



GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
BOARD OF RADIATION & ISOTOPE TECHNOLOGY
MANAGE, C&NM, MIG



PART A: NIT DETAILS

Online item rate tenders are invited through e-tendering mode by Chief Executive, Board of Radiation and isotope Technology, Vashi Complex, Navi Mumbai 400 703, on behalf of President of India in two part bid, from eligible contractors for the work and details given below:

1.	NIT No.	BRIT/NIT/MIG/C&NM/2021/0922 dtd. Sept.22, 2021
2.	Name of work	Supply, Installation, Commissioning and testing of Local Area Network (LAN) and its integration with existing network along with migration of existing Server Room network at BRIT Vashi, Navi Mumbai as per given in Annexure-I, II.
3.	Estimated cost put to tender	Rs. 38,58,267 /- (Including GST)
4.	EMD	As per OM no. F.9/4/2020 dated 12/11/2020 of Ministry of finance, Dept. of Expenditure; bidders are exempted from submitting EMD towards bid security. Contractor should sign Bid Security Declaration in the tender form.
5.	Completion period	9 Months
6.	Fee of Tender Document	Rs. 2276/- through – payment to ITI Limited
7.	Security Deposit	2.5% of tender value.
8.	Performance Guarantee	3% of tender value.
9.	Dates of availability of Tender Documents for view and download.	From 08.10.2021(11:00Hrs.) to 29.10.2021 (15:00Hrs.) on Website www.tenderwizard.com/DAE . Detailed NIT is also available on website www.britatom.gov.in for view only.
10.	Date of Pre-bid meeting	Uploading pre-bid queries from 16.10.2021(11:00Hrs.) to 27.10.2021 (12:00Hrs.)
11.	Last date and time of closing of online submission of tenders:	29.10.2021(15: 00 hrs.)
12.	Last date for submission of Hard copies of Bid Declaration Form.	On or before 06.11.2021(15:00Hrs) in the Office of Manager (C&NM), BRIT, Vashi Complex, Turbhe, Navi Mumbai 400 703.
13.	Date and time of online opening of Technical Bid.	29.10.2021(15:30Hrs.)
14.	Date of opening of Financial Bids of qualified bidders	Will be notified at later date.

Notes:

1. Tender Notification and documents are available on websites www.tenderwizard.com/DAE.

2. Registered contractors only can purchase/download & submit/upload tenders

3. Interested agencies may visit this website for **registration**.

4. **Contact for assistance/clarifications 9969395522/e-mail: rudresh.tenderwizard@gmail.com**

5. For further information, please contact on (022)27887333 / 27887376 during office hours.

The existing “SECTION-1: NOTICE INVITING TENDERS” OF “**CONDITIONS AND CLAUSES OF CONTRACT- 2008**” (P.5 & 6) in use for 2/3 bid TENDERING has been modified as per the requirement of e-Tendering. The modified VERSION OF THE SAME” is enclosed as **CS-13 (Correction Slip – 13 to Conditions and Clauses of Contract -2008)**.

1	Contractors who fulfill the following requirements shall ONLY be eligible to apply. (Joint Ventures are not accepted).
A	Proof of registration with Government / Semi Government organizations like CPWD, MES, BSNL, Railways, State PWDs etc. in appropriate class OR having experience in execution of similar nature of works.
B	Should have satisfactorily completed works during the last seven years ending previous day of last date of submission of tenders. For this purpose, cost of work shall mean gross value the completed work including cost of material supplied by the Government/ Client but excluding those supplied free of cost. This should be certified by an officer of below the rank of Executive Engineer/Project Manager or equivalent.
i)	Three similar works each costing not less than 40% (Rs.15,43,306.8/-) each, or Two similar works each costing not less than 60% (Rs. 23,14,960.2/-) each, or One similar work costing not less than 80% (Rs. 30,86,613.6 /-) AND Similar work shall mean: The eligible participants should have executed at least one or combination of various “ Supply, Installation, Configuration, Integration and Testing of Local area Network (LAN) and troubleshooting & Maintenance of Network components for Govt./PSUs or Private bodies ”. Bidders shall provide documentary evidence for the same.
NOTE:	The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7 % per annum ; calculated from the date of completion to last date of submission of tender.
C	Should have had average annual financial turnover (gross) of Rs. 38,58,267/- during the immediate last three consecutive financial year ending 31st March, 2021 . (Scanned copy of Certificate from CA to be uploaded)
D	Should not have incurred any loss in more than two years during the last five years ending 31st March, 2021 . This should be duly certified and audited by registered Chartered Accountant.
E	Latest Bank solvency certificate (not older than March 2021) from any scheduled banks of minimum value Rs. 15,43,306.8/-) (not less of 40% of estimated cost),
F	List of works in hand & similar works carried out by them for last 7 years indicating i) Agency for whom executed, ii) Value of work, iii) Completion time as stipulated and actual, or present position of the work, legal issues if any, etc.
G	Bidding capacity shall be worked out based on works in hand. Bidding capacity shall be equal to or more than cost of work: Bidding Capacity=Ax Nx2 –B

	Where A=Maximum turnover in similar works executed in any one year during the last five years taking into account the completed as well as works in progress. The value of completed work shall be brought out to current costing level by enhancing at a simple rate of 7% per annum ; calculated from the date of completion to last date of submission of tender N=Number of years prescribed for completion of this work. B=Value of existing commitment and ongoing works to be completed during the period of completion of this work.
H	List of machinery , equipment, accessories & infrastructure facilities possessed by the agency to complete the work in time.
I	List of staff they possess.
J	CERTIFICATES: (Scanned copy of original certificates to be uploaded)
i)	Performance Certificates
ii)	GST registration certificate
iii)	PAN (Permanent Account Number) Registration
iv)	EPFO Registration Certificate
v)	ESIC Registration Certificate
K	UNDERTAKING as under: -
i)	I/We undertake and confirm that eligible similar works (s) has / have not been got executed through another contractor on back-to-back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred from bidding in DAE in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer – in – Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee. (Scanned copy to be uploaded at the time of submission of bid).
ii)	The intending bidder must read the terms and conditions as per “SECTION – 1: NOTICE INVITING TENDERS” OF “ CONDITIONS AND CLAUSES OF CONTRACT carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required. Department reserves the right of Non-consideration of Tender documents of the agencies who are not fulfilling the NIT stipulations and / or having adverse report on the works carried out by the min the past.
iii)	Information and Instructions for tenderers posted on web site shall form of tender document
iv)	The tender document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website www.tenderwizard.com/DAE or www.britatom.gov.in free of cost.
v)	OBTAINING OF STANDARD DOCUMENTS: In addition to the above, the prospective agencies shall be required to possess following documents with them separately, which shall form part of Tender Documents for this work. These documents can be downloaded from the BRIT’ website. In case the agencies already possess these standard documents with them, the same need not be downloaded again.
vi)	The bid can only be submitted after uploading the mandatory scanned documents Duly signed & sealed with date on bid security declaration form as per Annexure ‘A’.
vii)	Those contractors not registered on the website mentioned above, are required to get registered. If needed, they can be imparted training for online bidding process as per details available on the website.
viii)	The intending bidder must have valid class-III digital signature to submit the bid.
ix)	On opening date, the contract or can log in and see the bid opening process.
x)	Certificate of Financial Turn Over: At the time of submission of bid, contractor may upload Undertaking / Certificate from CA mentioning Financial Turnover of last 3 years or for the period as specified in the bid document and further details if required may be asked from the contractor after opening of technical bids. There is no need to upload entire voluminous balance sheet.

