



राष्ट्रीय विज्ञान शिक्षा एवं अनुसंधान संस्थान भुवनेश्वर

◁ परमाणु ऊर्जा विभाग, भारत सरकार का एक स्वयंशासित संस्थान ▷

NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH BHUBANESWAR

◁ An autonomous Institution under Department of Atomic Energy, Govt. of India ▷

संगणक केंद्र

COMPUTER CENTRE

Name of Work:

Annual Maintenance Contract (AMC) of Optical Fibre Cable (OFC) Network and Cleaning of Racks, LIUs, Switches with other allied works across NISER Campus.

NIT No. & Date:

NISER/CC/2022-23/028

Dated 16.12.2022

This tender documents contains 20 (Twenty) Pages



राष्ट्रीय विज्ञान शिक्षा एवं अनुसंधान संस्थान भुवनेश्वर
◁ परमाणु ऊर्जा विभाग, भारत सरकार का एक स्वयंशासित संस्थान ▷
NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH BHUBANESWAR
◁ An autonomous Institution under Department of Atomic Energy, Govt. of India ▷

संगणक केंद्र
COMPUTER CENTRE

TENDER DOCUMENTS

NIT No.: NISER/CC/2022-23/028

Dated: 16.12.2022

Name of work:

Annual Maintenance Contract (AMC) of Optical Fibre Cable (OFC) Network and Cleaning of Racks, LIUs, Switches with other allied works across NISER Campus.

INDEX

Sl.	Particulars	Page
1	Notice Inviting Tender and Tender Notice	03-04
2	General T&C for works	05-06
3	Scope of Work	07
4	Manpower requirements and List of Components	08-11
5	Contract Period	11-12
6	Responsibility at the end-of-the-contract-period	12-13
7	Execution of Work and other clauses	13-18
8	Measurement of Work and Payment	19
9	Schedule of Service	20



राष्ट्रीय विज्ञान शिक्षा एवं अनुसंधान संस्थान भुवनेश्वर

◁ परमाणु ऊर्जा विभाग, भारत सरकार का एक स्वयंशासित संस्थान ▷

NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH BHUBANESWAR

◁ An autonomous Institution under Department of Atomic Energy, Govt. of India ▷

संगणक केंद्र COMPUTER CENTRE

NOTICE INVITING TENDER

NIT No.: NISER/CC/2022-23/028

Dated: 16.12.2022

Director, NISER invites e-tenders in two parts (Technical and Financial Bid) for the following work.

Name of work:

Annual Maintenance Contract (AMC) of Optical Fibre Cable (OFC) Network and Cleaning of Racks, LIUs, Switches with other allied works across NISER Campus.

Estimated Cost: ₹15,49,930/-

Earnest Money: ₹31,000/-

Cost of Tender: ₹500/-

Pre-Bid Clarification (email): until 26.12.2022, 17:30 Hrs

Last date/time of receipt of tender: 05.01.2023 up to 17:30 Hrs

Opening of Technical Bids: 06.01.2023, 11:00 Hrs

Opening of Financial Bids: 15.01.2023 (Tentative Date)

Tender can be downloaded and bided from website: <https://eprocure.gov.in/eprocure/app>

Tender documents (viewing only) is also available in NISER website: <https://www.niser.ac.in/content/tender>

Subhankar Mishra

FI/C (Computer Centre)

Standard e-Tender Terms & Conditions

The details of tender notification can be downloaded from <https://eprocure.gov.in/eprocure/app> or Tender Free View Link from NISER Website <https://www.niser.ac.in/content/tender>

1. Vendors should obtain the USER-ID and PASSWORD from **CPP Portal** by clicking on "<https://eprocure.gov.in/eprocure/app>" link in the homepage.
2. For further details on e-Tender participation, please contact Help desk as mentioned below.
Telephone: 0120 – 4200462 / 4001002 / 4001005 / 6277787
Email: support-eproc@nic.in
3. Tenders should be submitted only through CPP portal and obtain the Tender Acknowledgement copy as a proof of successful submission.
4. Tender documents for viewing only are also available in NISER web-site address: www.niser.ac.in.
5. All corrigendum and addendum will be published on NISER website and CPP Portal.
6. NISER is publishing all its public and limited tender on NISER website.
7. For any query regarding tender terms & conditions please send email to spo@niser.ac.in



राष्ट्रीय विज्ञान शिक्षा एवं अनुसंधान संस्थान भुवनेश्वर

◁ परमाणु ऊर्जा विभाग, भारत सरकार का एक स्वयंशासित संस्थान ▷

NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH BHUBANESWAR

◁ An autonomous Institution under Department of Atomic Energy, Govt. of India ▷

संगणक केंद्र COMPUTER CENTRE

Tender Notice

Director, NISER invites e-tenders in two parts (Technical and Financial Bid) for the following work from contractors for Computer Centre works those who have worked for DAE or its Organizations or Govt. /Semi Government organizations and have successfully carried out a minimum of one/two/three similar works (BUILDING or Lab. Wiring/ LAN Points) of 80%/60%/40% respectively of the estimated cost or above, as indicated in the prescribed format of the E-Tender portal in last seven years. The eligible contractors may submit their bid along with supporting documents of fulfilling the above conditions otherwise the bid bears the risk of not being considered. **Feedback shall be collected from the concerned Govt. Dept./Organisation regarding previous works executed by the bidder. Any negative feedback officially received may lead to disqualification.**

Name of Work	Estimated Cost	Earnest Money	Cost of Tender	Performance Security
Annual Maintenance Contract (AMC) of Optical Fibre Cable (OFC) Network and Cleaning of Racks, LIUs, Switches with other allied works across NISER Campus. NIT No. NISER/CC/2022-23/028 Dt. 16.12.2022	₹15,49,930	₹31,000 MSME/NSIC EXEMPTION	₹500 NO EXEMPTION	@5% of tendered amount

The Bidders are requested to give detailed tender in E-Tender portal in the prescribed forms in separate Bids (comprising Technical Bid and Financial Bid).

Tender process & award of contract: The technical bid will be evaluated to shortlist the eligible bidders. The financial bid of only the short-listed bidders shall be considered for further processing. Bidders whose technical offer is found acceptable and meeting the eligibility requirements as specified in this tender will be qualified for opening of the financial bid. NISER will open financial bid of only the technically qualified bidders.

