

No: 1951 (13)/2021/NK/TVPM

Office of the Nirmithi Kendra,
B Block, 4th Floor, Civil Station,
Kudappanakunnu, Thiruvananthapuram 43.
Pmnirmithi01@gmail.com, 0471-2732929
25/08/2021

INVITATION OF TENDER (T₃)

District Nirmithi Kendra invites Competitive tender from authorized Firms/Experienced Individual in the form attached herewith for **Wooden works at TSCCC Building Thiruvananthapuram,**

S.No.	PARTICULARS	QTY	UNIT
1	Providing & fixing 19 mm thick BWP grade ply confirming to IS- 710 for Kitchen cupboards/Shelves of size as per drawings, the door shutters also shall be made with 19mm thick BWR ply fixed with autoclose cabinet hinges hinges fixed over vertical ply. Outside vertical exposed surfaces of counter finished and Inside exposed surfaces finished with 1mm thick hot pressed laminate. (only face area to be measured) etc complete, as per the direction of Engineer in Charge	6.893	m ²
2	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). Second class teak wood	0.023	cum
3	Providing and fixing panelled or panelled and glazed shutters for shutters for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer - in-charge. Second class teak wood 35 mm thick shutters	2.88	m ²
4	Providing and fixing factory made uPVC white colour casement/casement cum fixed glazed windows comprising of uPVC multi-chambered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 +/- 0.2mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary	2.25	m ²

	<p>stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately)</p> <p>Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement cum fixed panel window having both end single casement panel, middle fixed panels and at top completely fixed ventilator with S.S friction hinges (350 x 19 x 1.9) made of (big series) frame 67 x 60 mm, sash 67 x 80 mm, & mullion 67 x 80 mm all having wall thickness of 2.3 ± 0.2 mm and single glazing bead/double glazing bead of appropriate dimension. (Area of window above 3.00 sqm upto 5.00 sqm).</p>		
5	<p>Providing and fixing M.S. Grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to steel windows by welding</p>	227.25	kg
6	<p>543 SUB HEAD : 9 - WOOD & PVC WORK 9.147 B Providing and fixing factory made uPVC white colour fixed glazed windows/ventilators comprising of uPVC multi-chambered frame and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately)</p> <p>Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Fixed window / ventilator made of (small series) frame 47 x 50 mm & mullion 47 x 68 mm both having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area upto 0.75</p>	12.9	m ²

	sqm.)		
7	Providing and fixing fire resistant door frame of section 50 x 60 mm on horizontal side & 35 x 60 mm on vertical sides having built in rebate made out of 1.6 mm thick GI sheet (Zinc coating not less than 120gm/m ²) suitable for mounting 120min Fire Rated Glazed Door Shutters. The frame shall be filled with Mineral wool Insulation having density min 96Kg/m ² . The frame will have a provision of G.I. Anchor fasteners 14 nos (5 each on vertical style & 4 on horizontal style of size M10 x 80) suitable for fixing in the opening along with Factory made Template for SS Ball Bearing Hinges of Size 100x89x3mm for fixing of fire rated glazed shutter . The frame shall be finished with a approved fire resistant primer or Powder coating of not less than 30 micron in desired shade as per the directions of Engineer - in- charge . (Cost of SS ball bearing hinges is excluded	6	m
8	Providing and fixing 60 mm thick glazed fire resistant door shutters of 120 min Fire Rating confirming to IS:3614 (Part II) or EN1634-1:1999, tested and certified as per laboratory approved by Engineer-in-charge, with suitable mounting on door frame, consisting of vertical styles, top rail & side rail 60 mm x 60 mm wide and bottom rail of 110 mm x 60 mm made out of 1.6mm thick G.I. sheet (zinc coating not less than 120gm/m ²) duly filled mineral wool insulation having density min 96 kg/m ³ and fixing with necessary stainless steel ball bearing hinges of size 100x89x3mm of approved make, including applying a coat of approved fire resistant primer or powder coating not less than 30 micron etc all complete as per direction of Engineer-in-charge (panelling to be paid for separately	2.88	m ²
9	Providing and fixing 2nd class teak wood plain lining tongued and grooved, the gap between wall and plain lining filled with rock wool of 100 mm thick including wooden plugs complete with necessary screws and priming coat on unexposed surface etc complete as per the direction of Engineer in Charge.	121.601	m ²
	Total		

2) Bid Price

- Tender shall be for the full quantity as described above. Corrections if any shall be made by crossing out re-writing with initial and date.
- The rate should be all inclusive of taxes, levies, transports etc. Usual deduction of taxes will be made from the gross amount of bill.