xi)	Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in YELLOW color and the moment rate is entered, it turns SKY BLUE . In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0" . Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be Treated as "0" (ZERO).
xii)	In the case of bids in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.
xiii)	The Department reserves the right to accept / reject any prospective application without assigning any reason thereof.
xiv)	Short listing of the agencies shall be subject to thorough verification of their credentials and inspection of works carried out by them, through a Technical Evaluation Committee of experts, constituted by BRIT
xv)	IF ANY INFORMATION FURNISHED by the applicant is found to be incorrect at later stage, they shall be liable to be debarred from tendering / taking up works in BRIT.

PROSPECTIVE AGENCIES SHALL SATISFY THEMSELVES OF FULFILLING ALL THE NIT CRITERIA BEFORE SUBMISSION OF TENDER. DEPARTMENT RESERVES THE RIGHT OF NON-CONSIDERATION OF TENDER OF THE AGENCIES NOT FULFILLING THE STIPULATED CRITERIA.

List of Documents to be scanned & uploaded.	
1	Financial Turn Over certified by CA
2	Profit & Loss statement certified by CA
3	Latest Bank Solvency Certificate
4	List of WORKS completed in last 7 years indicating : I) Agency for whom executed II) Value of Work, III) Stipulated and actual time of completion.
5	List of WORKS in Hand indicating: I) Agency II) Value of Work, III) Stipulated time of completion/present position.
6	List of tools and tackles
7	List of Staff
8	Certificates:
i)	Registration certificate, if any
ii)	Certificates of Work Experience/Performance Certificates
iii)	Certificate of Registration for Goods and Service Tax (GST)
iv)	PAN (Permanent Account Number) Registration
v)	EPFO Registration Certificate
vi)	ESIC Registration Certificate
9	Undertaking that the work(s) have not been executed through another contractor on back to back basis.
10	FDR/BG of any Scheduled Bank against EMD. (as per the tender condition)
11	Undertaking for having gone through the documents as per Technical Bid, Pre-bid clarification & Corrigendum if any.
	(Scanned copy of original certificates to be uploaded)
NOTE: CORRIGENDUM (S), IF ANY, SHALL BE UPLOADED ON WEBSITE www.tenderwizard.com/DAE	

GUIDELINES FOR E-TENDERING

1. The intending bidders must read the terms and conditions of the tender documents. He should only submit bids if he considers himself eligible and he is in possession of all documents required.
2. The information and instruction for bidders along with Technical Bid and Financial Bid etc. posted on website shall form part of the bid document.
3. The documents as uploaded can be viewed and downloaded free of cost by any one including the intending bidder. However for participating tendering process the intending bidder must download the documents after confirmation of tender processing fees from e-tendering portal only, within time and date of downloading, otherwise it will not be possible for them to upload the documents on the e-tendering portal.

Notes :

- i) Downloading the tender documents without confirmation of payment details towards tender processing fees on web site: **www.tenderwizard.com/DAE** shall not be valid.
 - ii) The excel sheets accompanied with technical bid and financial bid shall be filled up uploaded within due date of submission.
 - iii) The PDF documents available in website are part of tender document and can't be uploaded on the e-tendering portal in its present form. However the bidders may download the specific forms / data sheets etc. filled up, scanned and upload the same as required.
 - iv) The tender document submitted manually can't be accepted and shall be rejected summarily.
 - v) The agency must ensure downloading of excel sheets in which the columns meant for filling up data / rates appears in yellow colour and the movement the data / rates are entered, it turns sky blue.
4. It is mandatory for all the applicants to have **class-III digital signature certificate** from any of the licensed Certifying Agency to participate in e-tendering.
5. In order to participate in online e-tendering process, it is mandatory for the applicants to have user **ID & password** to get access to the web site **www.tenderwizard.com/DAE**. The applicants have to get registered their firm/company with the service provider, M/s ITI Limited for user ID & password. The registration shall be done by paying an annual registration fees to M/s ITI Limited and completing other formalities as mentioned in website. Validity of online registration is for one year from date of its issuance and be subsequently renewed. For assistance/clarifications, please contact mobile 09969395522, e-mail: **twhelpdesk231@gmail.com / daehelpdesk@tenderwizard.co.in**
6. The applicants, who have already obtained such valid user ID and password from M/s ITI limited, for any other project of BRIT, need not obtain fresh user ID and password for the purpose of participation in the present tender.
7. The services for e-tendering in BRIT/ DAE is provided by M/s ITI Ltd., Tender wizard Help Desk Centre, B-1/5A, 2nd Floor, Main Nazafgarh Road Near Janakpuri Metro Station (East) Janakpuri, NewDelhi-110058, Fax No: 91-11-25618721 Phone91-11-49424365, e- mail: daehelpdesk@etenderwizard.co.in
8. The excel sheets comprising of technical bid and financial bid and other documents shall be uploaded online in the prescribed format (JPG or PDF) before the date and time as mentioned in e-tender portal. No other mode of submission is acceptable.
9. The agency shall download the pre bid clarification if any for the work and upload the same (scanned copy) duly signed. The revised documents (if any) shall be uploading e-tender portal.
10. After submission of the bid / document the bidder can re-submit revised bid /document any number of times but before last time and date of submission of bid / document as notified.

11. If the agency found ineligible, after opening of technical bid his tender shall become invalid and processing fees shall not be refunded.

12. Tenderers are advised to upload their documents well in advance, to avoid last minutes rush on the server or complications in uploading. BRIT, in any case, shall not be held responsible for any type of difficulties during uploading the documents including server and technical problems whatsoever.

