

G-40/9/2021-F.I-MoCA  
Government of India  
Ministry of Civil Aviation  
(Integrated Finance Division)

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'B-Block', Rajiv Gandhi Bhawan,  
Safdarjung Airport, New Delhi, Dated: 31.08.2021

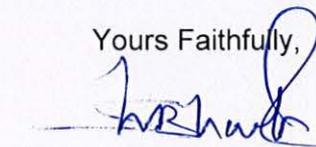
To

1. DG, Director General of Civil Aviation(**DGCA**),  
Opposite Safdarjung Airport, New Delhi-03
2. DG, Bureau of Civil Aviation Security(**BCAS**)  
Janpath Bhawan, Janpath, New Delhi-01
3. Chairman, Airports Authority of India, (**AAI**)  
Rajiv Gandhi Bhawan, New Delhi-03
4. CMD, Air India Limited(**AI**)& HCIL  
Airlines House, 113, Gurudwara Rakabganj Road, New Delhi-01
5. Chairman & Managing Director, Pawan Hans Limited(**PHL**),  
C-14, Sector-I, Gautam Budh Nagar, Noida, UP-201301.
6. The Chief Commissioner Railway Safety(**CRS**)  
N.E. Railway Campus, Ashok Marg, Lucknow, UP-226001
7. The Secretary Airports Economic Regulatory Authority (**AERA**)  
AERA Building, Safdarjung Airport, New Delhi.
8. The Director , Indira Gandhi Rashtriya Udan Akademi, (**IGRUA**)  
Fursatganj airfield, Rae Bareilly, U.P-229302.
9. The Vice Chancellor, Rajiv Gandhi National Aviation University(**RGNAU**),  
Rajiv Gandhi Bhanwan, New Delhi-03
10. The Joint Secretary (Admin) (**Sectt.**)  
Ministry of Civil Aviation, RG Bhawan New Delhi
11. The Director General, Aircraft Accident Investigation Bureau (**AAIB**)  
Safdarjung Airport, New Delhi-03
12. Chief Financial Controller (**CFC**)  
Pr. Accounts Office (MoCA)

**Subject: Revised Consolidated Instructions regarding Global Tender Enquiry (GTE) under Rule 161(iv) of General Financial Rules (GFRs) 2017 upto Rs 200 crore-regarding**

I am directed to refer to the subject cited above and to forward herewith a self-contained copy of O.M.No. DPE/7(4)/2017-Fin. dated 09<sup>th</sup>August, 2021 received from Department of Public Enterprises, Ministry of Finance for information and compliance.

Yours Faithfully,



(Shankra Nand Bharti)

Under Secretary to Government of India

Encl: As above

Copy to: -

- I. Sr. PPS to Secretary, MoCA
- II. JS&FA, MoCA
- III. All Joint Secretaries and DDG, MoCA
- IV. All Director and Deputy Secretaries, MoCA
- V. All Under Secretaries, MoCA

F.No.DPE/7(4)/2017-Fin.  
Government of India  
Ministry of Finance  
Department of Public Enterprises  
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Public Enterprise Bhawan  
Block No. 14, CGO Complex  
Lodhi Road, New Delhi- 110003

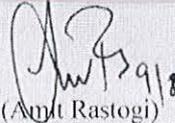
Date: 07.08.2021

OFFICE MEMORANDUM

**Subject: Revised Consolidated Instructions regarding Global Tender Enquiry (GTE) under rule 161(iv) of General Financial Rules (GFRs), 2017 upto Rs.200 crore- regarding**

In continuation to this Office OM of even number dated 6<sup>th</sup> July, 2021 on the above subject the undersigned is directed to forward the revised consolidated guidelines on Global Tender Enquiry (GTE) issued by D/o Expenditure vide OM No. F.4/1/2021-PPD dated 03<sup>rd</sup> August, 2021 for bringing them to notice of the CPSEs and their administrative Ministries/Departments for compliance.

