



**NATIONAL INSTITUTE OF TECHNOLOGY  
HAZRATBAL, SRINAGAR- 190006 (J&K)**

(Planning & Development Wing)

Tel: 0194-2102157 Fax: 0194-2420475

**E-TENDER NOTICE**

**BID DOCUMENT**

**[Two Cover system]**

Tender No. NITS/PnD/ET/2022/Electrical/01

Date: 18/02/2022

For and on behalf of competent Authority of NIT Srinagar, e-tender **(in Two Cover System)** is invited from **Electrical Contractor** and registered with state **PWD, CPWD, MES** for the below mentioned work:-

Name of Work		Conversion of various Rooms into Physiotherapy Centre near Medical Unit at NIT Srinagar.			
Sr.No.	Particulars of Items	Cost of work	Earnest money	Completion period	Class of contractor
1.	Electrical Portion	Rs. 6.32 lacs	Rs. 12,640.00	15 days	B, C & D class

**Bidders are requested to submit the online bids on E-Tendering portal.**

Website for Online bid Submission: <https://mhrd.euniwizarde.com>

Cost of Tender documents: - 50/- to be paid online mode only

1	Date of Issue of Tender Notice	18-02-2022
2	Period of downloading of bidding documents	18-02-2022 to 10-03-2022
3	Bid submission <b>Start Date</b>	18-02-2022
4	Bid submission <b>End date</b>	10-03-2022
5	Date and time of opening of bids Technical bid <b>(Online)</b> and price bid will be opened after evaluation of technical bid.	10-03-2022 At <b>14:30 P.M in the office of Dean P&amp;D wing</b>

**Terms & Conditions:-**

1. The Bidding documents Consisting of qualifying information, eligibility criteria, specifications, Drawings, bill of quantities (B.O.Q), Set of terms and conditions of contract and other details can be seen/downloaded from the NIT website [www.nitsri.ac.in](http://www.nitsri.ac.in) as per schedule of dates given below:-
2. Bids must be accompanied with cost of Tender document in shape of **NIT, Chest receipt/(Mentioning therein Nomenclature of the work and Advertised Cost)** in favour of **Dean P&D Wing, NIT, Srinagar(tender inviting authority) and Earnest money / Bid security in shape of CDR/FDR pledged to Dean P&D Wing, NIT, Srinagar (tender receiving authority).** Or Earnest money/ Bid Security can be made through E-payment also on the E-Tendering/ E-Wizarde portal.
3. The date and time of opening of Bids shall be notified on Web Site [www.nitsri.ac.in](http://www.nitsri.ac.in) and conveyed to the bidders automatically through an e-mail message on their e-mail address. The  **bids of Responsive bidders** shall be opened online on same Web Site in the Office of **Dean P&D Wing NIT, Srinagar (tender receiving authority).**

4. The bids for the work shall remain **valid for a period of 120 days from the date of opening of Technical bids.**
5. The earnest money shall be forfeited, If:
  - a. Any bidder/ tenderer withdraw his bid/ tender during the period of bid validity or makes any modifications in the terms and conditions of the bid.
  - b. Failure of Successful bidder to furnish the required performance security within the specified time limit.
  - c. Successful bidder to execute the agreement within 28 days after fixation of contract.
6. **Instruction to bidders regarding e-tendering process.**
  - a. Bidders are advised to download bid submission manual from the "Downloads" option as well as from "Bidders Manual Kit" on website **www.nitsri.ac.in** acquaint bid submission process.
  - b. To participate in bidding process, bidders have to get 'Digital Signature Certificate (DSC)' as per Information Technology Act-2000. Bidders can get digital certificate from any approved Vendor.
  - c. The bidders have to submit their bids online in electronic format with digital Signature. No bid will be accepted in physical form.
  - d. Bids will be opened online as per time schedule.
  - e. Bidders must ensure to upload scanned copy of all necessary documents with the bid.
  - f. **Bidders must ensure to upload scanned copy of all necessary documents with the technical bid.**

