



ISO 9001 Organization	
सी.एस.आई.आर-संरचनात्मक अभियांत्रिकी अनुसंधान केन्द्र	
CSIR - STRUCTURAL ENGINEERING RESEARCH CENTRE	
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद Council of Scientific and Industrial Research)	
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No. A3(12128)2022/PUR

28th June 2022

Sub: Annual Rate Contract for supply of Networking Materials and Maintenance & Servicing.

Ref : Tender No. A3(12128)2022/PUR dt. 28.06.2022

Last date for submission of Tender 19.07.2022 - 02.00 pm

Due date of opening 20.07.2022 - 02.30 pm

Madam/Sir,

CSIR-SERC, Chennai is one of the constituent laboratories of CSIR (Council of Scientific & Industrial Research, New Delhi) under the aegis of Ministry of Science & Technology, Government of India, would like to conclude Annual Rate Contract (ARC) for supply of Networking Materials and Maintenance & Servicing for a period of one year. **Please arrange to submit your online quotation for the above referred ARC through CPPP (Central Public Procurement Portal: www.etenders.gov.in)** as per details given below.

S. No	Description of Items
01.	ARC for supply of Networking Materials and Maintenance & Servicing for a period of one year at CSIR-SERC, Chennai – 600 113. List of items shall be quoted as per the enclosed <u>Annexures. (Annexure – I, II, & III).</u>

TERMS AND CONDITIONS

1. The bidder should quote for all the tendered items, otherwise the quote will summarily be rejected.
2. The ARC holder should be able to supply the items immediately and carry out the installations and integration etc., whenever separate purchase order is placed as per the requirements arisen at CSIR-SERC, Taramani & TTRS, Trisulam, Chennai.
3. The ARC will be evaluated on the basis of **overall lowest** for supply of all the items listed as well as maintenance & servicing as per Annexures – I, II & III.
4. The payment will be made on supply of Networking Materials and its satisfactory acceptance and successful completion of service/work in respect of this.
5. CSIR-SERC's terms of supply available at our web-site www.serc.res.in is applicable.
6. The contract period will be for **one year**. The Rates and Terms & Conditions of Contract shall be for one year i.e., from the date of signing the contract after placing order. However, due to some unavoidable reasons, timely steps will be taken to extend the existing Annual Rate Contract (ARC) with the same Price and Terms & Conditions etc., for a suitable period with the mutual consent of CSIR-SERC, Chennai and ARC Holder/s.
7. The ARC may be withdrawn by giving **one month's (30 Days) notice** by both parties.
8. The ARC will be guided by the **Fall Clause**: (Fall clause is a price safety mechanism in rate contracts. The fall clause provides that if the rate contract holder reduces its price or sells or even offers to sell the rate contracted goods or services following conditions of sale similar to those of the rate contract, at a price lower than the rate contract price, to any person or organization during the currency of the rate contract, the rate contract price will be automatically reduced with effect from that date for all the subsequent supplies under the rate contract and the rate contract amended accordingly).
9. CSIR-SERC reserves the right to conclude **one or more than one rate contract** for the same services/works or items w.r.t Networking Materials, Maintenance & Service.
10. In case of emergency, the CSIR-SERC may purchase the same Services/Items through **Ad-hoc contract** with a new supplier.
11. The contractor/ARC holder should supply the items and carry out and complete the work in accordance with the contract (ARC) and to the satisfaction of CSIR-SERC, Taramani & TTRS, Trisulam.
12. The contractor should bring all the necessary tools to carry out the works. List of necessary tools & tackles required for the work shall be furnished in the gate.
13. The contractor should be physically present during the work to be executed as per the ARC. In case of his absence, he should depute an experienced supervisor and responsible person for the execution of work.
14. The contractor should arrange sufficient number of workmen in the age group as per prevailing Labour Law to execute the work. The contractor shall be able to execute the **works within 24 hrs.** from the time of intimation by CSIR-SERC & TTRS.