2. This issues with the approval of competent authority.

  
(Anil Rastogi)  
Director  
Tel. 24362061

Encl: AS above

To

- i) All the Secretaries to the Administrative Ministries/Departments of CPSEs
- ii) Chief Executives of CPSEs

No. F.4/1/2021-PPD  
Government of India  
Ministry of Finance  
Department of Expenditure  
Procurement Policy Division

264-C, North Block,  
New Delhi Dated the 03<sup>rd</sup> August, 2021

OFFICE MEMORANDUM

**Subject:** Revised Consolidated Instructions regarding Global Tender Enquiry (GTE) under Rule 161(iv) of General Financial Rules (GFRs) 2017 upto Rs 200 crore.

Attention is invited to this Department's OM No. F.12/17/2019-PPD dated 15.05.2020 regarding amendment in Rule 161(iv) of General Financial Rules (GFRs) 2017 stipulating that no Global Tender Enquiry (GTE) shall be invited for tenders upto Rs 200 crore or such limit as may be prescribed by this Department from time to time. It further stipulates that in exceptional cases, where the Ministry or the Department feels that there are special reasons for GTE, it may record its detailed justification and seek prior approval for relaxation to the above Rule from the competent authority i.e. Secretary (Coordination), Cabinet Secretariat.

2. Applicability: Restriction on Global tenders as specified in the revised Rule 161(iv) of GFRs, 2017 will be applicable on all procurements including Goods, Non-consulting services, Consultancy Services and Works including turnkey projects. The instructions are applicable for all the tenders published in newspapers or website after 15.05.2020.

3. It is noted that 40-45 % of the proposals being sent by Ministries/ Departments are either not complete or not in accordance with the instructions issued by this Department and Cabinet Secretariat for submission of the proposals. Due to this, such proposals are returned to proposing Ministry/ Department for rectification. In order to avoid shuttling of the proposals and to save time, all instructions for submission of proposals have been consolidated as under for convenience of proposing Ministries/Departments:

3.1 The proposal for approval shall be submitted by Administrative Ministry with the **concurrence of Financial Advisor and approval of Secretary** concerned. The proposals submitted by individual offices/ organisations (e.g. autonomous bodies, Central Public Sector Undertakings and subordinate offices of Central Government etc.) will not be entertained.

3.2 The proposals shall be submitted along-with **duly filled format** (issued by Cabinet Secretariat vide ID No. 213/2/1/2020-C.A.IV dated 06.10.2020, Annexure-I). **Every page should be attested by Administrative Ministry.**

3.3 Proposals are to be simultaneously sent to the following:

- (i) Cabinet Secretariat, email: [ca4-cabsec@gov.in](mailto:ca4-cabsec@gov.in).
- (ii) Department for Promotion of Industry & Internal Trade (DPIIT) emails: [manmeet.nanda@ias.nic.in](mailto:manmeet.nanda@ias.nic.in) & [rajesh.gupta66@gov.in](mailto:rajesh.gupta66@gov.in), and
- (iii) Department of Expenditure, email [kanwal.irss@gov.in](mailto:kanwal.irss@gov.in) and [sudesh.kumar85@gov.in](mailto:sudesh.kumar85@gov.in)

3.4 Before sending proposals for approval of the Global Tenders, following is to be ensured:-

- (i) Domestic open tender must be floated to identify the domestic manufacturers/ service providers for the items/ services for which approval is being sought for issuance of Global Tenders. In case, if the Ministry/ Department has not floated a domestic open tender after 15.05.2020 for the items to be procured through GTE, such proposals will not be entertained. **The proposal must contain the details of domestic open tenders, issued after 15.05.2020** (Tender Number, date of opening, number of offers received, details of offers received, reasons why domestic suppliers were not considered etc.)
- (ii) The proposal must contain the details of deliberations with DPIIT/ relevant industrial bodies for identification of domestic manufacturers/ service providers.
- (iii) **The 3/5-year procurement plan as mandated by Public Procurement (Preference to Make in India) (PPP-MII) Order issued by DPIIT must be published on website, before forwarding proposals for the purpose of procurement through GTE. Web-link of published procurement plan should be provided in proposal.**