The earnest money deposit as indicated against the work should be sent by post or by hand to **SO-F (Computer), Computer Centre, SMS Building, NISER, At/PO-Jatni, District-Khurda, Odisha-752050** so that it reaches on or before the opening of the technical bid for e-tender system, in the form of **Account Payee Bank Draft** payable on any branch of Nationalized/Schedule Bank at Bhubaneswar/Jatni in favour of **Director, NISER** payable at Bhubaneswar/Jatni in a sealed envelope. All tenders submitted without requisite amount of earnest money shall be rejected and their technical and financial bid shall not be opened. No interest is payable on EMD.

Director of NISER, reserves the right to accept/reject any/all tenders without assigning any reason whatsoever. Part or incomplete tenders will be summarily rejected. No further correspondences whatsoever shall be entertained in this regard. Canvassing in any manner shall result in rejection of the tender.

Any dispute arising out of this shall subject to Bhubaneswar jurisdiction only.

Subhankar Mishra

FI/C (Computer Centre)

General Terms & Conditions

E-tenders are hereby invited from contractors for the Computer Centre Works NISER, Bhubaneswar for the work of Annual Maintenance Contract (AMC) of Optical Fibre Cable (OFC) Network and Cleaning of Racks, LIUs, Switches with other allied works across NISER Campus.

1. The eligible contractors may submit their bid along with supporting documents of fulfilling the above conditions otherwise their bids bear the risk of not being considered. The eligible contractors are also required to submit the self-attested copies of PAN card, registration, GST document, ESI/EPF Registration.
2. In support of fulfilling all the essential conditions mentioned in the previous Para the contractor shall submit the details of the past work, mentioning the name of work, estimated cost, tendered amount, gross value of work done, date of commencement as per agreement & actual date of completion as per agreement along with schedule of quantities executed.
3. Initial AMC Period will be **ONE YEAR** and extendable to further period of one year on successful and satisfactorily completion of first year.
4. The tender documents can be made available at the office of **SO-F (Computer)** on written request along with the tender cost through DD. No cash will be accepted towards tender cost.
5. e-Tenders should be submitted in the prescribed format (Non-transferable), which may be downloaded from NISER website: <https://www.niser.ac.in/content/tender> or collected from the office of the **SO-F (Computer)** by depositing the tender cost of **₹500/-** (Rupees Five Hundred Only) through A/c payee DD or pay order from any scheduled bank drawn in favour of Director, NISER before last date. In case of downloaded tenders, no tender cost is required. Tender documents should reach by post to **SO-F (Computer)** before the last date of submission of the technical bid. Please note that tender cost is not transferable.
6. e-Tender documents are to be submitted in **two parts**. The First part shall consist of the Technical Bid, EMD details and the documents in support of eligibility criteria. The second part shall contain the Financial Bid showing the detail schedule of work & to be sealed in a separate envelope super scribing the name of work, address of contractor and date of opening. Please note, that bids submitted without tender cost and EMD will summarily be rejected.
7. Director of NISER does not bind himself to accept the lowest or any tender and reserves the right to accept the tender either in whole or in part. The decision of the Director shall be final in this regard.
8. The Earnest Money amounting to **₹31,000.00 (Rupees Thirty-One thousand only)** in shape of demand draft or pay order from any scheduled bank and drawn in favour of Director, NISER should reach **SO-F (Computer)** before last date. Tender received without earnest money will be invalid and rejected.
9. Director, NISER does not bind himself to accept the lowest or any tender and reserves the right to accept the tender either in whole or in part. The decision of the Director shall be final in this regard
10. Canvassing in any manner or form will lead to rejection of the Bid.
11. The tenderer shall not be permitted to bid for works in any unit of DAE where any of his/her relatives are employed. He shall also intimate the names of any such persons who are working with him in any capacity or subsequently employed by him and whose relatives are working in DAE or its units.

NOTE: A person shall be deemed to be a relative of another if, (a) they are members of a Hindu undivided family; or (b) they are husband and wife; or (c) the one is related to the other in the following manner : Father, Mother (including step mother), Son (including step son), Son's wife, Daughter (including step daughter), Father's father, Son's son, Son's wife, Son's daughter, Son's daughter's husband, Daughter's husband, Daughter's son, Daughter's son's wife, Daughter's daughter, Daughter's husband, Brother (including step brother), Brother's wife, Sister (including step sister), Sister's husband.
12. The Bid shall remain valid for a minimum period of 90 days from the date of opening of the tender for the purpose of acceptance and award of work. Validity beyond 90 days from the date of opening shall be by mutual consent.
13. The tenderer shall quote the rates both in figures as well as words. The cost of individual items shall also be worked out and mentioned in the financial bid (both in figures and words). On check if there are differences between the rates quoted by the tenderer in words and in figures or in the amount worked out by him, the following procedure shall be followed.
 - a) When there is a difference between the rates in figures and in words, the rates, which correspond to the amounts worked out by the bidder for individual items, shall be reckoned.
 - b) In case, the amount of an individual item is not mentioned by the bidder or it does not correspond with the rate written either in figures or in words, the rate quoted by the bidder in words shall be reckoned.

- c) In case the rate quoted by the bidder, both in figures and in words tallies but the amount is not worked out correctly, the total rate quoted by the bidder shall be taken as correct.
- d) The tenderer should see and obtain the drawings. In case of any queries, necessary clarifications may please be sought from the office of the Scientific Officer–F (Computer). No claim whatsoever will be entertained in this regard for any alleged ignorance, thereof.
14. Before tendering, the tenderer shall inspect the site to fully acquaint himself about the condition in regard to accessibility to site, nature and extent of ground, working condition of site and locality including stacking of materials, conditions affecting accommodations and movement of labour, etc., which are required for satisfactory execution of the work. No ignorance of the same, whatsoever shall be entertained under any circumstances.
15. EMD is liable to be forfeited if the contractor fails to commence the work as per award letter.
16. Except writing rates and amount, the tenderer should not write any conditions or make any changes, additions, alterations and modifications in the printed tender form. The tenderer who are desirous to offer rebate the same should be brought out separately in the covering letter and submit along with the financial bid.
17. **Payment shall be released on monthly basis post work completion.**
18. Stores to be issued: – No material shall be issued by the Institute. The responsibility for arranging all materials from approved manufacturer as per award letter lies with the contractor.
19. There will be deduction of TDS from every monthly bill and also from the final bill of the contractor at the rate prescribed by govt. of India from time to time.
20. The successful bidder will be required to submit the names, qualifications and experiences of the staff to be deployed for execution of the work. In case of any changes occurring during the course of execution of the said work, the same shall also be intimated by the bidder to the institute.
21. The tenderer should also submit the detail list of tools and plants/ machineries/ equipment, etc. that he proposes to place at the site of work.
22. The Contractor shall have to make his own arrangements for storage of materials required for execution of the work and NISER in any manner shall be held responsible for the storage and safe custody of the said materials at work site.
23. Before commencement of the work, the contractor has to submit the list of tools and plants brought to the site of work. No items other than the list submitted will be allowed to be taken out from the work site.
24. All the mandatory testing charges will be borne by the contractor.
25. Cost escalation in any manner whatsoever, will not be accepted for the said work, where in the stipulated period of AMC is 01 Year.
26. The work will be executed as per CPWD guidelines and DAE works procedure under the supervision of Engineer–In–charge of NISER.
27. The tenderer shall show all the original documents which he/she has furnished in the tender within seven working days after opening of technical bid, else otherwise financial bid of the tenderer will not be considered.