15. The contractor should supply the Networking Materials and complete the work within the scheduled time allotted by the concerned authority of CSIR-SERC & TTRS, if not, a **penalty charge @0.5%** of the prices of any portion of Services /Stores delivered late for each week or part thereof of delay. The total penalty shall not exceed 10% of the value of delayed Services/Goods.
16. The persons deployed by the contractor shall remain under the control and supervision of the contractor and the contractor shall be liable for payment of their wages etc., and all other dues which the contractor is liable to pay under various Labour regulations and other statutory provisions.
17. The workers/workmen engaged by the contractor should have good experience to execute the work. Also they should be honest, well behaved workers, hardworking and of good character.
18. The contractor should ensure that the workmen who can carry out and obey the instructions shall be employed. In case the workmanship of any worker is found unsatisfactory, the contractor should replace him immediately on intimation.
19. **100% payment** will be made after satisfactory supply of items and successful completion of job and as per purchase order w.r.t the ARC. No advance payment will be considered.
20. In any case, TTRS & CSIR-SERC, Chennai, is not at all responsible for any disability or casualty to the workers while doing the contract work. It is the responsibility of the contractor to comply with the statutory requirements of safety precautions and payment of compensation in case of disability or casualty to the workers while doing the contract work as per the ARC.
21. Any compensation claims for injury, accident to the contractor or workmen while engaged in the work will be contractor's own responsibility. The contractor should agree to indemnify the CSIR-SERC against all claims arising out of action under "The Employees State Insurance Act" or any other Civil or Criminal law in force in so far as they relate to him or claims arising out of such employment.
22. During the validity of the contract, the contractor/workmen shall not make any claim for additional charges, other than the rate mentioned in the ARC Award Letter.
23. The contractor should also indemnify CSIR-SERC against all claims, which may be made upon CSIR-SERC during the current contract by any employee, or representative of an employee, of the contractor, or any sub-contractors, employed by him, for any injury or loss of life, of such employee or for compensation payable under any law during the contract period in force to any workman or to the representative of any deceased or incapacitated workman/workmen. Since it is job contract, CSIR-SERC is not liable for any such liabilities.
24. The contractor should also indemnify CSIR-SERC in respect of any costs, charges and/or expenses, including legal costs or proceedings, aforesaid, and also in respect of any award of compensations and /or damages consequent upon such claim.
25. CSIR-SERC shall be at liberty, and is empowered to deduct the amount of any damage, compensation costs, charges any /or expenses arising or occurring from or in respect of any such claim and/or damages as aforesaid from any sum due or to become due to the contractor.
26. The contractor/team members would be liable for legal action, if he or his team members directly or suspected to be directly involved in any theft or pilferage etc. He shall be liable for losses due to theft or otherwise, which are manifested due to his conduct or by the contract/team members and value of material so lost shall be made good from the sum due or to become due to him.

27. The contractor should furnish details like name of the worker's, parents name, permanent/present address etc of the full contract team members in the gate along with valid photo ID proof for security reasons with the approval of the competent authority of CSIR-SERC & TTRS. Contract persons will not be allowed without furnishing the names and identity and any unauthorized person/s will also not be allowed at any cost especially on holidays.
28. The contractor should provide insurance coverage for contract team members/workmen during the period of the contract work.
29. In case of workmen deployed by the contractor, who do not come up to the mark or do not perform duties properly, or indulge in any unlawful acts of disorderly conduct, the contractor shall take suitable action against such worker after reporting to the competent authority of CSIR-SERC & TTRS. The contractor shall replace such person so deployed on the demand of the competent authority of CSIR-SERC & TTRS in case of any of the aforesaid acts on the part of the person concerned.
30. In case of any dispute, it will be settled as per extant procedure of CSIR-INDIA & Govt. of India subject to the approval of competent authority.
31. Income tax will be deducted from the total bill value as applicable as per extant rule.
32. TDS towards GST & IT will be deducted as per extant rules.
33. Valid Registration Certificate of the firm with State/Central Government shall be furnished along with PAN & GSTIN etc. as applicable.
34. All the Rules, Procedures & Guidelines w.r.t Procurement of Goods & Services of CSIR-INDIA & Govt. of India from time to time will be applicable to this contract. The description of job and terms & conditions of our tender will also be applicable to this ARC.