#### 4. Exemptions/Clarifications

4.1 For procurement of specialised equipments required for research purposes, and spares and consumables, for such equipments upto Rs. 200 crore for the use of Educational and Research Institutes, Secretary of Ministry/ Department concerned shall be the competent authority to approve issue of Global Tender Enquiries for such requirements subject to fulfilment of conditions as laid down in Annexure-II. The equipment should be of specialized nature required for research purposes and not the routine equipment used in offices. (OM No. 20/45/2020-PPD dated 08.01.2021)

4.2 **Special relaxation for procurement of Covid-19 related items/ equipments/ services etc. through GTEs till 31.10.2021.** Secretary of Ministry/ Department concerned shall be the competent authority to approve issue of such Global Tender Enquiries (OM No. 4/1/2021-PPD dated 11.06.2021).

4.3 Further, instructions issued vide this department OM No. 12/17/2019-PPD dated 15.05.2020 will not be applicable in following cases:

- (i) On procurement of spare parts of the equipments/ Plants & Machinery etc. on nomination basis from Original Equipments Manufactures (OEMs) or Original Equipment Suppliers (OES) or Original Part Manufacturers (OPMs) as no competitive tenders are invited in such cases (OM No. 12/17/2019-PPD dated 29.10.2020).
- (ii) Where procuring entities need to issue GTEs to fulfil contractual commitments/ obligations entered by them before 15.05.2020 i.e. bid has been submitted by them to their clients before 15.05.2020. Similarly, where procuring entities need to issue GTEs in view of existing collaboration agreements entered by them with foreign suppliers before 15.05.2020. (OM No. 4/1/2021-PPD dated 12.03.2021)

*by*  
*03/08/2021*  
(Kanwalpreet)  
Director (PPD)  
Tel.No. 2309 3811  
Email: kanwal.irss@gov.in

To,

All the Secretaries and Financial Advisers to Government of India

Annexure-I

Format for seeking the approval of the Competent Authority as per DoE order on rule 161(iv) of GFR dated 15.05.2020 and 28.05.2020

S.No.	Particulars	Remarks
1	Name of the Ministry.	
2	Name of the Department.	
3	Name of the sub-ordinate office (If applicable):	
4	Detailed Description of the Item	
5	Use of the Item	
6	Life time of the item proposed ( In years)	
7	Whether item is procured regularly? (If so, Details of procurement of the said item over the past three years (Three completed financial years or last three tenders and the current financial year) inclusive of supply details as per format at Annexure-A.	
8	Quantity required to be procured with justification for the quantity (State/UT/Region wise projection)	
9	Estimated procurement price along with basis of such estimation (International Price comparison chart)	

Stamp and Signature of the  
Authorized officer of the proposing Department  
Name and Designation

10	Justification to be submitted as under	
	a	Detailed justification for Global Tender and essentiality of import (Item wise)
	b	Who are the (possible) vendors of the item under procurement, in the global (including India) market?
11	1	Whether the Department has tried and floated the tender to identify the domestic suppliers in the past financial year (if not, the reason thereof)
	2	Capacity of all domestic local suppliers as per the domestic tender floated, if any
12	What are technical alternatives available within country and whether they can be used ( <i>substituted</i> ) for the proposed item under GTE?	
13	Whether the Department had in the past attempted at development of local suppliers/phased indigenization/promotion of alternative technology having sufficient local suppliers. (If so, details thereof)	

Stamp and Signature of the  
Authorized officer of the proposing Department  
Name and Designation

14	Consequences of non-procurement of the item through GTE.	
15	Whether BIS standards are available for the items proposed under procurement. If not, the efforts made to operationalize such standards.	
16	Whether the department had published procurement plan for next 5 years, for the item under discussion?	

The above proposal is submitted, with the approval of the Secretary of the Administrative Department/Ministry, for the consideration of the Competent Authority, as mandated by D/o Expenditure order dated 15<sup>th</sup> May, 2020 regarding Amendment in GFRs-2017, regarding Global Tender Enquiry.