13. Submission of the tender documents after the due date and time (including extended period) shall not be permitted. Time being displayed on e-tendering portal of BRIT shall be final and binding on bidders.

14. In case of any problem with the submission of the tender, the tenderers may take the assistance of help desk or use the help manual given on the said website or mobile and e-mail mentioned above.

15. The tenderers are advised to submit the hard copies of documents well in advance to the Tender Inviting Authority, so that it should reach on or before the due date and time. Delay in receipt of hard copies due to security restriction, postal delay or delay due to any other reasons etc. shall not be accepted and tender shall be rejected for the with.

SCHEDULE OF QUANTITIES

SCHEDULE-A

BOQ & price List:

Item Nos.	Item Descriptions (Specification / OEM brands/ Part codes)	Qty	UNITS	Rate (Rs)	GST (%)	Rate With GST	Total Amt (Rs)
	Part-I: Supply Installation and Warranty/Guarantee of total 177 additional LAN Node Point.						
1	<p>L2 Managed Switch: 48 x 10/100/1000 Mbps, 4 x 10G SFP+, with stacking cable.</p> <ul style="list-style-type: none"> ⇒ Hardware Version: A2 ⇒ Size • 19" standard rack width, 1U height ⇒ Interface • 48 x 10/100/1000 Mbps, 4 x 10G SFP+ ⇒ Port Standards & Functions• IEEE 802.3 10BASE-T Ethernet <ul style="list-style-type: none"> • IEEE 802.3u 100BASE-TX Fast Ethernet • IEEE 802.3ab 1000BASE-T Gigabit Ethernet • IEEE 802.3ae 10 Gigabit Ethernet • IEEE 802.3x Flow Control for full-duplex mode, auto-negotiation ⇒ Network Cables • UTP Cat. 5, Cat. 5e (100 m max.) <ul style="list-style-type: none"> • EIA/TIA-568 100-ohm STP (100 m max.) ⇒ Duplex Mode • Full/half-duplex for 10/100 Mbps and full-duplex for 1000 Mbps speed ⇒ Media Interface Exchange • Auto or configurable MDI/MDIX ⇒ Switching Capacity • 176 Gbps ⇒ Transmission Method • Store-and-forward ⇒ MAC Address Table • Up to 16,384 entries per device ⇒ MAC Address Update • Up to 512 static MAC entries Enable/disable auto-learning of MAC addresses ⇒ Maximum Packet Forwarding Rate• 130.95 Mpps ⇒ Packet Buffer Memory3 MB per device ⇒ MTBF• 423,302 hours ⇒ AC Input • 100 to 240 VAC 50/60 Hz internal universal power supply ⇒ Maximum Power Consumption • 48 W ⇒ Standby Power Consumption • 30.3 W ⇒ Fans • 1 x smart fan ⇒ Acoustics • 49.7 dB(A) ⇒ Heat • 163.68 BTU/hr ⇒ Operating Temperature • -5 to 50 °C (23 to 122 °F) ⇒ Storage Temperature • -20 to 70 °C (-4 to 158 °F) ⇒ Operating Humidity • 0% to 95% non-condensing ⇒ Storage Humidity • 0% to 95% non-condensing ⇒ Dimensions (W x D x H) • 440 x 210 x 44 mm (17.36 x 8.26 x 1.73 in) ⇒ Weight • 3.10 kg (6.83 lbs) ⇒ Certifications • CE, FCC, C-Tick, VCCI, BSMI, CCC ⇒ Safety • cUL, CB <p>Model No.: DGS-1510-52X</p> <p>Stacking cable 10G SFP+ 1 m Direct Attach Cable</p> <p>Model no: DEM-CB100S:</p> <p>Switch Warranty: 5 Years</p> <p>Make: D-Link</p>	15	Nos.				
2	<p>D-Link 8-Port Unmanaged Switch</p> <ul style="list-style-type: none"> ⇒ LED Indicators • Per port: Link/Activity/Speed • Per device: Power ⇒ Media Interface Exchange • Auto MDI/MDIX adjustment for all ports ⇒ Dimensions • 130 x 79 x 22 mm (5.12 x 3.11 x 0.87 inches) ⇒ Weight • 130 grams (4.59 ounces) 	6	Nos.				

	<ul style="list-style-type: none"> ⇒ Power • 5 V/1 A Power Adapter ⇒ Power Consumption • Power On (Standby): AC input: 0.4 watts • Maximum: AC input: 2.55 watts ⇒ Temperature • Operating: 0 to 40 °C (32 to 104 °F) • Storage: -10 to 70 °C (14 to 158 °F) ⇒ Humidity • Operating: 10% to 90% non-condensing • Storage: 5% to 90% non-condensing ⇒ MTBF • 1,046,811 hours <p>Certifications:</p> <ul style="list-style-type: none"> ⇒ CE class B ⇒ FCC class B ⇒ ICES-003 Class B ⇒ Anatel ⇒ VCCI class B ⇒ RCM ⇒ CB/LVD <p>Make: -D-Link, Model No.: DGS-1008A</p> <p>Warranty: 5 Years</p>						
3	<p>Cat 6 Cable for Data (23AWG Solid Copper Cable Cat 6, 4 pair, UTP-LSZH, 305m-Grey)</p> <p>Make: D-Link Model No.: NCB-C6UGRYR-305-LS</p>	35	Boxes				
4	<p>D-Link, Cat 6, I/O for Data</p> <ul style="list-style-type: none"> ⇒ (Jack Cat 6 Keystone UTP – White ⇒ RJ45 8P 8C 180°C 50u Punch Down Jack ⇒ Terminating 4 pairs, 22-26 AWG Cable ⇒ Universal labels color coded for T568A and T568B wiring schemes ⇒ Fitting high density keystone panel ⇒ UL, ETL certified) <p>Model No.:NKJ-C6WHI1B21</p>	177	Nos.				
5	<p>Face Plate - Single</p> <p>(Keystone Jack, square-White I.D. Plate: Polycarbonate, UL94V-2 transparent color. Face plate: ABS, UL94-HB, with white color. Dust Cover: ABS, UL94-HB, with white color Screw: M3.5XL25.0mm Directive: RoHS certified)</p> <p>Make: Dlink , Model No.: NFP-0WHI11</p>	143	Nos.				
6	<p>Face Plate - Dual</p> <p>(Keystone Jack, square-White, I.D. Plate: Polycarbonate, UL94V-2 transparent color. Face plate: ABS, UL94-HB, with white color. Dust Cover: ABS, UL94-HB, with white color Screw: M3.5XL25.0mm Directive: RoHS certified)</p> <p>Make: Dlink Model No: NFP-0WHI21</p>	17	Nos.				
7	<p>Surface Box</p> <p>(Surface Box for Single/ Dual Cat 5e/Cat6/Cat6A, square-White</p> <p>Box: ABS, UL94-HB, with white color. Screw Nut: M3.5xL7.0mm Screw: M3.5X25.0x7.0 mm Screw: M3.5X19.0X7.5mm Directive: RoHS certified)</p>	177	Nos.				

