

**GOVERNMENT OF INDIA  
DEPARTMENT OF SPACE  
ISRO TELEMETRY TRACKING & COMMAND NETWORK (ISTRAC)  
BANGALORE**

**Tender for Infrastructure setup at different labs**

**Bids to be submitted online**

**Tender No.: ISTRAC/ISTRAC PURCHASE/TR202500042601 dated 17-04-2026**

## A. Tender Details

Tender No :	<b>ISTRAC/ISTRAC PURCHASE/TR202500042601</b>
Tender Date :	<b>17-04-2026</b>
Tender Classification:	<b>GOODS</b>
Purchase Entity :	<b>ISTRAC PURCHASE</b>
Centre :	<b>ISRO TELEMETRY TRACKING &amp; COMMAND NETWORK (ISTRAC)</b>

### Infrastructure setup at different labs

- A) Type of tender:- Public Tender (Two part)
- B) GeM Non-availability report ID number GEM/GARPTS/ 25032026/YHGBK1MUE22L
- C) Evaluation criteria:- Overall L1.
- D) Only Class I/ Class II/Non Local supplier shall be eligible to bid against this tender as defined in Make in India order.
- E) Any clarification with respect to this tender shall be raised against clarification window in the new EGPS. No mail enquiries shall be entertained.
- F) The rate of GST will be as applicable per the HSN code.

### A.1 Tender Schedule

Bid Submission Start Date :	<b>17-04-2026 15:30</b>
Bid Clarification Due Date :	<b>11-05-2026 17:00</b>
Bid Submission Due Date :	<b>18-05-2026 14:00</b>
Bid Opening Date :	<b>18-05-2026 14:30</b>
Price Bid Opening Date :	<b>22-05-2026 10:00</b>

## **B. Tender Attachments**

### **Technical Write-up/Drawings**

**Document : Console tentative Layout**

### **Instructions To Vendors**

#### **1. TENDER TERMS AND CONDITIONS**

1. All information in Vendor Specified Terms shall be provided without fail to avoid unnecessary correspondence / delay in process. The same should reach before technical bid opening date and time without fail.

2. As per Rule 144(xi) of General Financial Rules, 2017, any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non consultancy services) or works (including turnkey projects) only if the bidder is registered with the Competent Authority (i.e., Department for Promotion of Industry and Internal Trade) in line with Order (Public Procurement No. 1, 2 and 3) dated 23/07/2020 and 24/07/2020 or any amendments thereon issued by the Public Procurement Division, Department of Expenditure, Ministry of Finance. Hence, Vendors or Agents of a Vendor (Indian or Others) from a country sharing border with India shall submit the copy of Valid Registration made with DPIIT along with the tender mandatorily, without which the offer will be treated as invalid.

3. a) Order no: F.No.6/18/2019 PPD dated 23.07.2020 of Department of Expenditure), Ministry of Finance Under Public procurement division for the General Financial rule (GFRs).

4. b) Class I local supplier means a supplier or service provider, whose goods, service or works offered for procurement, has local content equal to or more than 50%, as defined under order.

5. c) Class II local supplier means a supplier or service provider, whose goods, services or works offered for procurement, has local content more than 20% but less than 50%, as defined under this Order.

6. d) Bidders offering imported products will fall under the category of Non-local suppliers. They cannot claim themselves as Class I Local suppliers/Class II Local suppliers by claiming the services such as transportation, insurance, installation, commissioning, training and after sales service support like AMC/CMC etc. as local value addition.

7. e) Verification of local content: i) The Class I local supplier/ Class II local supplier at the time to

tender, bidding or solicitation shall be required to indicate percentage of local content and provide self certification that the item offered meets the local content requirement for Class I local supplier / Class II local supplier as the case may be. They shall also give details of the location(s) at which the local value addition is made.

8. A supplier who has been debarred by any procuring entity for violation of this order shall not be eligible for preference under this order for procurement by any other procuring entity for the duration of the debarment. The debarment for such other procuring entities shall take effect prospectively from the date on which it comes to the notice of other procurement entities, in the manner prescribed.