Subhankar Mishra

FI/C (Computer Centre)

SCOPE OF WORK

The contractor shall have to take up both preventive as well as break down maintenance jobs. The Engineer-in charge will give instructions regarding jobs to be carried out as and when requirement arises at the site. The Contractor shall have to carry out the jobs in consultation with Engineer-in-charge and have to be completed in all respect to the entire satisfaction of Engineer-in-charge, such as "Scheduled checking/servicing/overhauling of the OFC already laid across NISER Campus as per instructions of Engineer and maintenance schedules indicated in this tender document or recommended by manufacturers as the case may be & attending the faults in the OFC wherever these go out of order or work inefficiently". Cost of materials, labour, tools, etc. as required for the maintenance work is to be borne by the contractor.

1. Maintenance of OFC of length 56.12km (6 Core OFC = 44.86Km + 12 Core OFC = 11.26Km), Periodic Cleaning/Maintenance of 100 (approx.) LIUs and 221 Network Racks & 108 underground OFC chambers.
2. Cleaning of Network Racks, LIUs, Switches, OFC chambers and proper arrangement of network cables inside the racks.
3. Required tools such as (Fibre Optic Cleaning tool, Spirit alcohol for cleaning optical fibre patch cord connectors, Optical power meter, Laser torch, LAN tester, RJ45 Crimping tools, Drill machine with accessories, vacuum cleaner, cotton duster) to be kept on site throughout the AMC period.
4. Earth excavation for retrieving HDPE duct and OFC cable at the site of damage of Cable.
5. Providing 24 core SM OFC enclosure for outdoor duty.
6. End & straight jointing of OFC by splicing.
7. Pulling of existing OFC for enabling jointing.
8. Installation of RCC chamber with cover of suitable size to accommodate outdoor enclosure.
9. Laying and troubleshooting of optical fibre cable as and when required and routine preventive maintenance.
10. Replacement of the entire LIU caused due to any damage or any core cutting of fibre, in that case the LIU shall be provided by the Organization.
11. Indoor laying of Cat 6 cable of length 3,000m (max.) with ISI grade conduit/casing-capping*.
* conduit/casing-capping, C-nail have to be provided by vendor/contractor.
12. In spare time the technician may be assigned work related to the preventive maintenance of the passive components of the campus LAN which includes: – Punching & Crimping of Cat 6 cables at Information Outlet and patch panel, network rack fixing, labelling of LIUs, network racks.
13. Materials required must be supplied by contractor and it is expected that a stock of regularly required items are kept on site to reduce the turnaround time against any fault.
14. Labourer shall be engaged by the contractor as and when required and the cost has to be borne by the contractor.
15. All terminated cables to be checked for continuity with LASER light and OTDR test loss measurement in every six months in presence of representatives of NISER.
16. Finding location of OFC fault by OTDR and splicing of cable if needed.
17. Installation of water, aging, and fire proof aerial/ wall-mounted/ underground/ duct- mounted 24-core SM OFC vertical enclosure for outdoor duty confirming TEC specification No.TEC/GR/TX/OJC-002/03APR-2010Make: Reychem, Digilink/ Schneider/ Micro Engineers/ Ericsson/ 3M.
18. End/straight jointing of SM OFC per core using fusion splicing method and testing including supply of all the required materials except pigtail. Loss at connection should be less than 0.3dB @ 1310nm. splicing.
19. Pulling of existing OFC for enabling jointing including opening of cable loops available in chambers/ at ends and again maintaining the original condition.
20. Removing/pulling-out of damaged OFC cable and supply, laying, fixing on wall/pulling through existing HDPE pipe of OFC cable, termination at both ends with required connector for each segment.
OFC Make: Commscope/Molex/Belden/Panduit/Digisol

MANPOWER REQUIREMENTS

1. Deployment of 03 onsite technicians (One day weekly off, timing as decided by NISER authority & must have a two wheeler per technician to attend the network calls across the campus).
2. Each technician should follow the safety norms while working onsite. For any kind of accident, the vendor/contractor will be held responsible.
3. Vendor/contractor should provide the escalation matrix for support.
4. Each technician should have an official email-ID for communication regarding service calls.
5. Technicians should carry their company ID-cards while working in NISER premises.
6. Technicians have to undergo a formal interview held by NISER authority before joining onsite.

LIST OF COMPONENTS & LOCATION

#	LOCATION	12U Rack	30U Rack	42U Rack	LIUs (12F)	LIUs (6F)
1	Water Works Building	2			2	
2	Main Entry Gate1	2			2	
3	Green House	1			2	
4	Main Receiving Station	2			2	1
5	Math	1	3		11	2
6	Physics	1	5	1	3	
7	Chemistry	1	3	3	3	
8	Biology	1	6		3	
9	Library	1	2	1	3	
10	Administration	4			3	
11	Dean Bungalow (E1/3)	2			5	
12	Director Bungalow (E3)	1			1	
13	DOH-1 Building	8		1	3	
14	DOH-2 Building	7		1	3	
15	DOH-3 Bungalow	7		1	3	
16	DOH-4 Building	7		1	4	
17	SOH-1 Building	8		1	3	
18	SOH-2 Building	7		1	4	
19	SOH-3 Building	7		1	3	
20	SOH-4 Building	7		1	3	1
21	SOH-5 Building	7		1	2	1
22	D1 Type	3			3	2
23	D2 Type	3			1	
24	D3 Type	3			2	
25	D4 Type	3			1	1
26	E14 Type	2			4	
27	E21 Type	2			2	1
28	A1	2			2	1
29	A2	3			1	1
30	B1	2			2	1
31	B2	3			2	
32	C1	3			2	
33	C2	3			3	1
34	Flat lets	2			2	
35	Lcs1	2			2	1
36	Lcs2	2			1	1
37	Lcs3	2			1	
38	Lcs4	2			2	1
39	Lcs5	1			1	
40	Meditation Centre	2			1	1
41	Humanity Centre	2			1	1
42	Health Centre	1			2	1