	Make: Dlink , Model No.: NBB-011						
8	D-Link, Cat-6 Patch Panel (24 port Loaded) <ul style="list-style-type: none"> ⇒ Identification: ID plate, PVC, Transparent color with paper Panel: SPCC, 1.5mm thickness with Black (RAL 9005) color painted. ⇒ RJ45 Jack: Housing: ABS, UL 94V-0 Contact Brackets: PC, UL 94V-2, Transparent color ⇒ RJ45 Jack Contact: Material: Phosphor Bronze with Nickel Plated Finish: 50 micro-inches Gold plated on plug contact area ⇒ IDC: Housing: PC+ Glass Fiber, UL 94V-2 Terminal: phosphor Bronze with Tin plated ⇒ Jack Bracket Set: ABS, UL 94V-0 ⇒ Support Bar: SPCC, 1.5 mm thickness with Black (RAL 9005) color painted ⇒ PCB: FR4, UL Make: Dlink, Model No.: NPP-C61BLK241	10	Nos.				
9	D-Link, Cat-6 Patch Panel (48 port Loaded) <ul style="list-style-type: none"> ⇒ Identification: ID plate, PVC, Transparent color with paper Panel: SPCC, 1.5mm thickness with Black (RAL 9005) color painted. ⇒ RJ45 Jack: Housing: ABS, UL 94V-0 Contact Brackets: PC, UL 94V-2, Transparent color ⇒ RJ45 Jack Contact: Material: Phosphor Bronze with Nickel Plated Finish: 50 micro-inches Gold plated on plug contact area ⇒ IDC: Housing: PC+ Glass Fiber, UL 94V-2 Terminal: phosphor Bronze with Tin plated ⇒ Jack Bracket Set: ABS, UL 94V-0 ⇒ Support Bar: SPCC, 1.5 mm thickness with Black (RAL 9005) color painted ⇒ PCB: FR4, UL Make: Dlink , Model No.: NPP-C61BLK481	5	Nos.				
10	LC-SC patch cord 3 meter Make: Dlink, Model No.: NCB-FS09D-LCSC-3,	10	Nos.				
11	LC-LC patch cord 3 meter Make: Dlink, Model No.: NCB-FS09D-LCLC-3,	10	Nos.				
12	SC-SC patch cord 3 meter Make: Dlink, Model No.: NCB-FS09D-SCSC-3	10	Nos.				
13	Cat-6 UTP Patch Cord 1 Meter (Color : Blue) <ul style="list-style-type: none"> ⇒ OEM brand with factory crimped ⇒ 4 Pairs Unshielded Twisted Pair (UTP) Cable ⇒ Conductor Metal: Bare Copper ⇒ Color Code: Blue ⇒ Conductor: 24 AWG ⇒ Insulation Material: HDPE ⇒ Jacket Material: PVC UL94V-0 ⇒ Heat-resistant: 60oC minimum (Temperature limited) Applications: <ul style="list-style-type: none"> ⇒ 10BASE-T, 100BASE-TX Fast Ethernet, 1000BASE-T (IEEE802.3) • 100VG-AnyLAN (IEEE802.12) ⇒ 550 MHz Broadband Video ⇒ Voice, T1, ISDN ⇒ 155/ 622 Mbps ATM ⇒ Power over Ethernet (POE) Make: Dlink, Model No.: NCB-C6UBLUR1-1	200	Nos.				

14	<p>Cat-6 UTP Patch Cord 3 Meter (Color : Blue)</p> <ul style="list-style-type: none"> ⇨ OEM brand with factory crimped ⇨ 4 Pairs Unshielded Twisted Pair (UTP) Cable ⇨ Conductor Metal: Bare Copper ⇨ Color Code: Blue ⇨ Conductor: 24 AWG ⇨ Insulation Material: HD-PE ⇨ Jacket Material: PVC UL94V-0 ⇨ Heat-resistant: 60oC minimum (Temperature limited) <p>Applications:</p> <ul style="list-style-type: none"> ⇨ 10BASE-T, 100BASE-TX Fast Ethernet, 1000BASE-T (IEEE802.3) • 100VG-AnyLAN (IEEE802.12) ⇨ 550 MHz Broadband Video ⇨ Voice, T1, ISDN ⇨ 155/ 622 Mbps ATM ⇨ Power over Ethernet (POE) <p>Make: Dlink, Model No.: NCB-C6UBLUR1-3</p>	200	Nos.				
15	<p>Cat-6 UTP Patch Cord 10 Meter (Color : Blue)</p> <ul style="list-style-type: none"> ⇨ OEM brand with factory crimped ⇨ 4 Pairs Unshielded Twisted Pair (UTP) Cable ⇨ Conductor Metal: Bare Copper ⇨ Color Code: Blue ⇨ Conductor: 24 AWG ⇨ Insulation Material: HD-PE ⇨ Jacket Material: PVC UL94V-0 ⇨ Heat-resistant: 60oC minimum (Temperature limited) <p>Applications:</p> <ul style="list-style-type: none"> ⇨ 10BASE-T, 100BASE-TX Fast Ethernet, 1000BASE-T (IEEE802.3) • 100VG-AnyLAN (IEEE802.12) ⇨ 550 MHz Broadband Video ⇨ Voice, T1, ISDN ⇨ 155/ 622 Mbps ATM ⇨ Power over Ethernet (POE) <p>Certificate: UL 444 (for Copper conductor) • UL 758/ Style 2835 • UL 1581 (Test standard) • Verified compliant with TIA/EIA-568C.2 standards by ETL, CUL listed, RoHs</p> <p>Make: Dlink, Model No.: NCB-C6UBLUR1-10</p>	25	Nos.				
16	<p>Cable Manager (Horz. Cable Manager-1U- Channel On Front) Horz. Cable Manager-1U PVC Slotted Duct - Channel On Front Make: Dlink, Model No.: NRA-HCM-1CH-F, dlink</p>	19	Nos.				
17	PVC Casing Capping 1 inch (25mm) Size with accessories in white color ISI /ISO approved	2000	MTRS.				
18	PVC casing-capping 2 inches (50 mm) with accessories in white color ISI /ISO approved	500	MTRS.				
19	PVC conduit Pipe black 1.5 inch (40mm) Size (black) ISI /ISO approved	2500	MTRS.				
20	Standard cable Tie 100 PCS 8" Inch BLACK Nylon (Black Pack of 100)	10	Packet				
21	Standard cable T-Tie (1packet=100 nos.) Nylon material, Color: white Make: Dlink	10	Packet				
22	Standard Velcro Tie, Nylon, reusable, double side hook roll in color: black Nylon, reusable, double side hook roll in Color: Black, Length: Approx. 1 Meter / 39.37 inch\Width: Approx. 20 mm / 0.79 inch	20	Nos.				
23	Rack PDU Vertical 12way (5/15A socket + switch/indicator) with 16A Plug Top attached to 5-meter-long cable (cable should be 2.5SQ MM/1100V rating).	6	Nos.				

