

**TENDER FOR SETTING UP BOARD ROOM
IN
NIFT KANNUR CAMPUS**

Tender Notification No. NIFT/KNR/2448/2018 dated: 26.02.2019

CORRIGENDUM 1

1. Clause 3.22- Warranty may be read as: The contractor shall provide defects liability period and warranty for at least five years for wooden items, two years for revolving chairs, one year for cushion fittings and other accessories. Electrical and audio-visual items including Air Conditioner and fittings shall be guaranteed for at least **TWO** years. If the manufacturer provides higher warranty/guarantee it should be specified separately. The contractor should provide warranty documents of the manufacturer. The guarantee/warranty shall include replacement of defective/damaged item. If the completed works/items supplied are found defective (during the guarantee period) such defective item shall be replaced by the contractor free of cost to NIFT. The replacement shall have to be carried out within seven days of the date of intimation from NIFT. Bidder should clearly mention the period of warranty for each item quoted.
2. ANNEXURE VI- PROFORMA OF FINANCIAL BID (BILL OF QUANTITIES) may be revised as:

ANNEXURE-VI

PROFORMA OF FINANCIAL BID (BILL OF QUANTITIES)

Name of work: Setting up Board room at NIFT Kannur campus

Sl No.	Item description	Unit	Qty	Rate per unit Rs. in figures & words	Total for the item Rs.
1	Dismantling aluminum / Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material within 50 metres lead as directed by Engineer - in-Charge	M ²	94		
2	Providing and fixing frame work for partitions/ wall lining etc. made of 50x50x1.6 mm hollow MS tube, placed along the walls, ceiling and floor in a grid pattern with spacing @ 60 cm centre to centre both ways (vertically & horizontally) or at required spacing near opening, with necessary welding at junctions and fixing the frame to wall/ceiling/floors with steel dash fasteners of 8 mm dia, 75 mm long bolt, including making provision for opening for doors, windows, electrical conduits, switch boards etc., including providing with two coats of approved steel primer etc. complete, all as per direction of Engineer-in- charge.	Kg	715		
3	Supplying and fixing 12mm BWR plywood on sides of steel frame already fixed with 25mmSS screws including cost of plywood, screws and all labour charges in lines and levels cutting hoisting but excluding cost of steel frame etc complete	M ²	154		

4.	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/ sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37 mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50 mm long with 6 mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25 mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5x25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound, jointing tapes, finishing with jointing compound in 3 layers covering up to 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with 12 mm thick tapered edge gypsum plain board conforming to IS 2095 Part I	M ²	116		
5	Extra for Providing and fixing flush doors with decorative veneering instead of non decorative ISI marked flush door shutters conforming to I.S. 2202 (part I) One side only over ply wood.	M ²	125		
6	Supplying and fixing irul wood planed and framed work for frame of door 1x2.10 m including all cost, conveyance, all labour charges etc., complete.	Nos.	2		
7	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1 st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	M ²	2.25		
8	French spirit polishing: Two or more coats on new works including a coat of wood filler	M ²	132		
9	Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	No	2		
10	Providing and fixing aluminum extruded section body tubular type universal hydraulic door closer (having	No	2		

