The coats of epoxy wherever required.
 - (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.
 - (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.
 - (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.
- 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.
- 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.
- 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.
- 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.

(4) PROSPECTIVE SUPPLIERS:

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

(5) PERFORMANCE SECURITY:

The successful bidder shall furnish a security (5% of the contract value) within 10 days from the date of issuance of allotment letter in the shape of Fixed Deposit Receipt (FDR) in the name of **“The Director, Supplies and Disposals, Haryana, Panchkula”**. 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.

(6). 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.

(7) 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.

(8). 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”.