9. Delivery Terms: FOR ISTRAC

10. GENERAL TERMS & CONDITIONS FOR BIDDERS: For this procurement, bids from Class I, class II and Non-Local Suppliers are admissible. Provisions contained in Public Procurement (Preference to Make in India), Order 2017 issued by Department for Promotion of Industry and Internal Trade (DIPP), Ministry of Commerce & Industries vide letter No. P 45021/2/2017 PP(BE II) dated 04.06.2020 and subsequent amendment & directives shall be followed. Accordingly, offer will be evaluated & processed in conformation with above referred GOI order (Specially mentioned below). The bidder shall provide compliance and undertaking as per order and hereafter amendments:

11. If an agent submit bid on behalf of the principal/OEM, the same agent shall not submit a bid on behalf of another principal/OEM in this tender for the same item. If submitted, all offers will be liable for rejection.

12. iii) False declarations will be in breach of the code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules (GFR) for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the general Financial Rules along with such other actions as may be permissible under Law.

13. ii) In case bid value is in excess of Rs. 10 Cr., Class I local supplier/ Class II local supplier shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.

14. In case the bidders propose any other payment terms in deviation with the standard terms mentioned in the tender enquiry, it may be noted that applicable cash flow implications will be loaded on the prices quoted for commercial comparison of the offers. If advance payments are insisted by the bidders, interest at the rate of MCLR (Marginal Cost Linked Rate) as notified by State Bank of India from time to time shall be loaded on the prices for price comparison.

15. In this tender either the Indian agent on behalf of the principal/OEM or the principal /OEM itself can

bid, but both cannot bid simultaneously for the same item. Indian agents while quoting on behalf of their principals shall provide necessary latest authorisation letter obtained from their principals/manufacturers.

16. Liquidated damages: If the vendor fails to deliver the items on or before the delivery date, or any extension thereafter purchaser shall recover from the vendor as liquidated damages a sum of 0.5% of the contract price of the undelivered stores for each calendar week of delay. The total liquidated damages shall not exceed 10% of the contract price of the unit or units so delayed.

17. Model Certificate for Tenders: I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered.

18. Model Certificates for Tenders for Work involving possibility of sub contacting: I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub contracting to contracting from such countries I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority and will not sub contract any work to a contract form such countries unless such contractor is registered with the Competent Authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered. Provide Compliance for the above in Vendor Specified Commercial Terms.

19. NO EMD AND TENDER FEE.

20. Performance Bank Guarantee (PBG) to be furnished as a security for fulfilment of warranty obligations by the successful vendor after satisfactory execution of purchase order/Contract (3% of the value of the purchase order/Contract). Central SUs/PSE/Autonomous bodies are exempted from the production of Performance Bank Guarantee. Instead; an indemnity bond shall be furnished in lieu of PBG.

21. Product Scope: Class I local supplier/ Class II local supplier shall offer only standard and catalogued product for Equipment / Spares Cards / assemblies. If the above offered Equipment / Cards / Assemblies are under development / to be developed the bid will not be considered.

22. PUBLICITY: No publicity of any kind whatsoever in case of PURCHASE ORDER shall be given by the Supplier without prior permission of the Purchaser.

23. SECRECY: The technical information, drawings, specifications and other related documents, forming part of the CONTRACT, are the property of the Purchaser and shall not be used for any other purpose, except for execution of the CONTRACT. All rights, including rights in the event of grant of patent and registration of designs are reserved. The technical information, drawings, specifications,

records and other documents shall not be copied, transcribed, traced or reproduced in any other form or otherwise in whole and/or duplicated, modified, divulged and/or disclosed to a third party nor misused in any other form whatsoever without Purchasers consent in writing except to the extent required for the execution of this CONTRACT. These technical informations, drawings, specifications and other related documents shall be returned to the Purchaser with approved copies and duplicates, if any, immediately after they have been used for the agreed purpose.