Also, it is informed that the above proposal had been sent to Cabinet Secretariat (Via Email ID: [ca4-cabsec@gov.in](mailto:ca4-cabsec@gov.in)), D/o Expenditure (via Email ID: [GTEquiry-200@gov.in](mailto:GTEquiry-200@gov.in)) and to DPIIT, for their consideration.

Stamp and Signature of the  
Authorized officer of the proposing Department

Name

Designation

Contact Number

Email ID

**FORMAT FOR GTE**

Details of procurement of the said item over the past three years (Three completed financial years and the current financial year) inclusive of supply details.

Year of contract	Item	Contract No. & date	Supplier	Quantity of supply with unit	Rate per unit	Completion date of contract	Country of Origin of goods	Local content in %

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Stamp and Signature of the  
Authorized officer of the proposing Department.  
Name and Designation

## Annexure-II

### Efforts to locate domestic suppliers

Educational, Research institutions and other units will make full efforts towards reducing of imports in following manner. This will result in substantial effects both within the institutions and also through impact on the eco-system.

- (i) Identification of equipment being procured time and again from abroad, and help developing them in India by identifying potential manufacturers and providing them technical help and expertise for developing the equipment. This programme will be coordinated by the Empowered Technology Group (constituted by Cabinet and chaired by the PSA)
- (ii) Efforts to promote technology transfer through agreements or to encourage technological collaboration with foreign manufacturing in India at the Start-ups set up in Research Parks.
- (iii) Sharing and updating of information about the availability of research equipment across various Indian Institutes on a single portal (their I-STEM portal has been developed for this purpose) so that those can be utilized by the needy institutes.
- (iv) Without compromising quality, Institutes should indicate alternative/ equivalent technical specifications that could suit their requirement, so that there are more chances of local manufacturers participate in the tendering process.
- (v) Regular Interaction between academia and Indian industry organizations at the level of the institution about the requirement of equipment of foreign origin and for encouraging the domestic manufacturing.
- (vi) Regular requirement of proprietary/ non-proprietary research consumables may be assessed and domestic alternatives are explored for use.
- (vii) A national level programme for indigenous development of scientific equipment be initiated by the Office of PSA.
- (viii) Without compromising quality, Institutes should be flexible with specifications so that domestic manufacturers are encouraged to meet requirements.

### 2. Guidelines for resorting to GTE :

- (i) Market assessment should be done by the concerned institution, as certified by the Head of the Institution. Only after no Indian manufacturer is found, a GTE should be issued.
- (ii) In case no Indian manufacturer/ suppliers are found, procurement may be done, through GTE, subject to compliance of provisions of GFR and requirement of procurement through GeM.

- (iii) DEAN (R&D) or an appropriate authority within the institute will issue certificates as per para 3 below, before inviting GTE. As a reporting matter in the Board of Governors, such certificates should be tabled, and also shared with Office of the PSA, DPIIT and concerned Administrative Ministry.
- (iv) The information about the procurement of equipment should be shared across various Educational and Research Institutes, through the I-STEM portal, already established for this purpose by the PSA's office. This will allow the equipment to be used by other institutions too, for research purposes.
- (v) Analyze the equipment being procured time and again from abroad, and help developing them in India by identifying potential manufacturers and providing them technical assistance and expertise for developing the equipment. Half-Yearly reports on this action to be shared by the Institutes with the Office of the PSA, DPIIT and concerned Administrative Ministry. A national level scheme will also be initiated by the Office of PSA for indigenous development of scientific equipment.
- (vi) Preference to local suppliers over foreign supplier as per the existing GoI guidelines, should be observed as applicable.

**3. Certificates to be issued**

- (i) Confirmation of non-availability in India of particular equipment/ consumables of foreign origin through Government e-Marketplace (GeM) and other sources;
- (ii) Certification that locally available alternatives with equivalent specifications are not suitable for research purposes;
- (iii) The non-availability of such equipment for research purposes with nearby research institutes or within the institute
- (vi) Certification of the requirement of proprietary items of foreign origin for research purposes (where applicable).