	Make: WQ Rack, APC						
	Part-II: Supply Installation, Integration and Warranty/Guarantee of LAN with building no. 10.						
1	<p>Supply of Fiber cable (6 Core Armoured S.M.) including installation, Routing, laying, termination/splicing, OTDR testing and submission of OTDR testing report will be under the scope of supplier. OFC cable will be laid from the <i>Building No. 3. to the Building No. 10</i>. Fiber cable will be laid Overhead shed (100mtr). Fiber cable should be laid in High Density Polyethylene (HDPE) Pipes. Supply of HDPE required will be under the scope of supplier. After the installation, the work area should be restored to their original conditions. Laying of fiber as per SOW in Annexure-II (2-b).</p> <p>a) Supply of 40 mm diameter HDPE pipe: 100 meter</p> <p>6 Core S.M. Armoured Fibre Optic Cable Specifications:</p> <ul style="list-style-type: none"> ⇒ Fiber: 9/125µm (OS1) ⇒ Operating wavelength: 1310nm ⇒ Max attenuation:0.36 db/km ⇒ Dispersion (ps/nm-km): ≤3.5 ⇒ PMD (ps/km): ≤0.2 ⇒ Cable cut off wavelength (nm): ≤1260 ⇒ Operating Temperature : -20 °C to +60 °C ⇒ Storage temperature: -40 °C to +60 °C ⇒ Jacket material : HDPE ⇒ Standard: ISO 11801 ⇒ IEC60793-1,60794.1.2 ⇒ ITU-T REC G.652D <p>Make: Dlink, Model No.: NCB-FS090-AUHD-06</p>	100	Approx Length in Mtr.				
2	<p>Supply of Fiber cable (6 Core Armoured S.M.) including installation, Routing, laying, termination/splicing, OTDR testing and submission of OTDR testing report will be under the scope of supplier. OFC cable will be laid from the <i>Building No. 4 to the Building No. 10</i>. Fiber cable will be laid through wall and overhead. Fiber cable should be laid in High Density Polyethylene (HDPE) Pipes. Supply of HDPE required will be under the scope of supplier. After the installation, the work area should be restored to their original conditions. Laying of fiber as per SOW in Annexure-II (2-b).</p> <p>a) Supply of 40 mm diameter HDPE pipe : 120 meter</p> <p>6 Core S.M. Armoured Fibre Optic Cable Specifications:</p> <ul style="list-style-type: none"> ⇒ Fiber: 9/125µm (OS1) ⇒ Operating wavelength: 1310nm ⇒ Max attenuation:0.36 db/km ⇒ Dispersion (ps/nm-km): ≤3.5 ⇒ PMD (ps/km): ≤0.2 ⇒ Cable cut off wavelength (nm): ≤1260 ⇒ Operating Temperature : -20 °C to +60 °C ⇒ Storage temperature: -40 °C to +60 °C ⇒ Jacket material : HDPE ⇒ Standard: ISO 11801 ⇒ IEC60793-1,60794.1.2 ⇒ ITU-T REC G.652D <p>Make: Dlink, Model No.: NCB-FS090-AUHD-06</p>	120	Approx Length in Mtr.				
3	<p>24 Port LIU loaded with accessories, color: black</p> <p>Box:19” rack mountable, Complete powder coating and Aluminium Housing</p>	2	Nos.				

	<p>Splice Trays : Complete Aluminium Body, Provision for 12/24 Fiber splices, Cushioned splice holder</p> <p>Cable Spools: Flame retardant plastic, Two halves spool design</p> <p>Make: Dlink, Model: NLU-FSDLSCR-24 (SC Duplex, SM)</p>						
4	<p>DEM-310GT SFP Transceiver compatible with DGS-1510-52X</p> <ul style="list-style-type: none"> ⇒ SFP, Single Mode, speed 1.25Gbps, ⇒ Distance 10km, ⇒ Compliant Standard: IEEE802.3z, 1000BASE-LX ⇒ Connector: Duplex LC connector ⇒ Wave length: 1310nm ⇒ Cable type: single mode 9µm fiber ⇒ Power supply: 3.3V <p>Make: Dlink, Model: DEM-310GT</p>	8	Nos.				
5	<p>15 U Wall mount Rack with standard accessories (Grey)</p> <p>Technical Data:</p> <ul style="list-style-type: none"> ⇒ Rack Standard : Conforms to DIN 41494 or equivalent standard ⇒ Construction : Welded ⇒ Front Door : Lockable Toughened Glass Door ⇒ Basic Frame : Steel ⇒ Equipment Mounting : DIN Standard Slots ⇒ Mounting Angle : 19° Mounting angles made of formed steel ⇒ Standard Finish : Powder Coated ⇒ Top and Bottom Cover : Welded to Frame, Vented and Field Cable entry exit cut outs ⇒ Standard Color : Grey ⇒ Static Load : 25 kgs <p>Make: Dlink</p> <p>Model:NWR-15U-5560-GR</p>	1	No				
6	<p>Rack mountable PDU (Spike Guard) 8-point socket with individual switch (Mx8 Sockets Surge and Spike Protector 15 ampere Universal Sockets) <u>Rack Mounted</u></p> <p>Make/ Model:Mx-3268</p>	3	Nos.				
7	<p>UPS 1100VA (Make-APC)</p> <p>Output:</p> <ul style="list-style-type: none"> ⇒ Output Power Capacity: 660 Watts / 1.1kVA ⇒ Max Configurable Power (Watts) 660 Watts / 1.1kVA Nominal Output Voltage 230V ⇒ Efficiency at Full Load 72.0 % ⇒ Output Frequency (sync to mains) 50 Hz Sync to mains Topology Line interactive ⇒ Waveform type Stepped approximation to a sinewave Output Connections: (1) India 2/3-pin 6A (4) India 2/3-pin 6A ⇒ Transfer Time 10 ms typical : 12 ms maximum <p>Input:</p> <ul style="list-style-type: none"> ⇒ Nominal Input Voltage 230V ⇒ Input frequency 45 - 65 Hz ⇒ Auto-sensing Input Connections India 3-pin 6A Cord Length 1.5meters ⇒ Input voltage range for main operations 145 - 290 V Number of Power Cords 1 ⇒ Efficiency at Full Load 72.0 % <p>Battery type: Lead Acid Battery</p> <p>Typical recharge time:6Hours</p>	4	Nos.				