- c) The rate quoted by the bidder shall be fixed for the duration of the tender and shall not be subject to adjustment on any account.
- d) The price should be quoted in Indian rupees only.
- 3) Each bidder shall submit only one tender.
- 4) Validity of tender
Tender shall remain valid for a period not less than 45 days after the dead line date specified for submission
- 5) Evaluation of tender
The tenderer will evaluate and compare the tender determined to be substantially responsive ie which
- a) Are properly signed
 - b) Confirm to the terms and conditions and specification.
- 6) Award of Tender
- a) The work will award to the tenderer whose tender has been determined to be substantially responsive and who has offered the lowest evaluated quotation price
 - b) The tenderer whose bid is accepted will be notified of the award of the contract by the purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.
- 7) The amount will be released after verification of the material in physical ,quality and receipt of invoice in this office according to the availability of funds. Individual or authorized dealers/agents are only eligible.
- 8) Tenderer are requested to provide your offer latest by 12 hours on **04.09.2021** and the quotation will be opened at **04.09.2021**.
- 9) Cost of Tender form : Nil
- 10) Earnest Money Deposit : Nil

We look forward to receiving your tender and thank for your interest in this work.


PROJECT MANAGER
NIRMITHI KENDRA
THIRUVANANTHAPURAM

Copy to : Website & notice board

Tender Format (13)

S.No.	PARTICULARS	QTY	UNIT	Rate	Amount
1	Providing & fixing 19 mm thick BWP grade ply confirming to IS- 710 for Kitchen cupboards/Shelves of size as per drawings, the door shutters also shall be made with 19mm thick BWR ply fixed with autoclose cabinet hinges hinges fixed over vertical ply. Outside vertical exposed surfaces of counter finished and Inside exposed surfaces finished with 1mm thick hot pressed laminate. (only face area to be measured) etc complete, as per the direction of Engineer in Charge	6.89 3	m ²		
2	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). Second class teak wood	0.02 3	cu m		
3	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer - in-charge. Second class teak wood 35 mm thick shutters	2.88	m ²		
4	Providing and fixing factory made uPVC white colour casement/casement cum fixed glazed windows comprising of uPVC multi-chambered frame, sash and mullion (where ever required) extruded profiles duly	2.25	m ²		

	<p>reinforced with 1.60 +/- 0.2mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately)</p> <p>Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement cum fixed panel window having both end single casement panel, middle fixed panels and at top completely fixed ventilator with S.S friction hinges (350 x 19 x 1.9) made of (big series) frame 67 x 60 mm, sash 67 x 80 mm, & mullion 67 x 80 mm all having wall thickness of 2.3 ± 0.2 mm and single glazing bead/double glazing bead of appropriate dimension. (Area of window above 3.00 sqm upto 5.00 sqm).</p>				
5	<p>Providing and fixing M.S. Grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to steel windows by welding</p>	227.25	kg		
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	shade as per the directions of Engineer - in-charge . (Cost of SS ball bearing hinges is excluded)				
8	Providing and fixing 60 mm thick glazed fire resistant door shutters of 120 min Fire Rating confirming to IS:3614 (Part II) or EN1634-1:1999, tested and certified as per laboratory approved by Engineer-in-charge, with suitable mounting on door frame, consisting of vertical styles, top rail & side rail 60 mm x 60 mm wide and bottom rail of 110 mm x 60 mm made out of 1.6mm thick G.I. sheet (zinc coating not less than 120gm/m ²) duly filled mineral wool insulation having density min 96 kg/m ³ and fixing with necessary stainless steel ball bearing hinges of size 100x89x3mm of approved make, including applying a coat of approved fire resistant primer or powder coating not less than 30 micron etc all complete as per direction of Engineer-in-charge (panelling to be paid for separately)	2.88	m ²		
9	Providing and fixing 2nd class teak wood plain lining tongued and grooved, the gap between wall and plain lining filled with rockwool of 100 mm thick including wooden plugs complete with necessary screws and priming coat on unexposed surface etc complete as per the direction of Engineer in Charge.	121.601	m ²		
	Total				

Gross Total Cost: - Rs.

(In words) We agree to supply the above goods in accordance with the technical Specification for a total price of Rs. (amount in figure) (amount in words) with in the period specified in the invitation for quotation.

Signature of Tenderer