No. F.4/1/2021-PPD  
Government of India  
Ministry of Finance  
Department of Expenditure  
Procurement Policy Division

264-C, North Block,  
New Delhi Dated the 03<sup>rd</sup> August, 2021

**OFFICE MEMORANDUM**

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- (iii) Department of Expenditure, email: [kanwal.irss@gov.in](mailto:kanwal.irss@gov.in) and [sudesh.kumar85@gov.in](mailto:sudesh.kumar85@gov.in)

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*W*  
*03/08/2021.*

(Kanwalpreet)  
Director (PPD)  
Tel.No. 2309 3811  
Email: kanwal.irss@gov.in

To,

All the Secretaries and Financial Advisers to Government of India

**Central Maintenance Cell, New Delhi**  
**Five Year Procurement Plan (2021-22 to 2025-26)**

Sr.No.	Year	Name of items	Qty.	Broad Specifications	Estimated Value in INR with GST in Lakhs	Local Vendor(Make in India/MSME) is available or not (Yes/No)	Remarks	
	2021-22	Pulse/Function Generator	1	Two Output-Dual Channel capability with frequency and Amplitude Coupling	5.02	Yes		
		In-Circuit IC Tester	1	Universal IC Tester with Buzzer	18.40	Yes		
1		Soldering, desoldering and rework System with auto temperture sense feature	1	Soldering, De-Soldering and Rework System with cartridges and accessories	6.00	No	To replace faulty 12 Years old METCAL Soldering, De-soldering and Rework	
2		Universal Programmer	1	Univeral Programmer for PALs, EEPROMs, EPROMs and Flashes XELTEK 6100N/BPWIN 1900/Bpwin 1710	6.00	No	Existing BPWin Universal programmer is obsolete and facing problem in	
3		ESD store wells with bins for storing electronic components	3	ESD store well with Bins for storing electronic components	3.00	Yes		
4		Vacuum Cleaner	1	Vacuum Cleaner	0.25	Yes		
5		Tool Kit Box	1	Tool Kit Box	0.25	Yes		
6		Online 5 KVA UPS with Battery Bank	5	Online 5 KVA UPS with Battery Bank	10.00	Yes	Intelcan DME,HF,jotron,New MDME,SITTI.	
7		Variable Dual DC Power Supply units,0-60V,20A	2	Variable Dual DC Power Supply units,0-60V,20A	4.00	Yes		
8		Desktop Computers procurement for establishing remote connectivity between Eldis Radar sites and Eldis Radar SMU	25	Desktop Computers, Monitor and other accessories	20.00	Yes		
9		Augmentation of Eldis Radar SMU Test-zig for repair & Maintenance of Eldis-III & Eldis-IV	---	Augmentation of existing Eldis Radar SMU Test-zig to meet the repair & maintenance requirement of Eldis-III and Eldis-IV version of radars	Nil in year 2021-22	No		
<b>Total Expenditure for Year 2021-22 (INR)</b>					<b>0.73 Crore</b>			
			Vector Signal Generator	1	Vectror RF Signal Generator	32.39	Yes	
			Peak Power Meter	1	Dual Channel,100pW to 25 W	9.59	Yes	
	Digital and Analog IC Tester		3	To test Digital and Analog Ics	4.60	Yes		
	Universal Programmer		4	Universal Programmer	3.96	Yes		
	VI Tester		1	Dual Channel VI Tester,Automatic Selection steps og voltage,current anf frequency	3.00	Yes		
	SMD Rework Station with auto temp sense feature		3	soldering station,desoldering station,hot air gun.	19.30	No		
	DC Electronic Load		1	Programmable DC Electronic Load,3000 watt in 03 ranges	9.86	No		
	Microscope with PC Connectivity		2	High resolution,Laser pointer,wide field view upto 20 cm.	1.70	Yes		
	LCR Meter		1	Measurment of Z,L,C,R,D,Q,B,ESR,DCR	5.68			
	Differential Probe			25MHz & 100 MHz	3.54	Yes		
	Programmable DC Power Supply		3	Dual Variable DC power supply unit 0-40 Volts,20 Amps	8.09	Yes		
	Battery Internal Impedance/Conductance Test		1	Testing of internal impedance of lead acid batteries and Li-Ion battery	12.12	No		