43	Primary School	1			1	1
44	Main Gate 2	1			1	1
45	Animal House	1				1
46	SAC-1	1			1	1
47	SAC-2	1			2	1
48	Aquatic Centre	1			1	
49	Auditorium	1			1	
50	Community Centre	1			1	1
51	Workshop	2			3	
52	Bank Post Office	1				1
53	E-43	2			4	1
54	E-60	2			2	1
55	E-66	1			2	1
56	E-10	1				1
57	E-4	1			1	
58	STP	1				1
59	E-48	1				1
60	AC Plant			1		1
61	Site Office	2	1			1
	TOTAL	155	20	15	126	34

OPTICAL FIBRE CABLE (OFC) SCHEDULE

6F Fibre

#	FROM	Length (m)	TO
1	Admin Building (6F) Service	147	Chemical Building
2	Chemical Building (6F) Service	150	Biology Building
3	Biology Building (6F) Service	220	Library Building
4	Library Building (6F) Service	218	Physics Building
5	Physics Building (6F) Service	122	Mathematics Building
6	Admin Building Back Side (6F) Service	1,300	Mathematics Building Back Side
7	Main Gate (6F) Service	461	M.R.S
8	Meditation(6F) LAN	700	Workshop
9	Main Gate (6F) LAN	500	M.R.S
10	Math (6F) Service	960	M.R.S
11	Main Gate (6F) Service	380	Green House
12	Main Gate (6F) LAN	400	Green House
13	Green House(6F) Service	250	L.C.S.4
14	Green House(6F) LAN	250	L.C.S.4
15	L.C.S. 4(6F) Service	350	SOH 1
16	DOH1 (6F) Service	200	SOH1
17	DOH1 (6F) Service	150	DOH 2
18	DOH3 (6F) Service	400	DOH 2
19	L.C.S. 4(6F) Service	450	Flatlet
20	L.C.S. 4(6F) LAN	450	Flatlet
21	A1(6F) LAN	350	Flatlet
22	A2(6F) Service	350	Flatlet
23	A1(6F) LAN	425	A2
24	A2(6F) Service	425	A1
25	A1(6F) LAN	450	B1
26	B1(6F) Service	450	A1
27	B2(6F) LAN	250	B1
28	B1(6F) Service	250	B2
29	B2(6F) LAN	550	C1

30	C1(6F) Service	550	B2
31	C2(6F) LAN	325	C1
32	C2(6F) Service	325	C1
33	C2(6F) LAN	250	Primary School
34	C1(6F) Service	250	Primary School
35	D1(6F) Service	355	Primary School
36	C2(6F) LAN	1,700	Sac2
37	C2(6F) LAN	250	LCS3
38	C2(6F) Service	250	LCS3
39	Dean Bungalow (6F) LAN	190	Director Bungalow
40	E21 (6F) Service	400	D1
41	DOH3 (6F) Service	424	Aquatic
42	Aquatic (6F) Service	900	SOH2
43	Sac1 (6F) LAN	300	SAC2
44	Auditorium (6F) LAN	450	Workshop
45	Auditorium (6F) Service	450	Workshop
46	Lcs1 (F) LAN+Service	600	Animal House
47	Main Gate2 (6F) LAN	500	E60
48	E43 (6F) LAN	300	E60
49	E43 (6F) LAN	300	E60
50	E43 (6F) Service	300	E60
51	E66 (6F) LAN	300	Health Centre
52	E21 (6F) LAN	250	E4
53	E4 (6F) LAN	300	E10
54	E21 (6F) Service	300	D4
55	E43 (6F) LAN	320	LCS2
56	E43 (6F) Service	320	LCS2
57	E43 (6F) LAN	200	E48
58	D3 (6F) LAN	200	D4
59	D3 (6F) Service	200	D4
60	SOH4 (6F) LAN	350	Bank Post office
61	Dean Bungalow (6F) Service	1,700	STP
62	SOH2 (6F) LAN	250	LCS5
63	SOH2 (6F) Service	250	LCS5
64	Meditation (6F) LAN	950	M.R.S
65	Meditation (6F) Service	950	M.R.S
66	E14 (6F) Service	220	E21
67	Sac1 (6F) LAN	780	Math
68	SOH5 (6F) Service	600	DOH4
69	DOH4 (6F) Service	650	Lcs1
70	Math (6F) LAN	1,750	D1
71	Math (6F) LAN	1,750	D1
72	D1 (6F) LAN	740	E14
73	D1 (6F) LAN	740	E14
74	DOH4 (6F) Service	650	SOH3
75	DOH4(6F) Service	465	SOH4
76	Lcs2 (6F) Service	500	Main Gate 2
77	Main Gate2 (6F) Service	275	Community Center
78	Community Center (6F) Service	700	Dean Bungalow
79	Community Center (6F) LAN	700	Dean Bungalow
80	Dean Bungalow (6F) Service	800	SOH4
81	SOH5 (6F) Service	600	DOH4

82	D1 (6F) LAN	250	D2
83	D1 (6F) Service	250	D2
84	Dean Bungalow (6F) Service	190	Director Bungalow
85	Lcs1 (6F) Service	275	Humanity
86	Lcs1 (6F) LAN	275	Humanity
87	Math (6F) LAN	520	Humanity
88	Lcs1 (6F) LAN	425	Math
89	Water Works (6F) LAN	225	Workshop
90	Water Works (6F) Service	225	Workshop
91	Math (6F) LAN	400	Waterworks
92	Site Office (6F) LAN	700	B1
93	E43 (6F) LAN	380	E14
94	E43 (6F) LAN	380	E14
95	E43 (6F) Service	380	E14
96	E43 (6F) LAN	300	E21
TOTAL 44,862 metres (44km and 862m)			

12F FIBRE

#	FROM	Length (m)	TO
1	Admin Building (12F) LAN	147	Chemical Building
2	Chemical Building (12F) LAN	150	Biology Building
3	Biology Building (12F) LAN	220	Library Building
4	Library Building (12F) LAN	218	Physics Building
5	Physics Building (12F) LAN	122	Mathematics Building
6	Admin Building Back Side (12F) LAN	1,300	Mathematics Building Back side
7	Math (12F) LAN	1,150	SOH1
8	SOH1 (12F) LAN	196	DOH1
9	DOH1 (12F) LAN	130	DOH2
10	DOH2 (12F) LAN	425	DOH3
11	DOH3 (12F) LAN	725	Math
12	SOH2 (12F) LAN	300	SOH3
13	SOH3 (12F) LAN	570	SOH4
14	SOH5 (12F) LAN	480	SOH4
15	Dean Bungalow (12F) LAN	700	Math
16	D3 (12F) LAN	400	E14
17	Dean Bungalow (12F) LAN	350	E66
18	E60 (12F) LAN	200	E60
19	DOH4 (12F) LAN	335	SOH5
20	Math (12F) LAN	455	DOH4
21	Math (12F) LAN	660	SOH2
TOTAL 9,233 metres (9km and 233m)			

CONTRACT–PERIOD

- The successful bidder will be awarded the work for 1 year. Contractor shall commence the work as per date specified in the Letter of award which will be the effective date of start of 12 months' contract period. If the Contractor commits default in commencing the work as per issuance of written orders to commence the work, NISER shall, without prejudice to any other right or remedy available in law, be at liberty to deduct the AMC charges proportionally.
- The successful bidder must familiarize himself fully with the installations and corresponding arrangements in the buildings (at no extra cost to NISER) before signing the AMC agreement.