	brand logo with ISI, IS : 3564, embossed on the body, door weight up to 36 kg to 80 kg and door width form 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.				
11	Priming Coat with ready mixed aluminum primer of approved brand and manufacture on resinous wood and plywood	M ²	74		
12	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: two or more coats on new work	M ²	74		
13	Finishing walls with textured exterior pint of required shade: New work (Two or more coats applied @ 3.28 ltr/ 10 sqm) over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm	M ²	45		
14	Providing Conference table 7.50 m x1.50 m x75cm size using 18mm BWR plywood Western India Plywood or similar brand over 32x20mm GI rectangular tube 1m apart vertically and horizontally braced at top and bottom and cross braced at Top and plywood screwed to the metal frame at top, side and bottom and finish exposed face of the plywood with approved quality veneer 3mm thick including polishing after filling sealer in grains or other patches as per drawing.	No	1		
15	Providing Conference table semi circular in shape 0.75 m radius at both ends of the main Table, 75 cm height using 18mm BWR plywood Western India Plywood or similar brand over 32x20mm GI rectangular tube 1m apart vertically and horizontally braced at top and bottom and cross braced at Top and plywood screwed to the metal frame at top, side and bottom and finish exposed face of the plywood with approved quality veneer 3mm thick including polishing after filling sealer in grains or other patches as per drawing	Nos.	2		
16	Supplying Executive revolving type low back chair , seat with high density foam cushioned & back cushioned, Torsion bar mechanism, adjustable height gas lift mechanism, tilt tension and tilt lock, cushioned plastic arms, PU leatherette black tapestry, chrome finished MS base with Nylon casters.	No.	35		
17	Visitor's chair for back lining with cushioned seat with high density foam cushioned seat & back cushioned and back chrome plated/powder coated pipe frame. PU leatherette black tapestry, cushioned plastic arm.	No.	25		
18	Providing File Rack and show case outside the proposed board Rooms 3 Tier as per drawing 7.00x2.75x0.45m sixe bottom tier 75 cm height , middle tier 1.25m height and top tier 0.65 m height, vertical members at 1 apart, bottom tier shutter 0.75x0.50m in size open shutter type on smooth shutting hinges, Ebco or similar brand, middle and top tier shutters with glass 5 mm thick sliding type on sliding mechanism roller type (Aluminum or PVC) bottom skirting 0.10 m height all side including cost of all materials, labuour charges, cost of hinges brackets, screws, pozy screws, lock and key, etc., complete using 18mm MDF laminated with at least 0.8 mm thick on both side and cutting edges.	M	7		
19	Providing File Rack (shelf type) horizontally 4 Tier and vertically 50 cm apart outside the proposed Board room partition, shuttering up to 3 Tier portion approximately	M	4		

	0.5mx2m or nearest size, fixing suitable self smooth shutting hinges 3 Nos, SS 15 cm handle bar bow type, lock and key best quality for each shutter, a top tier shuttering 0.50 m x 0.75 m or nearest size fixing suitable self smooth shutting hinges 2 Nos. SS 15 cm handle bar bow type, lock and key best quality for each shutter, Ebco or other similar brand, providing border skirting at bottom side 10 cm height all sides including all cost, conveyance of materials, all labour charges etc., complete using 18mm thick MDF laminated with at least 0.80 mm thick on both side and cutting edges.				
20	White Board 6mx1.35m	No	1		
21	Supply and installation of Wireless desktop microphone. Transmitter should have on/off switch. Table top receiver with a telescopic antenna & noise squelch circuitry. Transmitter should have male XLR connector, connecting so that wired mode also be used if required. Transmitter operates with 2x1.5V UM-3 pencil cells. Receiver operational on 9v DC through an AC adaptor supplied along with the set.	Nos.	8		
22	Supply installation with all cord wires Amplifier.250w with built in digital player.6 mic. & 2Aux input resettable circuit breaker for protection against overload and short circuits. Power output-300w max,250w rms at 10% THD 220W Max.160w rms at 10% THD 220W RMS AT 5% THD,220w rms AT 2% THD. Signal to noise ratio:60db Transmitter-RF O/P Power 10Mw (mAX), modulation: FM, Current consumption <40mA, indication: red ring LED. Receiver: Audio O/P:0-50Mv ADJUSTABLE,S/N Ratio:>90db,distortion<.5%,Powetr requirement-220-240V AC 50Hz for AC adaptor supplied along with it. Indications-power ON, Green& red LED for signal.	Nos.	1		
23	Supply installation with all necessary cables PA Ceiling speaker-8W ,power taps of 8/4/2w,Easy mounting with spring mounting clamps suitable for false ceiling, frequency response-65-15000Hz.	Nos.	6		
24	LED lights 12w suitable for false ceiling. Make of Syska, Havells, BPL,Wipro etc., with high efficiency drive.	Nos.	8		
25	LED dim yellow light 8w suitable for false ceiling. Make of syska, havells, wipro etc., with high efficiency drive.	Nos.	4		
26	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface / recessed medium class PVC conduit as required 2X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	meter	100		
27	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Single pole	Nos.	8		
28	Supplying and fixing following rating, four poles, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. 40 amps	Nos.	1		
29	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's (but				