24. Senior Purchase and Stores Officer, ISTRAC, reserves the right to accept or reject any/or all the tenders in part or full without assigning any reasons thereof.

25. Submit the bid on or before due date.

26. Successful vendor has to submit the security deposit. (3 % of the value of the purchase order). Central PSUs/PSE/Autonomous bodies shall be exempted from the payment of security deposit, and instead, an indemnity bond shall be secured from them.

27. VENDORS HAS TO REFLECT THE POINT NO (4), (5) AND (6) IN THEIR BID.

28. TAXES: GST is payable as per applicable rates.

29. Option Clause:- ISTRAC reserves the right to increase/decrease the ordered quantity by upto (25) Twenty Five percent at any time, till final delivery date (of the extended delivery date of the contract), by giving reasonable notice even though the quantity ordered initially has been supplied in full before the last date of the delivery period (or the extended delivery period)

## **2. INSTRUCTIONS TO TENDERERS FOR ONLINE SUBMISSION OF TENDERS THROUGH E-PROCUREMENT SYSTEM**

1. a) Bidders shall arrange themselves all resources, including Digital signature certificates and Internet Connections at their own cost, for participating in online tendering.
- b) Vendors can download the tender details and submit their offers online using their vendor accounts (obtained during registration) in our portal. Help demos for tender download and bidding processes are given on home page.
- c) The tender should be submitted online in the ISTRAC link before the due date and time as specified in the tender schedule in the portal.
- d) Vendors shall also take note of other Instructions to tenderers indicated in the tender documents.

2. Conditions for online submission of tenders:

- a) It is mandatory for interested parties to register as vendors in our e-procurement portal <https://eproc.vssc.gov.in/home.html> for participating in online eProcurement process of ISRO. Only registered vendors can submit their offers online in our eProcurement portal.

- b) Vendors who are already registered in the existing EGPS software of ISRO, please register by clicking the link in the email you would have already received from 'eproc@vssc.gov.in'. After registration, do the profile update by login to this portal.
- c) For new vendors, who are not registered in the existing EGPS software, vendor registration will be released along with the portal release. To register as vendors please refer to the help demos listed on the home page of the e-procurement link mentioned above. They may approach help desk (contact details provided on the home page) for any technical help for registration and subsequent process.
- d) OEM details should be added in your E-Procurement profile under Add Agent/Principal without fail.

3. ISTRAC shall not be responsible for failure of vendors in submitting bids online caused due to technical reasons at vendor end such as network or power failures, computer failure, internet-browser, mistakes / errors in filling the bids on line by vendor etc.

4. Procedure for seeking clarifications/help for the tender:

- a) All enquiries regarding the tenders and submission of offers shall be online and only through our eProcurement portal.
- b) Vendors may approach help desk e-mail id and phone number given on the home page for any technical help (e-mail: eproc@vssc.gov.in and Phone: +91471 2565454/4574/2527/3753/3289).

5. Queries by vendors on technical problems on the last day of tender will not be binding on ISTRAC/ISRO for resolving/addressing. ISTRAC will not be responsible for non-submission of bids for those cases.

### **3. CERTIFICATE OF UNDERTAKING**

1. A certificate from the bidder shall be enclosed along with their quotation (Technical bid) as per the format enclosed.

2. An AGENT is a person employed to do any act for another, or to represent another in dealings with third person.

3. Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. (Competent authority is : DEPARTMENT FOR PROMOTION OF INDUSTRY AND INTERNAL TRADE (DPIIT)).

4. (b)Control shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements.

5. Bidder from a country which shares a land border with India for the purpose means:

- (a) An entity incorporated, established or registered in such a country; or
- (b) A subsidiary of an entity incorporated, established or registered in such a country; or
- (c) An entity substantially controlled through entities incorporated, established or registered in a such a country; or
- (d) An entity whose beneficial owner is situated in such a country; or
- (e) An Indian (or other) agent of such an entity; or
- (f) A natural person who is a citizen of such a country; or
- (g) A consortium or joint venture where any member of the consortium or joint venture falls under any of the above.

