

National Seeds Corporation Limited
Beej Bhawan, Pusa Complex,
New Delhi-110012

No. 101/Const-BRBN/NSC-Engg/2021-22/-

Dated: 04.06.2021

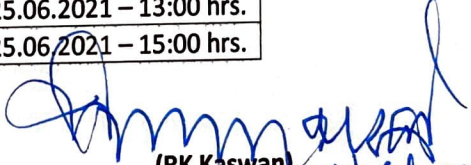
Corrigendum

With reference to **e-tender no. 23548** for **Part-B** providing and fixing of support less roof of galvalume sheet for construction of seed storage Godown size 24x15 Mtr at 32 Locations at Bihar was published on NSC e-Proc Portal i.e. <https://indiaseeds.eproc.in>.

The corrigendum is hereby issued in the specification of the work related to Part-B i.e. P&F of support less galvalume sheet roofing, the changed details is enclosed with this letter and all other terms and conditions remains same as mentioned in the tender document.

Extension of date/time for current e-tender no 23548 which is mentioned below:-

Particulars	Revised Schedule
Tender document end date/time	25.06.2021 – 13:00 hrs.
Closing date and time for submission of online bids	25.06.2021 – 13:00 hrs.
Date and time of opening of technical bid in online mode	25.06.2021 – 15:00 hrs.


(RK Kaswan)
DGM (Engg-Civil) 4/6/2021

Enclose: As above



NATIONAL SEEDS CORPORATION LIMITED

A Govt of India Undertaking- "Mini Ratna" Company
"ISO 9001:2008 & ISO 14001:2004"

H.Schedule for providing and fixing of support less roof of galvalume sheet for godown size of 24.00 x 15.00 Mtr

The roofing system should be designed to with stand the wind load (as per IS 875 part-3) & Earth quake load (As per ISI 893). The design should also comply with any other relevant IS codes.

The steel sheet shall be 3'.0" (914 mm) width (tolerance +/-2mm which shall be curved and molded at site using mechanical press and dies to the desired curves and shape to form 2'.0" (605 mm) approximately wide interlocking panels. these panels shall be erected in position and their seams shall be interlocked 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 including the supply for the installation of fasteners at the end will be there in the scope of the vendor.

The installation should be done by mechanized methods. Vendor has to mobilize required number of Hydra for transportation of sheets and Cranes for the erection of Seamed Sheets.

Adequate precaution shall be taken by the Vendor during the installation process for the safety of their workers. Safety belts, helmets and other safety equipments for the execution of job must be used, wherever required. Working in height panels installation process shall not be carried out in case of wind velocity at site location is above 22 K.M./ Hrs.

The material of galvalume steel shall have the following specifications:

(a) Material

Galvalume sheets with coating of Aluminum, Zinc and Silicon with following percentage:

Aluminum 55%	Alloy Coated High Tensile steel.
Zinc: 43.5%	
Silicon 1.5%	

(b) Technical details

- Standard- color Coated GALVALUME steel complying to ASTM A 792
- Base Metal Thickness -1.00 mm (Tolerance as +/-0.02mm)
- Alloy Coating - AZ 150 (Aluminum 55%,Zinc 43.5%,Silicon 1.5%). It should be ensured.
- Yield strength - 350m
- Paint Coating - Coating Mass of AZ-150 Regular Modified Polyester/Super Durable Polyester i.e. RMP/SDP. Top Coat 25 Micron & Bottom Coat 12 Micron.
- Color pattern - Combination of two colors (Ratio 50% each)

(C) Inspection and testing.

The material will be inspected by the Site Engineer at work site and if required samples shall be drawn from the same. Before the sheet is used for roofing at site, these samples will be tested at a reputed laboratory for the following:

- Thickness - 1.00 mm
- Top coating- 25 micron & bottom coat. 12 micron
- Yield/Tensile Strength 350 m

Charges for the same if any shall be born by the agency/contractor.

Besides this the agency also need to submit the material test report from the steel mill supplier for each steel coil.

(d) Fixtures:- The fixtures like anchor fasteners. Standard Light Hungers. Turbo ventilators, and skylights shall be designed to suit the requirement of NSC Each godowns to have a combination of Turbo Ventilator (Aluminum) of size 24 inches Capacity 2200 CFM, with a Skylight of 2mm .Thick polycarbonate sheet of size 2 foot x 7 foot, to be installed at a distance of 30 foot along the length of the building.

TESTING OF MATERIAL

- Thickness
- Tensile strength
- Coating Mass AZ 150. should be ensured

Testing charges. If any, shall be born by the agency.

STANDARDS:- The Galvalume Steel Suppler shall be ISO certified and shall follow International standard for Galvalume sheet roofing.

Fixture:- The fixtures like fasteners, turbo ventilators translucent sheets shall be designed to suit the requirements of NSC, however electrical fittings and gap filling between the gutter beam and roof sheet is part of construction and electrification work.

Supply & fixing Galvalume sheet roofing 1 mm thick round shape with turbo ventilators (25.00 M X 15.50 M) = 387.50 Sqm x 1.15 = 446 Sqm

ABSTRACT OF COST = 446 SQM @ 1800 Rs./Sqm = 802800/-

[Handwritten Signature]
4/1/2021