**Stores & Purchase Officer
(For & on behalf of CSIR-INDIA)**

ANNEXURE-I

S. No	Description	Make	Unit	Rate
1	RJ 45 connector	ISI	No	
2	ECAT6e 4 Pair UTP Cable	Molex	M	
3	ECAT6e Information Outlet	Molex	No	
4	Faceplate-Dual	Molex	No	
5	Faceplate-Single	Molex	No	
6	Faceplate-Quad	Molex	No	
7	Back box	ISI	No	
8	Patch cord/Fly lead-7ft (2M)	Molex	No	
9	Patch cord/Fly lead-3ft (1M)	Molex	No	
10	Single mode Gigabit Fiber Media converter 1000Base, LX to LC 1310 nm	TP-Link	No	
11	Single mode Gigabit Fiber Media converter 1000Base, LX/LH to SC 1310nm	TP-Link	No	
12	Gigabit SFP Media converter MC220L	TP-Link	No	
13	½ ” PVC Pipe	ISI Brand	M	
14	¾ ” PVC Pipe	ISI Brand	M	
15	1” PVC Pipe	ISI Brand	M	
16	1.25” PVC Pipe	ISI Brand	M	
17	1.5” PVC Pipe	ISI Brand	M	
18	2” PVC Pipe	ISI Brand	M	
19	½” PVC Channel	ISI Brand	M	
20	¾” PVC Channel	ISI Brand	M	
21	1” PVC Channel	ISI Brand	M	
22	1.25” PVC Channel	ISI Brand	M	
23	1.5” PVC Channel	ISI Brand	M	
24	2” PVC Channel	ISI Brand	M	
25	1” PVC Channel – Wiring Cable Duct	ISI Brand	M	
26	2” PVC Channel - Wiring Cable Duct	ISI Brand	M	
27	1’ PVC Hose	ISI Brand	M	
28	2” PVC hose	ISI Brand	M	
29	1” HDPE pipe	ISI Brand	M	
30	2” HDPE pipe	ISI Brand	M	
31	½” GI Pipe Class B IS:3601 2.65mm	ISI Brand	M	
32	¾” GI Pipe Class B IS:3601 2.65mm	ISI Brand	M	
33	1” GI Pipe Class B IS:3601 2.65mm	ISI Brand	M	
34	1.25” GI Pipe Class B IS:3601 2.65mm	ISI Brand	M	
35	1.5” GI Pipe Class B IS:3601 2.65mm	ISI Brand	M	
36	2” GI Pipe Class B IS:3601 2.65mm	ISI Brand	M	

37	Wall Mount Rack 6U with power manager (PDU) and cable manager (Width - 550mm, Depth - 600mm)	Net rack	No	
38	Wall Mount Rack 9U with power manager (PDU) and cable manager (Width - 550mm, Depth - 600mm)	Net rack	No	
39	Wall Mount Rack 12U with power manager (PDU) and cable manager (Width - 550mm, Depth - 600mm)	Net rack	No	
40	Wall Mount Rack 17U with power manager (PDU) and cable manager (Width - 550mm, Depth - 600mm)	Net rack	No	
41	PSE30G-AT Gigabit High Po E Injector	IP-Com	No	
42	Solid CAT6 4 Pair STP Cable	Molex	M	
43	2 Pair PVC cable (Telephone Cable)	Orbit	M	
44	5 Pair PVC cable (Telephone Cable)	Orbit	M	
45	10 Pair PVC cable (Telephone Cable) Armored	Orbit	M	
46	20 Pair PVC cable (Telephone Cable) Armored	Orbit	M	
47	10 Pair Krone box with connector and lock facility (including fixing and termination)	International Standard	No	
48	20 Pair Krone box with connector and lock facility (including fixing and termination)	International Standard	No	
49	50 Pair Krone box with connector and lock facility (including fixing and termination)	International Standard	No	
50	50 Pair PVC cable (Telephone Cable)	Orbit	M	