6. **BIDDER** (including the term tenderer, consultant or service provider in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.

## 7. CERTIFICATE

8.

COMPANY NAME AND SEAL:

9. DESIGNATION:

10. Explanation:

(a) Controlling Ownership interest means ownership of or entitlement to more than twenty-five per cent of shares or capital or profits of the company;

11. GOVERNMENT OF INDIA

DEPARTMENT OF SPACE

ISTRAC, BENGALURU: 560 058.

12. iii) In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has

ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals.

13. (iii).I/We \_\_\_\_\_ hereby undertake that if the Certificate is found to be false at any given time ISRO/ISTRAC may treat this as a ground for immediate termination and further legal action in accordance with law can be initiated.

14. ii)In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership.

15. (ii).I/We hereby confirm that the country of origin of goods is \_\_\_\_\_

16. i)In case of a company or Limited Liability Partnership, the beneficial owner is a natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.

17. (i).I/WE \_\_\_\_\_ read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India. I / We \_\_\_\_\_ Certify that this bidder is not from such a country.

18. iv)Where no natural person is identified under (i) or (ii) or (iii) above, the beneficial owner is the relevant natural person who holds the position of senior managing official.

19. I / We \_\_\_\_\_ Certify that this bidder is from such a country and registered with the Competent Authority (i.e. Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT). Copy of Registration Certificate is enclosed.

20. NAME:

21. OR\*

I/We \_\_\_\_\_ read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India.

22. Ref:Tender No \_\_\_\_\_ date \_\_\_\_\_

Our Quotation No. \_\_\_\_\_ date \_\_\_\_\_

23. REQUIREMENT OF REGISTRATION:

24. SIGNATURE:

25. ( \* Strike out whichever is not applicable).

26. Subject: Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs) 2017 - reg.

27. The beneficial owner for the purpose of (6) above will be as under:

28. (TO BE PRINTED ON THE LETTER HEAD OF THE VENDOR)

29. v) In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

**4. MAKE IN INDIA UNDERTAKING (VENDORS SHALL SUBMIT THE BELOW CERTIFICATE ON THEIR LETTER HEAD DULY SIGNED)**

1. The type of Class which the vendor belongs: Class-I or Class-II Local Suppliers as defined under DPIIT Order dtd 04/06/2020- Preference to Make in India Order-2017 Revision. ( Class I local supplier means a supplier or service provider, whose goods, service or works offered for procurement, has local content equal to or more than 50% & Class II local supplier means a supplier or service provider, whose goods, services or works offered for procurement, has local content more than 20% but less than 50%). NOTE: Bidders offering imported products will fall under the category of Non-local suppliers. They cannot claim themselves as Class I Local suppliers/Class II Local suppliers by claiming the services such as transportation, insurance, installation, commissioning, training and after sales service support like AMC/CMC etc. as local value addition.

2. Percentage of local content for the quoted item.

3. Details of location (s) at which the local value addition is made

4. Provide self-certification that the item (s) offered meets the local content requirement for Class-I/Class-II Local Suppliers as the case may be.

## C. Bid Templates

### C.1 Technical Bid - Infrastructure setup at different labs

#### 1. Operator Consoles - Single monitor

##### Item specifications for Operator Consoles - Single monitor

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	1)Make & Model	Vendor shall provide the make, model /part number of the offered product for technical specifications validation	Yes / No / Explain		
2	2)The scope of the project	The scope of the project is for the design, supply and installation of 30 Console desks (26 with single monitors, 4 with dual monitors)	Yes / No / Explain		
3	3)Support placement for electronic systems	Consoles shall have the ability to support for placement of electronic systems such as PC monitors, printers, on the work surface and Workstations, PCs, inside the console cabinets. Design shall have sufficient work space for service/repair of the units.	Yes / No / Explain		
4	4)Separate channels for cables	Consoles shall have separate channels for running Power & Data cables with high isolation between them.	Yes / No / Explain		