	<p>Control panel LED status display with on line : on battery : replace battery and overload indicators</p> <p>Audible Alarm Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm</p> <p>Surge energy rating: 255Joules</p> <p>Maximum Height 282MM, 28.2CM, Maximum Width 132MM, 13.2CM ,Maximum Depth 259MM, 25.9CM, Net Weight 8.98KG</p> <p>Approvals BIS, Standard warranty 1 year repair or replace</p> <p>RoHS Compliant</p> <p>Operating Temperature 0 - 40 °C, Operating Relative Humidity 0 - 95 % , Operating Elevation 0 - 3048meters, Storage Temperature -15 - 45 °C, Storage Elevation 0 - 15240meters, Audible noise at 1 meter from surface of unit 45.0dBA</p> <p>Make: APC, Model: BX1100C-IN</p> <p>Warranty: 1 Year</p>						
	<p>Part-III: Supply Installation, Integration and Warranty/Guarantee of LAN with building no. 11.</p>						
1	<p>Supply of 6 Core S.M. Armoured Fibre Optic Cable (Give Per Meter Rate) including installation, Routing, laying, termination/splicing, OTDR testing and submission of OTDR testing report will be under the scope of supplier. OFC cable shall be laid from the <u>Building No. 5 to the Building No. 11</u>. Total 180m Fiber cable shall be laid in which 40m shall be underground and 140m overhead roof. For crossing the road, the 3-meter HUME pipe is required. The digging will be under the scope of Supplier; depth of trench shall be at least 2 Feet in soil. Fiber cable should be laid in High Density Polyethylene (HDPE) Pipes. Supply of HDPE, Hume pipe required will be under the scope of supplier. After the installation of HDPE pipes, the trenches should be filled to the same level with appropriate compaction and should be restored to their original conditions. Laying of fiber as per SOW in Annexure-II (2-b).</p> <p>a) Supply of 150mm diameter RCC HUME pipe : 3 mtr b) Supply of 30 mm diameter HDPE pipe : 180 meter (Make:Jindal) c) Digging of 40 mtr. length with depth 2 feet</p> <p>6 Core S.M. Armoured Fibre Optic Cable Specifications:</p> <ul style="list-style-type: none"> ⇒ Fiber: 9/125µm (OS1) ⇒ Operating wavelength: 1310nm ⇒ Max attenuation:0.36 db/km ⇒ Dispersion (ps/nm-km): ≤3.5 ⇒ PMD (ps/km): ≤0.2 ⇒ Cable cut off wavelength (nm): ≤1260 ⇒ Operating Temperature : -20 °C to +60 °C ⇒ Storage temperature: -40 °C to +60 °C ⇒ Jacket material : HDPE ⇒ Standard: ISO 11801 ⇒ IEC60793-1,60794.1.2 ⇒ ITU-T REC G.652D <p>Make: Dlink, Model No.: NCB-FS090-AUHD-06</p>	180	Approx Length in Mtr.				
2	<p>24 Port LIU loaded with accessories, (Color: Black)</p> <p>Box:19” rack mountable, Complete powder coating and Aluminium Housing</p> <p>Splice Trays : Complete Aluminium Body, Provision for 12/24 Fiber splices, Cushioned splice holder</p>	2					

	<p>Cable Spools: Flame retardant plastic, Two halves spool design</p> <p>Make: Dlink, Model: NLU-FSDLSCR-24 (SC Duplex, SM)</p>						
3	<p>DEM-310GT SFP Transceiver compatible with DGS-1510-52X</p> <ul style="list-style-type: none"> ⇨ SFP, Single Mode, speed 1.25Gbps, ⇨ Distance 10km, ⇨ Compliant Standard: IEEE802.3z, 1000BASE-LX ⇨ Connector: Duplex LC connector ⇨ Wave length: 1310nm ⇨ Cable type: single mode 9µm fiber ⇨ Power supply: 3.3V <p>Make: Dlink, Model: DEM-310GT Warranty: 1 Year</p>	2					
4	<p>UPS 1100VA (Make-APC)</p> <p>Output:</p> <ul style="list-style-type: none"> ⇨ Output Power Capacity: 660 Watts / 1.1kVA ⇨ Max Configurable Power (Watts) 660 Watts / 1.1kVA Nominal Output Voltage 230V ⇨ Efficiency at Full Load 72.0 % ⇨ Output Frequency (sync to mains) 50 Hz Sync to mains Topology Line interactive ⇨ Waveform type Stepped approximation to a sinewave Output Connections: (1) India 2/3-pin 6A (4) India 2/3-pin 6A ⇨ Transfer Time 10 ms typical : 12 ms maximum <p>Input:</p> <ul style="list-style-type: none"> ⇨ Nominal Input Voltage 230V ⇨ Input frequency 45 - 65 Hz ⇨ Auto-sensing Input Connections India 3-pin 6A Cord Length 1.5meters ⇨ Input voltage range for main operations 145 - 290 V Number of Power Cords 1 ⇨ Efficiency at Full Load 72.0 % <p>Battery type: Lead Acid Battery</p> <p>Typical recharge time:6Hours</p> <p>Control panel LED status display with on line : on battery : replace battery and overload indicators</p> <p>Audible Alarm Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm</p> <p>Surge energy rating: 255Joules</p> <p>Maximum Height 282MM, 28.2CM, Maximum Width 132MM, 13.2CM ,Maximum Depth 259MM, 25.9CM, Net Weight 8.98KG</p> <p>Approvals BIS, Standard warranty 1 year repair or replace</p> <p>RoHS Compliant</p> <p>Operating Temperature 0 - 40 °C, Operating Relative Humidity 0 - 95 % , Operating Elevation 0 - 3048meters, Storage Temperature -15 - 45 °C, Storage Elevation 0 - 15240meters, Audible noise at 1 meter from surface of unit 45.0dBA</p> <p>Make: APC, Model: BX1100C-IN Warranty: 1 Year</p>	1					