		RF Connector Kit	2	DC to 1 GHz	1.37	Yes	
		Current Probe	1	Sentivity 2 miliamp or 10 miliamp for each milivolt.	2.98	Yes	
10		Online 5 KVA UPS with Battery Bank/ Modular UPS 15 KVA	3/1	Online 5 KVA UPS with Battery Bank	20.00	Yes	
11		4 Channel Oscilloscope(MSO with isolation probe)	1	4 Channel Mixed Signal Oscilloscope (MSO) with Isolation probe 500 MHz	20.00	Yes	
12		Two port VNA	1	Two port VNA with Spectrum Analyzer & Vector voltmeter (10 KHz to 3 GHz)	36.00	No	ILS & VHF
13		RF signal Generator	1	Vector Signal Generator with Nav aid signal support (10 Khz to 3 GHz)	35.00	No	ILS & VHF
14		4-Channel programmable Power Supply	1	4-Channel Programmable DC Power Supply. Each Channel : (0-30)V; (0-10)A, Individually	3.50	No	ILS/VHF modules (bench test )
15		Signal Generator	1	Flight Line Test Set	30.00	No	
16		Nav Analyzer	1	NAV Analyser	34.00	No	
17		ThruLine Wattmeter	2	Dual-Element-RF-Power-Analyst-Wattmeter	1.50	No	ThalesDMEDVOR, MopiensDMEDVOR,
18		Peak Power Sensors	1	Wideband power sensors. 50 MHz to 18 GHz. 1 nW to 100 mW (-60 dBm to +20 dBm) max	11.00	No	
19		RF Adaptor Kits	2	RF connector kit-1, 5748 RF Connector kit Maxi universal Adapter kit (41) adapters, BNC socket	0.70	No	Thales, Mopiens groups
20		Tool kit	2	Facom 41 Piece Mechanical Tool Kit with Case, Brand Facom	0.70	Yes	Thales, Mopiens groups
21	2022-23	Sodering Stations with auto temperture sense feature	4	For Soldering Work	6.00	No	NewMDME,Schmid,HF,Jotron
22		De-Soldering Stations with auto temperture sense feature	8	For De-Soldering Work	8.00	No	TDME,TDVOR,SILS,Schmid,MDME,New
23		RMS Multimeter	5	True Rms Industrial Multimeter	1.75	No	New MDME,HF,Jotron,SITTI,
24		RF Dummy Loads-50 Ohms-150W,	2	RF Dummy Load 150W, 1GHz,Brand Bird, Model: 150-ST, Convection cooled, Dry termination, N-Male	1.00	No	IP VHF, Common
25		Furniture for GM Meeting Room		Modular Conference table(15 seater), Cushion back chairs-25	5.20	Yes	M/S Godrej quote:G&B/HYDERABAD/
26		Furniture for Training Rooms---1		2 seater CPU-Qty.10 & Cushion back charis -Qty.20, SITC of Audio visual system	11.00	Yes	M/S Godrej quote Dated:02.11.2021
27		Furniture for Training Rooms-2		2 seater CPU-Qty.10 & Cushion back charis -Qty.20, SITC of Audio visual system	11.00	Yes	M/S Godrej quote Dated:02.11.2021
28		Technical Furniture		3 New SMUs	16.90	Yes	3 New SMUs,M/S Godrej quote Dated: 02.11.2021
29		Test Equipment SS Trolleys	10	SS Trolley with castor wheels	3.20	Yes	Each SMU,M/S Godrej quote Dated: 02.11.2021
30		Active Electronic Load	1	DC input electronic load dual channel,up to 150 V DC,60 A,300 W each channel;total 600W	3.50	No	
31		Standard hard drive Duplicator and eraser	1	Standard Hard Drive Duplicator and Eraser 1:1 for 2.5"/3.5" SATA and SAS Drives.	2.00	No	
32		Desktop Computers procurement for establishing remote connectivity between Eldis Radar sites and Eldis Radar SMU	25	Desktop Computers, Monitor and other accessories	10.00	Yes	