- NISER reserves the right to rescind the contract agreement at any time by giving 15 days' notice if the services of the contractor are not found satisfactory or not up to the standards OR at any stage, if it is found that bidder has secured the contract through fraudulent means, documents, information based on which the bid of the successful bidder has been accepted or non-fulfilment of any other obligation on the part of the contractor as per provision of tender/contract. The decision of NISER in respect of the above will be final in this regard.
1. The contractor shall attend to any maintenance problems and rectify the defects within the time limit set against different classification of rectification work as stipulated below:
 - Minor/Medium/Major rectification works within 8 hours of notification to the contractor by NISER.
 2. However, in case of any doubt in classification of rectification work, contractor can give technical justification and ask for extra time for approval of Engineer in charge who will have power to grant such extra time/change the classification of rectification work depending upon the correct technical justification and a reasonability of time scheduling for such extension/change of classification of a particular rectification work.
 3. In case of un-serviceability/dysfunction of any segment of OFC laid across the campus for a longer period, penalty as detailed below shall also be imposed on the contractor and the amount will be recovered from their respective monthly bills.

#	Period	Penalty	Remarks
1	4 to 7 consecutive days	25% of respective monthly bill	In case the period is repeated in the same month, penalty will be calculated on pro-rate basis.
2	8 to 15 consecutive days	50% of respective monthly bill	
3	more than 15 consecutive days	100% of respective monthly bill	

NOTE: In exceptional cases, competent authority of NISER may consider to extend the time limit mentioned above. The decision of competent authority shall be final and binding on the contractor in respect of category of rectification of defects. However, all complaints will be attended promptly and the time limit set for each category is the maximum time limit.

4. OTDR test to be conducted within first 2 weeks of every 6 months from the date of start of AMC failing which will fetch penalty on monthly bills as follows.

#	Delay Period	Penalty	Remarks
1	7 to 15 days	10% of respective monthly bill	In case the period is repeated in the same month, penalty will be calculated on pro-rate basis.
2	16 to 30 days	20% of respective monthly bill	
3	more than 30 days	30% of respective monthly bill	

5. A snag list of the installations covered in the present scope of work shall be prepared jointly by successful bidders & NISER so as to complete the defect-rectification work well before the actual contract period is over. However, nothing shall be paid extra for preparation of snag list and preparation of snag list will not be considered as date of start. In case contractor is asked in writing to arrange rectification of any defect at the time of accepting the work order of AMC, the cost of rectification shall be reimbursed to him on actual basis.

Note:

- (i) Any damage to the installations during the period of contract will be made good by the contractor without any extra cost to. Further, contractor would also indemnify NISER for the damages caused due to negligence in imparting the services.
- (ii) Successful bidder shall submit copy of agreements with specialized agencies/associates of repute duly approved by NISER including with OEMs agencies at the time of start of work.

RESPONSIBILITY AT THE END-OF-THE-CONTRACT-PERIOD

1. Responsibility of the contractor at end of the contract period

- All equipment taken for maintenance during the contract period shall be handed over back to NISER in good working condition.
- Any equipment taken outside for repair from NISER Campus shall be handed over in good working condition well before the end date of contract.
- Passes issued by NISER to the contractor' employees if any shall be handed over to NISER representative.

- In case any equipment not handed over to NISER in good working condition, then NISER would get them repaired/procured on its own from other sources at the risk & cost of the contractor and the cost (along with 20% extra Charge) incurred shall be deducted from any payment due to him/security deposit.
2. All the employees of the contractor shall be in proper neat & clean uniform (including shoes) and will behave courteously, disciplined and professional manner maintaining absolute integrity during their duty / service hour in NISER Campus. The employees of the contractor shall display their photo ID cards duly issued and signed by the contractor while attending to the complaint in NISER Campus.
 3. NISER Engineer In-Charge or his nominated officer can carry out any surprise inspection, without any notice and deficiencies in service equipment, spares, manpower or any other position of contract pointed out in inspection register maintained by contractor or through other means shall be made good by contractor failing which risk & cost provisions for deficient service shall be invoked.
 4. **Requirement of technician representative & recovery rate –**
Contractor has to deploy three manpower in category of Technicians of minimum qualification ITI/Class-10 from 09:00 to 18:00 hrs daily with presence of at least 08 hours per day including holidays, failing which shall fetch a penalty @₹15,000 per month per technician on daily basis or lump sum as decided by competent authority. The contractor has to plan his jobs so as to ensure satisfactory maintenance as per the instruction of engineer-in-charge. The technicians must have skill and sound knowledge for conducting OTDR test and splicing themselves and the bidder must not rely on third party support regarding manpower or devices like OTDR/Splicing Machine, etc.

Minimum qualification of technical representative	Designation	Min Exp. (yrs)	No of manpower deployed	Rate at which recovery shall be made from the contractor in the event of not fulfilling the above said in point no. 4	Skill base
ITI/Class 10 th	Technician*	02	03	₹15,000/- per technician per month	Splicing, punching, crimping and anything related to AMC

* The above staff to be nominated from the start of the work order and to be deputed at site.

OTHER REQUIREMENTS TO BE FULFILLED BY THE BIDDER

1. All coordination in respect of legal obligations of NISER for this Contract in terms of any accident/ incident / inspection, Govt. department's viz. Odisha Electricity Board or Other local authority like: Pollution control board, Central Electricity Authority etc. shall be carried out by the contractor. However, contractor will provide / furnish such information to Engineer-in-charge as may be required during investigations.
2. Bidder should in his technical bid provide detail of the manpower and equipment, bidder proposes to be used/ deployed by him/ those to render the Services covered in these Tender documents.
3. An undertaking for supply of spares for various assemblies (components) & subassemblies of manufacturer obtaining a clearance from various OEMs shall be submitted.