	without MCB's and incomer) as required.(Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.) 4 way (4+12), Double door	Nos.	1		
30	Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required. 40 amps	Nos.	1		
31	Supply and fixing Plug points with 6/16 A universal socket controlled by 16 A switches.	Nos.	4		
32	Supply and fixing Plug points with 6 A, 3 pin shutter socket controlled by 6 A switches in independent positions.	Nos.	10		
33	Supply, Installation, Testing and Commissioning of 3 Ph, 3 Ton ceiling mounted "Cassette" Air-Conditioner by cutting false ceiling and comprising of indoor and outdoor units. The indoor unit comprising multi row DX cooling coil, drier, expansion valve/device, air blower driven by motor with mounting accessories. Out-door unit will comprise the Rotary / Scroll compressor, condenser coil & fan, cordless remote controller etc, including Refrigerant gas charging, water drain system etc of Make Voltas, Blue Star, Carrier etc.,.	Nos.	1		
34	Supply, Installation, Testing and Commissioning of suitable voltage stabilizers for above capacity Air-Conditioners.	Nos.	2		
35	Supply, Installation, Testing and Commissioning of 19 mm dia & 16 mm dia Copper Refrigerant pipes with Foam insulation between indoor and outdoor units, with breaking of wall wherever required for 3 TR Cassette Air Conditioners	M	20		
36	Supply, Installation, Testing and Commissioning of 19/25 mm PVC conduit pipe to be used as a drain water pipe. Through holes as made above.	M	20		
37	Supply and Laying of electric control cable	M	20		
38	Supply, Installation, Testing and Commissioning of L shape / suitable shape MS frame stand for mounting outdoor units on wall/ on floor with all fixing hardware.,within above Catwalk for cassette ACs.	sets	2		
39	Rack for setting up and arranging the AV & PA control points & Amplifier	No.	1		
40	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface /recessed medium class PVC conduit, 2 way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc., as required.	Nos.	15		
41	Supply installation of 1 Run 16 sq mm X 4C XLPE Armoured cable with necessary gland and termination accessories.	meter	100		
42	Cordless microphones UHF-400 Microphone with 2 metal hand holds.- Frequency response:50-18000Hz,sound features maximum input sound level:140db, signal to noise ratio:105, total harmonic	Set			

	distortion 1%,Wireless receiver features: frequency stability+-.05%,audio output 30-50 display type: LCD, signal to noise ratio:105db, antenna type: telescopic, connectivity features: no: of connecting pins:3power source for microphone: battery, and adaptor:220v AC.		1		
43	Projector: technology-DLP, PROJECTION METHOD:FRONT AND REAR BOTH,BRIGHTNESS:4500LUMENS,CONTRACT RATIO:15000:1,KEYSTONE CORRECTION:AUTOMATIC & MANUAL, Should have inbuilt speaker, HDMI/DVI port, zoom percentage 1.5,audio in-out, power supply:210v-240v 50HZ,Dimension 314x216x126mm	Nos.	1		
44	Projector Screen: Type motorized, wall mounting type, length & breadth 150x150 inch, remote controllable and wired also and supported display technology-1080p,3D and 4K Technology.	Nos.	1		
45	UPS: ON line UPS WITH SMF type batteries back up for a time period of half a hour.3KVA capacity.	Nos.	1		
46	Supply & laying of Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/recessed medium class ISI marked 20/25mm PVC conduit as required. From Main Incoming DB to UPS DB 2 X 6.0 sq. mm + 1 X 4.0 sq. mm earth wire.	M	30		
47	Supply & laying of Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/recessed medium class ISI marked 20/25mm PVC conduit as required. From Main Incoming DB to ACs. 2 X 4.0 sq. mm + 1 X 2.5 sq. mm earth wire	M	30		
48	Supply & Installation of industrial sockets with ABS / Polycarbonate body & shutters individually controlled by 32 A TP MCB.	No.	1		
49	Supply & Installation of MCB with ABS / Polycarbonate body controlled by 25 A SPN MCB.	No.	1		
50	Supply of CAT-6 cable for LAN wiring from Patch Panel to all the Access Points.	M	30		
51	Supply installation testing commissioning of HDMI cable	M	6		
52	Supply of Dual I/O port, 2nos of modules for data and voice (RJ45 & RJ 11) With Modular cover plate along with crimping of ends.	No.	3		

GRAND TOTAL AMOUNT:

Total in Figures: Rs.-----

Total in words: Rupees -----

Date:-

Place:-

Signature of authorized person of the firm/agency with stamp