33		Peak power and average sensor	1	Power sensor	3.68		
34		Spectrum Analyser	1	Spectrum Analyser of Frequency range 9 KHz to 3GHz	14.53	Yes	
35		Programmable DC Power Supply	1	Maximum Output power 120 W or more,Number of output channel 2 or more.	2.98	No	
36		Frequency Counter	1	2 mHz to 3 GHz,Number of Channels min. 02	4.10	Yes	
37		C.R.O	1	Band width 3GHz,Number of Analog Channels 04,Number of Digital Channel 16 Channel.	45.37	No	
38		Signal Generator	1	Frequency Range 9 kHz to 3 GHz,Frequency Resolution 0.1 Hz.	15.86	No	
39		Network Analyser	1	Port 02,Frequency Range 2MHz to 9 GHz,Dynamic Range 60.	14.52	No	
40		Technical furniture for ELDIS RADA SMU		ESD safe dssipative type LAB furniture.	30.00	Yes	
41		Augmentation of Eldis Radar SMU Test-zig for repair & Maintenance of Eldis-III & Eldis-IV	---	Augmentation of existing Eldis Radar SMU Test-zig to meet the repair & maintenance requirement of Eldis-III and Eldis-IV version of radars	1200.00	No	
<b>Total Expected Expenditure for Year 2022-23 (INR )</b>					<b>17.21 Crore</b>		
42	<b>2023-24</b>	Advanced IC Tester	1	40 PIN Digital/Linear IC Tester with adapter for SMD devices.	0.75	Yes	
43		LCR Meter	1	LCR Meter, 20Hz - 1 MHz	3.00	Yes	
44		Soldering, desoldering and rework System with auto temperture sense feature	1	Soldering, De-Soldering and Rework System with cartridges and accessories	6.00	No	To replace aged existing system
45		Spectrum Analyzer with Tracking Generator	1	10KHz - 3 GHz, 1HZ RBW	6.00	Yes	ILS /Common
46		Real time base band generator	1	2 Channel, 30 MHz	3.00	Yes	ILS/VHF/Common
47		DC Power Supply	2	High Precision DC Power Supply 0-32V, 10 A	1.50	Yes	
48		Rework Station with accessories for BGA/SMT having auto temp sense feature	1	Modular Rework System for the removal and reflow of BGA/CSP and SMT with accessories	7.50	No	
49		Nav Analyzer	1	100 samples/Second	34.00	No	
		Advanced IC Tester	1	GW INSTRON: Easy operating Tester, Designed for digital ICS, Small, Portable,Average search time 0.6 sec, Test pins 14~24 pins	0.77	Yes	Common,AVAILABLE Micro logics, Pune 26,500
51		2 Port Network Analyzer/ VNA Master	1	VNA with Spectrum Analyzer 9 KHz to 9 GHz	34.00	Yes	
52		Universal Programmer	1	No of devices supported 101195, No of Manufacturers supported 383, No of pins 144	1.50	No	
53		LCR Meter	1	11000 Count primary display, 10000 count secondary display	0.40	No	
54		ESD Racks	20	ESD tops, ESD laminated edge banded type 18 mmthick, 640X690X1710mm(WXDXH), Shelf Surface point to point Surface Resistance 10^8 ohms, helf Surface to ground ablepoint Resistance 10^6 to 10^8 ohms,	7.08	Yes	2 each for New SMUs
56		Packing/ Unpacking setup---Wrapping Machine, Label Printing machine and accessories	1	Foam based packing System	16.00	Yes	
57		Furniture for----Training Room-3,		2 seater CPU-Qty.15 & Cushion back charis -Qty.30, SITC of Audio visual system	14.00	Yes	M/S Godrej quote Dated:02.11.2021