**Note: - Scan all the documents on 100 dpi with black and white option.**

7. Scanned copy of cost of tender document in shape of NIT, Chest (**Mentioning therein the NIT No., nomenclature of the work and Advertised Cost**) in favour of **Executive Engineer P&D Wing NIT, Srinagar** and Earnest Money / Bid Security in shape of CDR/FDR. (**The date of earnest money/Bid security should be between the date of start of bid and Bid Submission End date**) **pledged to Executive Engineer P&D Wing Srinagar** must be uploaded with the documents of the bid. The original NIT Chest (cost of tender document), CDR/FDR (earnest money/bid security) and relevant bid documents shall be obtained from the lowest bidder before the fixation of contract.
8. Bid Security can be made through E-payment also on the E-Tendring/ E-Wizarde portal.
9. Any item or items of work beyond the allotted items necessitated at site if any shall be also paid on allotted appreciation/depreciation on the Estimated Rate.
10. Bidders are advised to use "**My Documents**" area in their user on E-Wizarde e-Tendering portal to store such documents as are required.
11. **Instructions to Bidder (ITB)**
  - a. All bidders shall upload the following information and documents along with qualification criteria / qualification information with their bids:-
  - b. **Copies of original documents defining constitution/ legal status, place of registration and principal place of Business with Cell No. and Correspondence address.**
  - c. **Treasury Challan/CDR/FDR**
  - d. **Scanned Copy of PAN Card**
  - e. **Scanned Copy of GSTIN Registration and latest clearance certificate FORM GST-3B i.e. latest clearance certificate FORM GST-3B of the preceding Month to the issued of NIT.**
12. All documents relating to the bid shall be in the English Language.
13. **Bidder must ensure to upload scanned copies of all necessary documents including earnest money and tender documents fee in terms of soft copies with technical bid. No document (s) which has /have not been uploaded shall be entertained in the form of hard copy. However, in case of any clarification the bidders shall have to produce original documents in support of soft copies if need arises**
14. The date of start of the work shall be reckoned within one week from the date of issuance of LOI/Contract allotment as the case may be. The time allowed for carrying out the work will be **30 days** from the date of start.
15. **Penalty for delay in completion:-**In case of delay in completion of work beyond stipulated period of completion, penalty upto Rs. 500/- per day shall be imposed.
16. **The tender receiving authority reserves the right to accept or reject any tender or all tenders**

**without assigning any reason thereof.**

- 17. Restoration of work:-** On completion of contract the contractor shall be responsible to remove all unused material and restore all work in its original position at his own cost.
- 18. Traffic regulations:-**The contractor is bound to adhere to traffic regulations as is applicable from time to time and ensure arrangements of smooth regulation of traffic during execution of work.
- 19. Defect Liability period: -** The DLP shall be Calculated from date of certified completion of work and period **shall be 08 months**. The defects noticed in the work during execution or D.L.P. shall be corrected by the Contractor within the length of time specified by the Engineer. If the contractor does not correct the defects pertaining to D.L.P. to the satisfaction of the Engineer within the time specified, the Engineer will assess the cost of having the defects corrected and contractor will pay this amount on correction of defects.
- 20.** The date of start of work shall be reckoned within seven days from the date of issuance of allotment/ Letter of intent. In case the agency fails to execute the work, the deposits in the shape of CDR and Additional performance guarantee shall be liable for forfeiture besides initiating other punitive actions against the defaulter without serving any notice.
- 21. Tests:-**The contractor shall be solely responsible for carrying out the mandatory tests required for the quality control at his own cost.
- 22. Termination: -** The employer may terminate the contract if the contractor causes a fundamental breach of the contract.
- 23. Court's Jurisdiction: -** In case of any dispute/differences between contractor and department the Jurisdiction shall be union territory of J&K.
- 24. For Composite Bids:**
  - a. The EE-in-charge of the Division of the major component will call bids for the composite work. The Earnest Money will be fixed with respect to the combined estimated cost put to tender for the composite tender.
  - b. Entire work under the scope of tender including major and all minor components shall be executed under one agreement.
  - c. Security Deposit will be worked out separately for each component corresponding to the estimated cost of the respective component of works.

Sd/Executive Engineer  
P&D Wing

**Advertisement Quantity schedule/Rate list for Conversion of Various Room's into  
Physiotherapy Centre Near Medical Unit at NIT Srinagar.**

**Adv. cost Rs. 6.32 lacs**

**(Electrical Part)**

S.No.	Description of Item	Rate to be quoted by the Contractor (%)
01.	Contractor may quote single percentage of rate above or below (Appreciation/depreciation) over advertised cost neatly in figures as well as in words. Items to be executed are given below in the Table.	

