

Volume-II

NATIONAL AGRI-FOOD BIOTECHNOLOGY INSTITUTE (NABI)

(Department of Biotechnology,
Ministry of Science and Technology, Govt. of India)
C-127, Industrial Area, Phage 8, SAS Nagar, Mohali, Punjab
Phone: 0172-2290300 Fax: 0172-4604888

FINANCIAL BID DOCUMENT



Providing and fixing of Net shade system and insulation at existing Transgenic House facility at, Sector-81, Mohali

TECHNICAL SPECIFICATIONS

1.0 STANDARD SPECIFICATIONS ISSUED BY CPWD

1.1 Civil Engineering Works

CPWD Specification 2009 Vol. I & II along with latest correction slips. These Specifications have replaced CPWD Specifications 1996 along with Correction Slips issued on them. These Specifications cover all types of Works. The specifications are available as a printed document issued by CPWD and also in soft copy PDF Format in CPWD website.

1.2 Electrical Engineering Works

- (A) CPWD General Specifications for Electrical Works Part I Internal - 2013.
- (B) CPWD General Specifications for Electrical Works Part IV Sub Station – 2013.
- (C) CPWD General Specifications for Electrical Works Part VII D.G. Sets - 2013.
- (D) General Specifications for Heating, Ventilation & Air-Conditioning (HVAC) - 2004

The above specifications shall be read with upto date correction slips (if any).

2.0 STANDARD SPECIFICATIONS ISSUED BY MINISTRY OF SURFACE TRANSPORT

Specifications for Road and Bridge works (Fourth Revision) August 2001 have been published by Indian Road Congress as a priced document. These Specifications cover exhaustively various Road and Bridge works.

WORKMANSHIP FOR THE ENTIRE WORK.

The workmanship shall be best of its kind and shall conform to the specifications, as below or Indian Standard Specifications in every respect or latest trade practices and shall be subject to approval of the Engineer-in- Charge. All materials and/or Workmanship which in the opinion of the Engineer-in- Charge is defective or unsuitable shall be removed immediately from the site and shall be substituted with proper materials and/or workmanship forthwith.

NOTE: In case of any contradiction between the specifications, the contractor shall take the prior approval of the consultant before executing the same at site.

LIST OF MAKES TO BE ADOPTED

S.No	Item	Make
1.	Cement	J K Lakshmi/ ACC/ Ultratech/ Ambuja
2.	Structural GI section members	Tata/ JSW Jindal/ Apollo
3.	Paint	Asian Paint/ Berger/Garware
4.	Net shade	Netlon, Teflon or equivalent as approved by Engg-in-charge
5.	Aluminium section	Jindal, Hindalco (Indal), Gulf extrusion, Alualpha,

Note:- Any other material make not mentioned shall be ISI marked & got approved from Engg-in-charge

Name of Work:- Providing and fixing of net shade system and insulation at Transgenic House at Sector-81, Mohali

ABSTRACT SHEET

S.NO	PARTICULARS	AMOUNT (In INR)
1	ESTIMATED COST	Rs. 4,10,474.00
2	PERCENTAGE (% AGE) QUOTE + - BY BIDDER ON ESTIMATED COST (IN FIGURES)	
3	PERCENTAGE (% AGE) QUOTE + - BY BIDDER ON ESTIMATED COST (IN WORDS)	
4	NET AMOUNT AFTER UN- CONDITIONAL PERCENTAGE REBATE OR QUOTE ABOVE ESTIMATED VALUE ((IN FIGURES)	
5	NET AMOUNT AFTER UN- CONDITIONAL PERCENTAGE REBATE OR QUOTE ABOVE ESTIMATED VALUE ((IN WORDS)	
6	UN-CONDITIONAL REBATE, IF ANY	

Stamp & Signatures of bidder

Schedule-A

BILL OF QUANTITIES

S.No	Description of Item	Unit	Qty	Rate	Amount
1/NS	Supplying & fixing thermal insulation 20 mm thick closed cell, crossed linked polythene foam of thermal conductivity not exceeding 0.037.00 W/MOK at an average temperature of 250 C with aluminium strips , adhesive etc as specified/directed at site.(Rate for aluminium strips to be paid separately).	sft	975.0	80	78000.00
2/DSR21.1. 2.2	Providing & fixing aluminium work with extruded built up standard tubular sections/appropriate section and other sections of approved make conforming to IS:733 and IS: 1286, fixing with dash fasteners of required dia and size, including necessary fitting 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).				
	anodise aluminium(minimum thickness of powder coating 15micron).	Kg	40	405.9	16236.0
3/NS	Providing and fixing manual net shade 70-75% system as per following scope of work:-				
	A. Providing, fixing rollable single layered net with shade of 70%-75%on roofing, walls having gear box based manual/hand operatedsystem				

	<p>along with GI pipe, aluminium GRP profile with spring etc complete in all aspects. The scope of work includes net shading as mentioned above for 2 nos existing chamber , each comprising of size 33' x 17' in semi-circular shape. The walls, roofing of same are of double walled ploycarbonate sheet along with galvanized steel sections.</p> <p>B. Providing and fixing single layered net with shade of 70-75% on walls, roofing (clipped/fixed) along with needful accessories, clips, GI/Aluminium sections, profiles in the working room, buffer room area of size 20' x 16' .</p> <p>NOTE:-Any other material , if required for proper functioning of net shade system shall be deemed to be included in the rates quoted by bidder. No exclusions of whatsoever nature shall be entertained. Bidder is advised to visit the site before quote of rates.</p>	JOB	Complete job	3,16,240.0	3,16,240.0
	TOTAL AMOUNT				Rs 4,10,476/

Note:-

- The rates quoted should be inclusive of all taxes, profits & overheads etc.
- Bidder is advised to visit the site before submission of bid. No query at later period shall be entertained wrt site conditions.

Stamp & Signature of Contractor