EXECUTION OF WORK

1. The contractor shall execute the whole and every part of the work in the most professional and workmanlike manner both as regards materials and otherwise in every respect in strict accordance with the agreement, site requirements & instructions of the Engineer-in-Charge. The contractor shall comply with the provisions of the contract and with the care and diligence & execute and maintain the installations and provide all labour and materials, tools and plants in so far as necessary for providing these or as inferred from the contract. The Contractor shall take full responsibility for adequacy, suitability and safety of all the works and methods of maintenance.

2. The contractor is required to obtain approval of Engineer –in–charge in respect of Periodical preventive maintenance schedule for all the assets in the complex under the scope of this contract, within 15 days from the date of letter of award.
3. The contractor is required to submit the copy of the Service report of OEMs or their authorized agency (if any) or agency approved by NISER (as the case may be) after attending defect/preventive maintenance as per schedule of OEMs or the schedule approved by NISER for the installations for maintenance of which OEMs has not been defined in the tender documents.
4. The Engineer–in–Charge shall have power...
 - a. To make alteration in, omissions from, additions to, or substitutions for the original instructions that may appear to him to be necessary or advisable during the progress of the work, and...
 - b. To omit a part of the works in case of non– availability of a portion of the site or for any other reasons and the contractor shall be bound to carry out the works in accordance with any instructions given to him in writing by the Engineer–in– Charge and such alterations, omissions, additions or substitutions shall form part of the contract as if originally provided therein and any altered, additional or substituted work which the contractor may be directed to do in the manner specified above as part of the works, shall be carried out by the contractor on the same conditions in all respects including price on which he agreed to do the main work or on assessed rates.
5. Rates for altered or substituted or additional work or extra item shall be determined as follows;
 - a. If the rate for altered or substituted item of work is specified in the schedule of quantities; the contractor shall carry out the altered or substituted items at the same rate. In the case of composite tenders, where two or more schedules of quantities may form part of the contract, the applicable rate shall be taken from the schedule of quantities of that particular part in which the deviation is involved, failing that at the lowest applicable rate for the same item of work in the other schedules of quantities.
 - b. If the rate for any altered or substituted item of work is not specified in the schedule of quantities, the rate for that item shall be derived from the rate for the nearest similar item specified therein. In case of composite tenders where two or more schedule of quantities form part of the contract, the rate shall be derived from the nearest similar item in the schedule of quantities of the particular part of works in which the deviation is involved failing that from the lowest of the nearest similar items in other schedule of quantities.
 - c. If the rate for any additional or substituted item of work cannot be determined in the manner specified above, the contractor shall, within 15 days of the date of receipt of the order to carry out the said work, inform the Engineer– in–Charge of the rate which he proposes to claim for such item of work, supported by analysis of the rate claimed, and the Engineer–in–Charge shall, within one month thereafter, after giving due consideration to the rate claimed by the contractor, determine the rate on the basis of market rate(s). In the event of the contractor failing to inform the Engineer–in–Charge within the stipulated period of time, the rate which he proposes to claim, the rate for such item shall be determined by the Engineer–in–Charge on the basis of market rate(s).

NO COMPENSATION FOR ALTERATION OR RESTRICTIONS OF WORK TO BE CARRIED OUT

If at any time after the commencement of the work, NISER shall decide to abandon or reduce the scope of the works for any reason whatsoever and hence not require the whole or any part of the works thereof as specified in the tender to be carried out, the Engineer–in–Charge shall give notice in writing of fact to the contractor who shall have no claim to any payment of compensation or otherwise whatsoever, on account of any profit or advantage which he might have derived from the execution of the work in full but which he did not derive in consequence of the full amount of the work not having been carried out, neither shall he have any claim for compensation by reason of any alternations having been made in the original specifications, drawings, designs and instructions which shall involve any curtailment of the work as originally contemplated.

CONTRACTORS TO SUPPLY TOOLS & MATERIALS ETC.

The contractor shall provide at his own cost all materials, plant, tools, appliances, implements, ladders, scaffolding and temporary works etc. required for the proper execution of the work, whether original, altered or substituted and whether included in the specification or other documents forming part of the contract or referred to in these conditions or not, or which may be necessary for the purpose of satisfying or complying with the requirements of the Engineer-in-Charge as to any matter as to which under these conditions he is entitled to be satisfied, or which he is entitled to require together with carriage therefore to and from the work. The contractor shall also supply without charge the requisite number of persons with the means and materials, necessary for the purpose of setting out works and counting, weighing and assisting the measurement for examination at any time and from time to time of the work or materials. Failing his so doing the same may be provided by the Engineer in charge at the expense of the contractor and the expenses may be deducted, from any money due to the contractor, under this contract or otherwise and / or from his security deposit or the proceeds of sale thereof, or of a sufficient portion thereof.

While bringing the equipment inside NISER office complex by the contractor, necessary for execution of the work, the contractor shall get them verified through the representative nominated by Engineer-in-charge and security at the time of commencement of the work. Engineer-in-charge and security and contractor shall keep such verified list of above equipment in records. The gate pass shall be issued to the contractor in respect of those equipment which have been verified in the above list, to enable him to take back his equipment after completion of work.

RECOVERY OF COMPENSATION PAID TO WORKMAN

In every case in which by virtue of the provisions sub-section (1) of Section 12 of the Workmen's Compensation Act, 1923, the Employer is obliged to pay compensation to a workman employed by the Contractor, in execution of the works, the Employer will recover from the Contractor the amount of the compensation so paid; and, without prejudice to the rights of the Employer under sub-section (2) of Section 12 of the said Act, the Employer shall be at liberty to recover such amount or any part thereof by deducting it from the security deposit or from any sum due by the Employer to the contractor whether under this contract or otherwise. The Employer shall not be bound to contest any claim made against it under sub-section (1) Section 12 of the said Act, except on the written request of the contractor and upon his giving to the Employer full security for all costs for which the Employer might become liable in consequence of contesting such claim.

Ensuring Payment and Amenities to Workers if Contractor fails

In every case in which by virtue of the provisions of the Contract Labour (Regulation and Abolition) Act, 1970, and of the Contract Labour (Regulation and Abolition) Central Rules, 1971, the Employer is obliged to pay any amounts of wages to a workman employed by the Contractor in execution of the works, or to incur any expenditure in providing welfare and health amenities required to be provided under the above said Act and the rules under Clause 19H, or under the Rules framed by Government from time to time for the protection of health and sanitary arrangements for workers employed by the Employer's Contractors, the Employer will recover from the Contractor the amount of wages so paid or the amount of expenditure so incurred; and without prejudice to the rights of the Employer under sub-section (2) of Section 20, and sub-section (4) of Section 21, of the Contract Labour (Regulation and Abolition) Act, 1970, the Employer shall be at liberty to recover such amount or any part thereof by deducting it from the security deposit or from any sum due by the Employer to the Contractor whether under this contract or otherwise. The Employer shall not be bound to contest any claim made against it under sub-section (1) of Section 20, sub-section (4) of Section 21, of the said Act, except on the written request of the contractor and upon his giving to the Employer full security for all costs for which the Employer might become liable in contesting such claim.