	Part IV: Supply, Installation and Integration of Fiber loop between Building No.6 and 7B.						
1.	<p>Supply of Fiber cable (6 Core Armoured S.M.) including installation, Routing, laying, termination/splicing, OTDR testing and submission of OTDR testing report will be under the scope of supplier. OFC cable is to be laid from the Bldg. no. 6 to Bldg. no. 7B. Fiber cable will be laid underground. The 20 mtr. long digging and making of chambers (600 mm X 600 mm) at both ends will be under the scope of Supplier, depth of trench shall be at least 2 Feet in soil. The Fiber cable should be laid in High Density Polyethylene (HDPE) Pipes and RCC Hume Pipe NP2 Class in the road crossing. Supply of HDPE and RCC Hume Pipe (Hume pipe required length 20 mtr, Diameter 150mm) required will be under the scope of supplier. After the installation of HDPE with RCC Hume Pipe, the trenches should be filled to the same level with appropriate compaction and should be restored to their original conditions. Laying of fiber as per SOW in Annexure-III (2-b).</p> <p>a)Supply of 150mm RCC HUME pipe : 20 mtr b)Supply of 30 mm diameter HDPE pipe: 100 meter (Make: Jindal)</p> <p>6 Core S.M. Armoured Fibre Optic Cable Specifications:</p> <ul style="list-style-type: none"> ⇒ Fiber: 9/125µm (OS1) ⇒ Operating wavelength: 1310nm ⇒ Max attenuation:0.36 db/km ⇒ Dispersion (ps/nm-km): ≤3.5 ⇒ PMD (ps/km): ≤0.2 ⇒ Cable cut off wavelength (nm): ≤1260 ⇒ Operating Temperature : -20 °C to +60 °C ⇒ Storage temperature: -40 °C to +60 °C ⇒ Jacket material : HDPE ⇒ Standard: ISO 11801 ⇒ IEC60793-1,60794.1.2 ⇒ ITU-T REC G.652D <p>Make: Dlink</p> <p>Model No.: NCB-FS090-AUHD-06</p>	100	Meters				
	Part-V: Migration of Existing Network Device & Components into New 42U Racks.						
1	<p>Removing of LAN connections from old rack, shifting of old connections to new rack, Testing and Integration of existing Network equipment to the new 42U rack. Work includes cutting, crimping, punching, splicing, fixing, termination and testing of all OFCs and Cat-6 cables installed in the server Room and migration of it to new 42 U Rack are under scope of vendor.</p> <p>NOTE: The old OFC needs to be spliced from old Patch panels and need to be connected with new patch panels.</p>	1	Job				
	Part-VI: Migration of UPS and Batteries Bank from Server Room to ID card Room and installation of ATS into UPS rack						
1	<p>Shifting of APC UPS (2 Nos) along with 12V, 42AH UPS batteries (40 Nos) and battery rack (2Nos) to the adjacent room (ID card room).</p> <p>Already 03 nos of electrical cables are laid from server room to adjacent room. These cables need to be laid over the cable tray of size (130 mm W X 60 mm D). The length of the cable tray required is 15 mtr. Cable Tray and cover box are under the scope of supplier.</p>	1	Job				
2	<p>Supply & installation of rack mountable ATS (Automatic Transfer Switch) into existing UPS (10KVA) rack with following accessories</p> <ul style="list-style-type: none"> a) Supply of MCB distribution box (Make:Legrand; Size: 40x24x8 cm ; WxHxD) – 1No b) Supply of MCB 32A (Make:Legrand) – 2 Nos c) Supply of C19, 16A Male connectors – 2 Nos d) Supply of IEC 309, 32A Female connectors -2 Nos 	1	Job				

	<p>Specifications of ATS:</p> <ul style="list-style-type: none"> Nominal input voltage : 230V AC, 50 Hz Input connectors : Two (2) 2.44-m (8-ft) IEC-309 32-A power cords Input connections: IEC 309 32 A 2P+E Output connectors: Sixteen (16) C13 outlets, Two (2) C19 outlets Maximum output current: 10 A–C13 outlets, 16 A–C19 outlets, 16 A–bank, 10 A–gang Maximum output/input current : 32A Overload protection Internal : Two (2) 16-A single-pole circuit breakers 32A facility provided Transfer time : 10 ms maximum (high sensitivity, 50-60 Hz) 12 ms maximum (low sensitivity, 50-60 Hz) Short circuit current rating : 10 KA Physical Dimensions (HxWxD) : 88.1 x 431.8 x 236.2 mm (3.47 x 17.00 x 9.30 in) Weight : 6.94 Kg Temp operating storage: –5 to 45°C (23 to 113°F) –25 to 65°C (–13 to 149°F) Compliance: Safety : UL - EU / CE UL/EN/IEC 60950-1LVD 2014/35/EU EMC: EMC Directive 2014/30/EU Approved for IT power system : Yes Make: APC, Model: AP4424 Standard Warranty : 2 years 						
	Part-VII: Trouble shooting and repair of existing Optical Fiber Cable and Miscellaneous Work.						
1	Trouble shooting of existing Fiber cable (12-core S.M.) from <i>Central Building to Building No. 5</i> . Fiber cable needs to be rectified and joined using splicing tool. OTDR report is to be submitted after repair.	1	Job				
2	Trouble shooting of existing Fiber cable (6-core S.M.) from <i>Central Building to Bldg. no. 8</i> . Fiber cable needs to be rectified and joined using splicing tool. OTDR report is to be submitted after repair.	1	Job				
3	Motion High Black Seating Chair, Godrej interior (Product ID: 56101522SD02527) Make: Godrej, Warranty: 1 Year	5	Nos.				
4	Supply of Without wheel Chairs, Make: Godrej interior Model: Kareena NXT Product ID: 56101522SD02468 Warranty: 1 Year	5	Nos.				
5	Storage almirah for keeping Server room inventory. Make: Godrej interior Model: VSDU- 8 Size Dimensions: 1830H x 900W x 450D Warranty: 1 Year	2	Nos.				
6	Drawers' cabinets for storing Server Room manuals and procedures Make : Godrej interior Model: 4 Drawer Filing Cabinets Dimensions: 1320H x 470W x 620D Material: Alloy steel Finish Type: Powder Coated Warranty: 1 Year	2	Nos.				
7	RFID+Biometric card based door lock system at Network Room Entry door (With RFID Card - 12 nos) The network room should be open both by Card and Biometric, and out of the network room will be done with the help of emergency release switch. Door size: Height-8 feet, width- 6feet	1	No				