58		Furniture for----Conference Hall		32 SeaterConference Table, Cushion back Chairs--Qty.60, SITC of AV system	22.00	Yes	M/S Godrej quote Dated:02.11.2021
59		Furniture for----Library,		Single sided book rack steel-Qty.8, Insight table size 1665x900x740 -Qty.5, Oxbo midback Chair-Qty.20, upbeat 4x2 table-Qty.6, Motion Highback chair-Qty.6	6.00	Yes	M/S Godrej quote Dated:02.11.2021
60		Technical Furniture		3 New SMUs	10.90	Yes	3 New SMUs,Godrej Quote dated: 02.11.2021
61		SMD Rework Station with auto temperture sense feature	1	SMD Soldering Desoldeing Rework Station with Hot Air gun.	3.20	No	
62		Programmable DC Power Supply	1	Programmable DC Power Supply,tripple output,6V-10Amp two ports,25V-2 Amp two ports,USB LAN interface .	2.00	No	
63		Augmentation of Eldis Radar SMU Test-zig for repair & Maintenance of Eldis-III & Eldis-IV	---	Augmentation of existing Eldis Radar SMU Test-zig to meet the repair & maintenance requirement of Eldis-III and Eldis-IV version of radars	800.00	No	
<b>Total Expected Expenditure for Year 2023-24 (INR )</b>					<b>9.8 crore</b>		
64	2024-25	Soldering, desoldering and rework System with auto temperture sense feature	1	Soldering, De-Soldering and Rework System with cartridges and accessories	6.00	No	To replace aged existing system
65		Electronic DC Load	1	1.25 KW	4.50	Yes	ILS/Common
66		RF Power Sensor with Elements	2	RF Power Sensor(USB) with Elements (VHF & UHF Range)	6.00	No	ILS/VHF
67		4-Channel programmable Power Supply	1	4-Channel Programmable DC Power Supply. Each Channel : (0-30)V; (0-10)A, Individually Programmable R & S HMP4040	3.50	No	ILS/VHF moudules bench test
68		Anritsu Site master S332E	1		8.00	No	
69		ESD Work Benches	10	ESD tops, ESD laminated ege banded type 18 mmthick, 640X690X1710mm(WXDXH), Shelf Surface point to point Surface Resistance 10^8 ohms, Shelf Surface to ground ablepoint Resistance 10^6 to 10^8 ohms,	3.54	Yes	New SMUs
70		Technical Furniture for I/O SMU Stores		Insight tables-Qty.10, Oxbeo Visitor Chairs-Qty.10, Ace Highback Chairs-Qty.2, Signas table-Qty.2, Steel Almirah big size-Qty.10	7.40	Yes	M/S Godrej quote Dated:02.11.2021
<b>Total Expected Expenditure for Year 2024-25 (INR )</b>					<b>0.39 Crore</b>		
71	2025-26	Nav Analyzer	1	100 samples/Second	34.00	No	
72		DC Power Supply	2	High Precision DC Power Supply 0-32V, 10 A	1.50	Yes	
73		Thermal Imaging scanner	1	Thermal camera/imager	7.00	Yes	
74		Variable Dual DC Power Supply units,0-60V,20A	2	Variable Dual DC Power Supply units,0-60V,20A	4.00	Yes	
75		Soldering station with auto temperture sense feature .	4	For Soldering Work	6.00	No	For New SMUs
76		Rework/ De-soldering station with auto temperture sense feature	4	For De-Soldering Work	4.00	no	For New SMUs
77	Thermal Imaging scanner	1	Thermal camera/imager	7.00	No		
<b>Total Expected Expenditure for Year 2025-26 (INR )</b>					<b>0.64 Crore</b>		
<b>Grand Total (INR)</b>					<b>28.8 Crore</b>		