Labour Laws to be complied by the Contractor

The contractor must comply with provisions of all existing labour laws as indicated below & other laws existing in this regard.

- a) Contract Labour (R&A) Act, 1970
- b) Contract Labour (Regulation and Abolition) Central rules 1971
- c) Child Labour (Prohibition and Regulation) Act, 1986.
- d) Contractor shall comply with the provisions of the Minimum Wages Act, 1948, Industrial Disputes Act, 1947, Maternity Benefits Act, 1961, or the modifications thereof or any other laws relating thereto and the rules made there under from time to time, i.e. Safety and other welfare measures as per laws of land.
- e) Contractor must have ESI and/or EPF registration and all the manpower engaged including the technicians must be provided the required social security as per law of the land.
- f) Proof of Salary, ESI and/or EPF credit to the corresponding bank accounts of the Two technicians engaged on site against this AMC must be provided along with the invoice for monthly payments.

SETTLEMENTS OF DISPUTES & ARBITRATION

In the event of any dispute or difference relating to the interpretation and application of the provisions of the contracts, such disputes or difference shall in the first instance be sought to be resolved amicably by mutual consultation with the Engineer-in-charge /Over-all in charge/FIC(IWD). Failing which they shall be referred by either party to NISER for settlement. The decisions of the committee of NISER shall be final & binding on both parties.

CLAUSES OF THE CONDITIONS OF CONTRACT AND MATTERS DEEMED AS "EXCEPTED MATTERS"

The following shall be treated as "Excepted Matters" for the purpose of arbitration:

Illegal Gratification: Any bribe, commission, gift or advantage given, promised or offered by or on behalf of the Contractor or his partner, agent or servant or any one on his or on their behalf to any officer, or employee or NISER or to any person on his or their behalf in the relation to the obtaining of the execution of this or any other contract with NISER, shall, in addition to any criminal liability which he may incur, subject the Contractor to the rescission of the contract under the contract or any other contracts with NISER. The Contractor shall not lend or borrow from or have or enter into any monetary dealings or transactions either directly or indirectly with any employees of NISER and if he shall do so NISER shall be entitled forthwith to rescind the contract and all other contracts with NISER. Any question or dispute as to the commission of any offence or compensation payable to NISER under this clause shall be settled by Director NISER in decision shall be final and conclusive.

- a) Meaning and intent of specifications and drawings.
- b) Rates for extra items of works
- c) Measurement of works
- d) Provisions of Payment of Wages Act
- e) Payment of advances and recovery
- f) Determination of contract
- g) Provisions of Contract Labour/Regulation and Abolition Act 1970
- h) Non-conformance of work

INDEMNITY REGARDING DAMAGE TO PERSONS AND PROPERTY

The Contractor shall, except if and so far as the Contract provides otherwise, indemnify NISER (through indemnity bond on format approved by NISERL/, before commencement of work) against all losses and claims whatsoever in respect of injuries or death to any person, whether NISER or Contractor's employee or a third party, or loss / damage to any property whether of NISER, Contractor or third party, which may arise out of or in consequence of the execution and maintenance of the

works related to this contract. This indemnity shall be against all claims proceedings, damages, costs, charges and expenses whatsoever in respect of or in relation thereto.

OTHER INDEMNITY

The contractor shall also indemnify NISER (through Indemnity bond on format approved by NISER, before commencement of work/release of first bill) against any fine/penalty/ prosecution levied by any government authority for any violation of environment laws, safety norms, labour laws (like workmen compensation Act etc. in respect of workers engaged by the contractor), PF laws, health laws etc. which may occur in the process of carrying out of this work or at later stage. It will be the contractor's responsibility to ensure that relevant rules & regulations are fulfilled by him.

INSURANCE

The contractor is required to seek Insurance policy against injury or death of his own employees or any third party which may result out of execution of this contract. FM agency is liable to replace /repair NISER property/equipment in the event of fault /damage etc. due to the fault of FM agency. NISER has insured its property. The insurance policy arranged by NISER in this respect may be seen from NISER office for knowing the conditions under which claim can be raised on Insurance Company. Thus, FM agency is required to inform NISER in writing in the event of fault /damage/theft etc. to the property/equipment for the cause other than the fault of FM agency when claim can be raised on the insurance company. FM agency shall pursue on behalf of NISER with the insurance company for realization of the claim to NISER, if so desired by NISER. In case of failure of FM agency to follow the above directives, FM agency shall be solely responsible for losses suffered by NISER in the event of fault /damage etc. to the NISER property.

WITH-HOLDING AND LIEN IN RESPECT OF SUMS DUE FROM CONTRACTOR

1. Whenever any claim or claims for payment of a sum of money arises out of or under the contract or against the contractor, the Engineer-in-Charge or the NISER shall be entitled to withhold and also have a lien to retain such sum or sums in whole or in part from the security, if any deposited by the contractor and for the purpose aforesaid, the Engineer-in-Charge or the NISER shall be entitled to withhold the security deposit, if any, furnished as the case may be and also have a lien over the same pending finalization or adjudication of any such claim.
2. NISER shall have the right to cause an audit and technical examination of the works and the final bills of the contractor including all supporting vouchers, abstract, etc., to be made after payment of the final bill and if as a result of such audit and technical examination any sum is found to have been overpaid in respect of any work done by the contractor under the contract or any work claimed to have been done by him under the contract and found not to have been executed, the contractor shall be liable to refund the amount of over-payment and it shall be lawful for NISER to recover the same from him in any manner legally permissible; and if it is found that the contractor was paid less than what was due to him under the contract in respect of any work executed by him under it, the amount of such under payment shall be duly paid by NISER to the contractor, without any interest thereon whatsoever.