	<p>Model: eSSL K-30</p> <p>It is need to mention these following point while supplying the machine.</p> <ul style="list-style-type: none"> ⇒ Biometric Reader cum master controller with 1000 users and Fingerprint capacity 1000 and with TCP /IP Connectivity and which can take only Mifare/EM -card/ only Thumb/ Thumb + Card ⇒ Biometric Exit Reader connected to Main biometric with card/Thumb Option ⇒ 600 lbs Electromagnetic Lock – 1No ⇒ Emergency Release Switch– 1No ⇒ L bracket – 2 Nos ⇒ Access Software ESSL – 1No ⇒ Blank Access Cards EM/Mifare – 20 Nos ⇒ Cat 6 Cable with 25 mm PVC Conduit – 1 No <p>Make: eSSL K-30</p> <p>Warranty: 1 Year</p>						
8	<p>Digital display LED matrix based Name Plate with text “Network Room”</p> <p>Make: AL-QURAIISH P10 Led Running/Scrolling Programmable Text Message Display Board WI-FI (RED, 7INCH. x 25 INCH)</p>	1	No				
9	<p>Supply of Temperature & Humidity indicator with calibration certificate</p> <p>Model No.: SZ9922</p> <p>Warranty: 1 Year</p>	4	Nos.				
10	<p>Supply of 16 - Port PS2/ USB VGA, KVM Switch with 16 No. cable (16 Nos. Cable length 1.8mtr for 16 port)</p> <p>Model No.: ATEN CS1316,</p> <ol style="list-style-type: none"> 1. Computer connection : Direct-16 : Max-256 (via cascade) 2. Port selection : OSD, HOT keys, Pushbuttons 3. Connectors : <ol style="list-style-type: none"> a. Console Port : Keyboard, video, mouse: 1 x SPHD-18 Male (yellow) b. KVM Ports : Keyboard, video, mouse: 16 x SPHD-15 Male (yellow) c. FW Upgrade : FW Upgrade: 1 x RJ-11 Female(Black) d. Power : 1 X DC Jack 4. Switches : <ol style="list-style-type: none"> a. Port : 16 X Pushbutton b. F/W Upgrade : 1 X slide 5. LEDs : <ol style="list-style-type: none"> a. On Line : 16 (Orange) b. Selected : 16 (Green) c. Power : 1 (Dark Green) 6. Emulation : Keyboard/Mouse: Ps,2, USB 7. Video : 2048 x 1536; DDC2B 8. Scan Interval : 1-255 Seconds 9. Power Consumption : DC 5.3 V; 6.6W 10. Environment: <ol style="list-style-type: none"> a. Operating temp: 0-50 OC b. Storage Temp : -20-60 OC c. Humidity : 0-80% RH, non-Condensing 11. Physical Property : <ol style="list-style-type: none"> a. Housing : Metal b. Weight : 2.10 kg c. Dimension : 43.72 x 16.13 x 4.40CM <p>Make: ATEN</p> <p>Warranty: 2 Years</p>	4	Nos.				

11	<p>Supply of 1TB SSD Hard Disk</p> <ul style="list-style-type: none"> ⇨ Usage Application Client : PCs ⇨ Interface: SATA 6 Gbps Interface, compatible with SATA 3 Gbps & 1.5 Gbps interfaces ⇨ Hardware Information Capacity 1): 1TB ⇨ Controller Samsung MKX Controller ⇨ NAND Flash Memory: Samsung 4bit MLC V-NAND ⇨ DRAM Cache Memory: 1GB LPDDR4 ⇨ Dimension: 100x 69.85x 6.8(mm) ⇨ Form Factor 2.5 inch ⇨ Performance (Up to):- ⇨ Sequential Read: 560 MB/s ⇨ Sequential Write: 530 MB/s ⇨ 4KB Ran. Read (QD1): 11,000 ⇨ 4KB Ran. Write (QD1): 35,000 ⇨ 4KB Ran. Read (QD32): 98,000 ⇨ 4KB Ran. Write (QD32): 88,000 ⇨ Power Consumption: Idle DIPM on 30mW ⇨ Active (Avg.) Read/Write: 2.1W/2.2W <p>Reliability:-</p> <ul style="list-style-type: none"> ⇨ Temp. Operating 0°C to 70°C ⇨ Non-Operating -45°C to 85°C ⇨ Humidity 5% to 95% non-condensing ⇨ Shock Non-Operating 1,500G, duration: 0.5ms, 3 axis ⇨ Vibration Non-Operating 20~2,000Hz, 20G ⇨ MTBF 1.5 million hours ⇨ Data Security AES 256-bit Full Disk Encryption, TCG/Opal V2.0, Encrypted Drive (IEEE1667) <p>Warranty: 3 Years</p> <p>Make: Samsung</p>	3	Nos.				
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SUMMARY OF SCHEDULE-A

Name of Work: Supply, Installation, Commissioning and testing of Local Area Network (LAN) and its integration with existing network along with migration of existing Server Room network at BRIT/ BARC, Vashi Complex, Turbhe, Navi Mumbai.

Sl No.	Quantity	Description of work	Rate (Rs.)		Unit	Total Amount Rs.
			In Figure	In words		In Figure
1	2	3	4	5	6	7
1.	1	Supply, Installation, Commissioning and testing of Local Area Network (LAN) and its integration with existing network along with migration of existing Server Room network at BRIT/ BARC, Vashi Complex, Turbhe, Navi Mumbai.			1 No	
					Total	

Total Rupees in word:-

_____.

Note: -

(A) While estimating the rate, the cost of uniforms including industrial safety equipment for the safety to be taken into account.

(B) The rate should be inclusive of GST @ 18% and all other applicable taxes.

Signature Of the Contractor _____

Name of the Contractor _____

SCHEDULE - B

Schedule showing the materials to be supplied to the extend available by BRIT for the work contract to be executed.

Name of Work: Supply, Installation, Commissioning and testing of Local Area Network (LAN) and its integration with existing network along with migration of existing Server Room network at BRIT/ BARC, Vashi Complex, Turbhe, Navi Mumbai.

Sr. No.	Particulars	Quantity(Approx)	Unit	Rate at which the material will be charged to the contractor
1	Water	To the extend required	Ltr.	Free of Cost
2	Electricity	To the extend required	Unit	Free of Cost

Signature of Contractor : -----

Name of the contractor:-----

Address:-----