S.No	Particulars	Qty	Rate
1	Wiring for light point / fan point /exhaust point / call bell point with 1.5 sq. mm FRLS PVC insulated Copper Conductor Single Core Cable in surface / recessed medium class PVC Conduit with Modular Switch, Modular Plate, Suitable GI box & earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc as required.		
	a) Group C	30 Nos	990.00
2	P/F of computer board with earth wire in 4 mm multi stranded PVC copper wire in 1" 2mm PVC pipe/ channel of Plaza/Alba Make to be laid underground to be recessed in the wall with following accessories of modular series to be fitted on metallic box of suitable size (recess type). 15 Amp Switch FT 1Nos, 15 Amp Socket FT 2Nos, 10 Amp, 5-pin Socket 2 Nos, Indicator 1 No Fuse 1 No Complete in all respects including resurfacing of room plaster.	10 Nos	2,250.00
3	P/F of high lumen LED 6500k (4ft ft) wall mounted LED batten, extruded aluminum heat sink provided for efficient heat dissipation & integrated electronic driver complete in all respects. Complete in all respects. (Make Phillips TYPE: BN 100C LED40S-6500 PSU L120 GR)	12 Nos	2,370.00
4	Supplying and fixing 5A to 32 A rating, 240/415 V, 10 kA, "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.		
	a) Single Pole.	25 Nos	199.00
	b) Double pole.	5 Nos	556.00
5	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)		
	a) 12 way Double Door	2 Nos	2,053.00
	b) 16 way Double Door	2 Nos	2,453.00
6	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.		
	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	100 Mtr	146.00
	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	350 Mtr	200.00
	2x6 sq.mm + 1x6 sq.mm earth wire	50 Mtr	249.00
	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	50 Mtr	328.00

	2X 16 sq. mm + 1 X 6 sq. mm earth wire	30 Mtr	419.00
7	Supplying & fixing following <b>modular</b> Socket outlet of <b>3 pin 25 Amp</b> having modular box with mini MCB of 25 A "C" curve and GI metal box along with modular base & cover plate of 3 module (100mm × 75mm ) for modular switches in recess including connections etc as required. complete the job in all respects.	15 Nos	575.00
8	Supplying and fixing 63 A rating, 240/415 V, 16 kA "C" curve, Double Pole miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc.	2 Nos	1600.00
9	P/F of 1200mm sweep Decorative Oyster-Metallic/Fusion-II Metallic ceiling fan with 300 watt 5 step regulator and hook for fan. The job includes providing of fan hook in wooden/concrete ceiling wherever needed. Complete in all respects.	4 Nos	3200.00
10	P/F of UTP Cat-6e cable of Dlink make in 2mm PVC pipe of Alba/Plaza make of suitable size. Complete in all respect.	75/mtr	100 mtr
11	P/F of computer socket-RJ45 with key stone/face plate for internet connection of Dlink/legrand make with suitable connections. Complete in all respects.	750.00	5 Nos
12	P/F of Telephone socket-RJ11 with key stone/face plate for telephone connection of Dlink/legrand make with suitable connections. Complete in all respects.	370.00	3 Nos
13	P/F of Maintenance free Chemical Earthing using copper Electrode of size 76 mm dia, 03 meter long connected with 50X6 mm Copper internal strip complete with excavation, civil works, cast iron cover with back fill compound along with <b>60 kg bag of Back fill compound/SOR Compound (highly conductive, non corrosive moisture retaining chemical)</b> complete. The voltage between Neutral & Earth not to exceed 0 volts & IR value less than 1 ohm. The earth resistance shall be as per IS 3043. Copper strip of size 32 mm X 5 mm be connected to main Distribution board from earthing point.	15,000.00	2 Nos
14	P/F of 300 mm Sweep Heavy Duty Crompton Greaves Exhaust Fan (metal type) in existing opening, including making good the damage, connection, testing, commissioning etc. as required. Complete in all respects.	4 Nos	3000.00
	<p>Supply, Installation, commissioning and Testing of <b>Single In Single Out 6 KVA UPS</b> stand alone/rack mountable working on, IGBT based double conversion digitally controlled microprocessor system, with with SNMP card &amp; LCD display with Two year warranty <b>Make (APC, )</b></p> <p><b>Specifications:</b></p> <ol style="list-style-type: none"> <li>1. <b>Technology: IGBT-PWM</b></li> <li>2. <b>AC Input Voltage : 192V AC ± 5V AC,</b></li> <li>3. <b>Output Voltage : 220V AC Phase to Neutral ± 5% Voltage Regulation ± 1%</b></li> <li>4. <b>Frequency 50Hz ±0.05Hz( Crystal Controlled )</b></li> <li>5. <b>Waveform Pure Sine wave</b></li> <li>6. <b>Efficiency &gt; 92 %</b></li> <li>7. <b>20% overload limit for min 10 minutes.</b></li> </ol> <p><b>Battery Bank: (Sealed Maintenance Free Batteries, 3 year warranty)</b></p> <p><b>Nominal voltage: 12 Volts.</b>  <b>Rated capacity: 42 Ampere Hour (Ah).</b>  <b>Dimensions</b>  Height (with terminals): 175 mm  Length: 351 mm  Width: 167 mm</p> <p><b>No. of batteries: 16 Nos (Make: Amaron/Exide/or equivalent)</b></p> <p>Battery bank for <b>1 hrs Min Back-up</b> along with <b>interconnecting cables, cable from UPS to Battery Bank through battery Circuit Breaker and MS open rack with Two years Maintenance.</b></p>	1 No	1,80,000.00