RATES TO BE EXCLUSIVE OF TAXES & LEVIES

1. Tendered rates must be exclusive of all taxes, duties and levies (excluding service tax), payable under the respective statutes. Applicable Service tax shall be paid in first running bill and subsequent running bills shall be entertained only after producing proof of payment of service tax to the concerned authority for the previous month already paid to the contractor (In case service tax payment to the concerned authority is delayed by the contractor, the payment of penalty, interest or any other charges shall be borne by the contractor). However, pursuant to the Constitution (Forty six Amendment) Act, 1982, if any new tax or increase/decrease in tax (except service tax) or levy is imposed by the statute, after the date of receipt of tenders, and the contractors thereupon necessarily and properly pay such taxes/levies the contractor shall be reimbursed the amount so

paid on production of proof of payment, provided such payment, if any is not in the opinion of NISER (whose decision shall be final and binding) attributable to delay in execution of work within the control of the contractor. NISER will have no liability whatsoever on any account to pay any taxes, levies, duties etc. levied by Central / State Govt. pertaining to execution of the work.

2. The contractor shall keep necessary books of accounts and other documents for the purpose of this condition as may be necessary and shall allow inspection of the same by duly Authorized representative of NISER and further shall furnish such other information/document as the Engineer-in-charge may require.
3. The contractor shall, within in a period of 30 days of imposition of any further tax or levy pursuant to the Constitution (Forty-six Amendment) Act, 1982 give a written notice thereof to the Engineer-in-charge that the same is given pursuant to this condition, together with all necessary information relating thereto.

TERMINATION OF CONTRACT ON DEATH OF CONTRACTOR

Without prejudice to any of the rights or remedies under this contract if the contractor (in proprietary case) dies, the NISER shall have the option of terminating the contract without compensation to the contractor's successor.

FORCE MAJEURE

1. Neither Contractor nor Owner (NISER) shall be considered in default in performance of their obligations if such performance is prevented or delayed by events such as but not limited to war, hostilities, revolution, riots, civil commotion, strikes, lock-outs, conflagrations, epidemics, accidents, fire, storms, floods, droughts, earthquakes or ordinances or any act of God or for any other cause beyond the reasonable control of the party affected or prevented or delayed. However, a notice is required to be given within 30 (thirty) days from the happening of the event with complete details, to the other party to the contract, if it is not possible to serve the notice, within the shortest possible period without delay.
 2. As soon as the cause of Force Majeure has been removed the party whose ability to perform its obligations has been affected, shall notify the other of such cessation and the actual delay incurred in such affected activity adducing necessary evidence in support thereof.
 3. From the date of occurrence of a case of Force Majeure, obligations of the party affected shall be suspended during the continuance of any inability so caused. With the cause itself and the inability resulting there from having been removed, the agreed time of completion of the respective obligations under this agreement shall stand extended by a period equal to the period of delay occasioned by such events.
 4. Should one or both parties be prevented from fulfilling the contractual obligations by a state of Force Majeure lasting to a period of 6 months or more, the two parties shall consult each other to decide regarding the future execution of this agreement.
-
-

MEASUREMENT OF WORK AND PAYMENT

1. Payment to the contractor shall be made by NISER against **Monthly bills** for the work done against this contract, after submission of monthly/quarterly service report. The contractor is required to submit along with first bill, the copy of AMC entered into with OEMs or their authorized agency (if any) or agency approved by NISER as the case may be. The payment shall be made after deducting any amounts due from the contractor by way of mobilization advance, taxes, security deposit, penalties/ recoveries if any etc. The contractor should ensure that all employees are covered for all social benefits viz PF, EPS, EDLI and ESI.
2. The contractor shall submit proof of recovery and remittance of the same along with the monthly/running bill for the next month. An indemnification covering NISER shall be submitted against any claim during the execution of the contract or later stage under Employees Provident Fund and workmen Compensation Act before release of payment of First bill.
3. For any deficiency or defective service, an amount proportional to the rates quoted by the contractor as given in his Price Bid shall be deducted from the monthly payment made to the contractor. The decision of Engineer-in-charge/competent authority of NISER shall be final in this regard.
4. Due payment after completion of each month after making any recoveries etc. towards taxes, duties & non- performance as described elsewhere in the bid documents shall be made to the contractor. No payment to the contractor shall be released till the contractor submits the bill for the work done by him. The bills shall be paid monthly. NISER will make all endeavours to release the due payment within 10 days of receipt of certified bill from the contractor.
5. Proportionate payment shall be deducted from the contractor's bill if any work is found to be not done/is incomplete or is unsatisfactory, as adjudged by the Engineer-in-Charge. In case of any difference of opinion between the engineer in charge and the contractor, regarding the non-performance or unsatisfactory performance of work, the matter will be referred to the Director, NISER, whose decision on the matter shall be final. NISER may also, at their discretion get such defective/deficiency work done at the risk & cost of the contractor and recover the actual amount spent plus 20% of actual spent amount including all actual NISER establishment charges, from the contractor's bills. Repeated lapses in doing the work satisfactorily shall result in rescinding the contract.
6. The Employer / Director, NISER, may without prejudice to his any other rights or remedy against the contractor in respect of any delay, inferior workmanship, any claims for damages and/or any other provisions of this contract or otherwise, and whether the date for completion has or has not elapsed, by notice in writing absolutely rescind the contract.

OTHERS

If, the contractor has to remove/dismantle any old, damaged wiring & fixtures etc. for the purpose of execution of the said work, the same shall be deposited with NISER Stock Yard along with the list of materials under intimation to the concerned Engineer-in-Charge. No extra payment will be made by the institute for this purpose.

Signature of Tenderer with date



राष्ट्रीय विज्ञान शिक्षा एवं अनुसंधान संस्थान भुवनेश्वर
◁ परमाणु ऊर्जा विभाग, भारत सरकार का एक स्वयंशासित संस्थान ▷
NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH BHUBANESWAR

◁ An autonomous Institution under Department of Atomic Energy, Govt. of India ▷

संगणक केंद्र
COMPUTER CENTRE

NIT No.: NISER/CC/2022-23/028

Dated: 16.12.2022

“Annual Maintenance Contract (AMC) of Optical Fibre Cable (OFC) Network and Cleaning of Racks, LIUs, Switches with other allied works across NISER Campus.”

SCHEDULE OF SERVICES

Sl .	Description	Qty.	Amount (in ₹) incl. taxes
1	Technicians (as per page 8 & 13 of this document)	03 Persons	
2	AMC along with required equipment like OTDR, Splicing Machine, Laser Source Visual Fault Locator with accessories, etc. and anything that is regularly required for OFC maintenance * (as per the “scope of work” page 7 of this document)	--	

* The equipment in fully functional state should be available for NISER on priority to avoid penalty.

(Rupees _____ only)

Signature of Tenderer with date & address

Note:

Bidders are required to quote against each item legibly and arrive at the total cost of work. All pages should be duly signed by the bidder failing which the tender may be rejected.