ANNEXURE-II

S. No	Description	Make	Unit	Rate
1	SM Fiber Optic Cable 4 Core (Outdoor)	Molex	M	
2	SM Fiber Optic Cable 6 Core (Outdoor)	Molex	M	
3	SM Fiber Optic Cable 8 Core (Outdoor)	Molex	M	
4	SM Fiber Optic Cable 12 Core (Outdoor)	Molex	M	
5	SM Fiber Optic Cable 2 Core (Indoor)	Molex	M	
6	SM Fiber Optic Cable 4 Core (Indoor)	Molex	M	
7	12 port LIU Rack mount with Cable Spool Splice Tray, SC couplers and Adapter Panel; - Fully Loaded	Molex	No	
8	24 port LIU Rack mount with Cable Spool Splice Tray, SC couplers and Adapter Panel; - Fully Loaded	Molex	No	
9	12 Port LIU Wall mount with Cable Spool Splice Tray, SC couplers and Adapter Panel; - Fully Loaded	Molex	No	
10	24 Port LIU Wall mount with Cable Spool Splice Tray, SC couplers and Adapter Panel; - Fully Loaded	Molex	No	
11	SM OFC Pigtails for Splicing -1m	Molex	No	
12	Horizontal Splice enclosures	IS	No	
13	Aruba Instant On 1930 switch 8G Class 4 PoE 2SFP 124W Switch (JL681A)	Aruba		
14	Aruba Instant On 1930 switch 24G Class 4 PoE 4SFP/SFP +370w Switch (JL684A)	Aruba	No	
15	Aruba Instant On 1930 48G Class 4 PoE 4SFP/SFP+ 370w Switch (JL681A)	Aruba	No	
16	HP Aruba 2540 24G PoE +4SFP +Switch (JL356A)	HP Aruba		
17	HP-Aruba 2540 48G PoE+ 4SFP+ Switch (JL357A)	HP-Aruba	No	
18	HP-Aruba 2940 48G PoE+ 4SFP+ Switch (JL357A)	HP-Aruba	No	
19	HP Aruba 2930-48G (JL254A) switch	HP-Aruba	No	
20	8 Port Gigabit Ethernet Unmanaged Switch	Digilink	No	
21	16 Port Gigabit Ethernet Unmanaged Switch	Digilink	No	
22	12 Port CAT6 Rack Mount Patch Panel-1U	Molex	No	
23	24 Port CAT6 Rack Mount Patch Panel-1U	Molex	No	
24	48 Port CAT6 Rack Mount Patch Panel -2U	Molex	No	
25	SM SC-SC-fiber patch card – 3M	Molex	No	
26	SM LC-LC-fiber patch card – 3M	Molex	No	
27	SM SC-LC-fiber patch card – 3M	Molex	No	
28	HP-Aruba 10GSFP+ LC LR 10Km SMF Transceiver	HP-Aruba	No	
29	HP-Aruba 1G SFP LC LX 10Km SMF Transceiver	HP-Aruba	No	

*SM- Single mode IS-Industry Standard M – Meter No – Number

ANNEXURE-III
(Labour charges)

Sl.no	Description	Unit	Rate
1	Laying of UTP/STP Cable	M	
2	Laying of Fiber Cable	M	
3	Fixing & Termination of I/O	No	
4	Fixing & Termination of Jack/Patch Panel	No	
5	Fixing PVC Channel/Pipe	M	
6	Fixing of Wall mount Rack	No	
7	UTP/STP Testing Charges	Node	
8	Fiber Core Testing	Core	
9	Trenching/Floor Cutting-Hard Soil	M	
10	Trenching/Floor cutting-Soft Soil	M	
11	RJ-45 Crimping	No	
12	Fiber Splicing	No	
13	Fiber termination	No	
14	Laying of 2/5/10/20pair PVC Telephone Cable	M	
15	Krone Junction to Krone Termination / OR Telephone Instrument	No	
16	HDPE pipe laying	M	
17	6U Wall mount rack removing	No	
18	Existing CAT6 Cable removing	M	