	<p><b><u>Protections:</u></b></p> <p>An Electronics Circuit with Digital Logics must Continuously Searches for the following Faults &amp; Trips the system with Audio – visual Indication</p> <ol style="list-style-type: none"> <li>1. <b>Battery over Voltage</b></li> <li>2. <b>Battery Under Voltage</b></li> <li>3. <b>Input AC Over Voltage</b></li> <li>4. <b>Output Overload /short Circuit</b></li> </ol> <p><b><u>Indications:</u></b></p> <ul style="list-style-type: none"> <li>• Main On</li> <li>• Load On Battery</li> <li>• Battery Low</li> <li>• Inverter Over load</li> <li>• Load On Main</li> <li>• Battery Boost</li> <li>• Battery Level Graph</li> <li>• Load Level Graph</li> </ul> <p><b><u>Features:</u></b></p> <p>Advanced Battery Management (ABM) for Longer Battery Life &amp; Quick Charging, Auto Self Test on LCD Display, Best Suited for most High Capacity Sophisticated Appliances, LCD Panel Display for Status and Faults, Static By Pass Switch for fast Switch Over.</p>		
	<p>P/F of Inverter technology based Air Conditioner HVAC (Hot and Cold) with following Specifications:-</p> <ol style="list-style-type: none"> <li>1. Company fitted Heat Convector.</li> <li>2. Type: - Split AC, Wall Mounted.</li> <li>3. Capacity: - 1.8 Ton.</li> <li>4. Make :- Daikin /IFB</li> <li>5. Voltage: - 230 Volts.</li> </ol> <p>Other Features: - Anti bacteria Filter, Jet Cool, Auto Start, Timer, and Sleep Mode. Complete in all respects including copper pipes, 4-core electric cable, MS stand; drain pipe and 5 KVA wall mount, copper wind, Stabilizer of Global / Alba/V-Guard (I/P 90-290V and O/P 200-240V)make. Complete in all respects.</p>	2 Nos	75,000.00

**Make List.**

S. No	Particulars	Make
	Wires/Cables/	Havells, Polycab, Anchor
	Cat 6e cable/ Telephone Wires	Dlink, Legrand or eqv
	Switch series/Fan Dimmer	Schneider, Legrand, Hager
	MCB/MCCB/DBs	Schneider, Legrand, L&T
	Lights	Phillips, havells, syska
	Fan	CG,Bajaj,Havells.

Sr. Executive Engineer  
P&D Wing

**ALL THE CONDITIONS ARE ACCEPTABLE TO ME (to be uploaded online with the Tender)**

Signatures of the Contractor: \_\_\_\_\_  
Name : \_\_\_\_\_  
S/O : \_\_\_\_\_  
R/O : \_\_\_\_\_  
Ph. No. : \_\_\_\_\_