5	5)Ergonomics standards	Designed shall be based on or in accordance with the ergonomics standards and human engineering considerations keeping in view the convenience of operation with suitable legroom. Shall comply with ergonomics standards in accordance with ISO 11064	Yes / No / Explain		
6	6)Work surface	Shall be a scratch-resistant, high-quality Work surface (25mm MDF LAMINATED), antifungal, antibacterial and shall have smooth edges & transitions to avoid sharp corners for operator safety.	Yes / No / Explain		
7	7)Earthing	The console structure shall have earthing provision to ensure electrically grounded.	Yes / No / Explain		
8	8)Mainframe Details	The Mainframe structure shall be Made of a Vertically Extruded Aluminium profile with a thickness of 2.0mm (or better) and profile section of 45x60 mm or better in profile size.	Yes / No / Explain		
9	9)Bottom Panel	The bottom Panel shall be minimum 1.6 to 2.0 mm CRCA steel formed section for the frame with a 1.6 to 2.00 mm (minimum) CRCA Gland plate with grommets covered.	Yes / No / Explain		
10	10)Concealed metallic brackets in Structure	The complete structure should reinforce with concealed metallic brackets to ensure the rigidity of the structure	Yes / No / Explain		

11	11)Modular Base of Structure	The console base should be a modular and weld-free, self-sustainable structure system with levellers.	Yes / No / Explain		
12	12)Flexible / VESA mount Monitor arms	a) Swivel Type Flexible Monitor arms shall be provided with VESA 100x100 brackets that can mount up to 27-inch LCD monitors with load bearing capacity up to 8 kgs. b) The coupling fixture of VESA arm mount shall be suitably design to console structure for vertical mounting rod for LCD monitors of standard make (like DELL, HP etc.). c) Preferred make is LUMI/INNOFIT/BOSCH or equivalent / better make.	Yes / No / Explain		
13	13)Structure Levelling	All individual consoles shall be joined and levelled to the uniform level work surface for the continuous surface including at joints of individual modules	Yes / No / Explain		
14	14)Doors and Ventilation	a) CRCA hinged doors of thickness 1.6mm with snap type lock handle to be provided b) Necessary ventilation slot patterns to be provided on doors for air flow / circulation	Yes / No / Explain		

15	15)Slatwall	Shall provide Heavy-duty Aluminium Slatwall for LCD monitor mounting, which shall also act as fall barrier with suitable covers and mounting brackets with load bear of LCD monitors & VESA mount monitor arm as per the design consideration wherever necessary	Yes / No / Explain		
16	16)Number of monitors per console	Single monitor	Yes / No / Explain		
17	17)Telescopic Sliding	Shall provide Telescopic Sliding channels with CPU tray can hold load upto 30 kgs.	Yes / No / Explain		
18	18)Telescopic key board tray	Shall provide telescopic keyboard tray with MS CRCA	Yes / No / Explain		
19	19)Surface finishing and coating	Surface Finishing of all Structure to be primer coated and 7 tanks processed Powder Coating finish up to 80-100 microns.	Yes / No / Explain		
20	20)Earthing and Position	a) The console structure shall have earthing provision to ensure electrically grounded b) Protective Earth (PE) bar shall be located at the bottom of console and mounted on Metallic support spaced at a minimum of 25mm from console	Yes / No / Explain		
21	21)Exhaust fans	a) The size of Noiseless Exhaust fans shall be of 4 inch b) The noiseless exhaust fan shall drive by AC power 230V. c) The construction with aluminium housing with plastic impeller. d) Noise shall be 36 to 45dBA or better.	Yes / No / Explain		

22	22)Work surface thickness and Construction	Over all thickness of work surface shall be 30mm (+/- 2mm) and shall made up of minimum 12mm Solid Acrylic and 18mm MDF Construction.	Yes / No / Explain		
23	23)Work surface finish	The top finish of the work surface shall appear as a single large surface & shall be scratch and stain resistant	Yes / No / Explain		
24	24)Work space on surface	Adequate space shall be provided on the desk for the writing area, electronic wiring, assembly, testing, and repairs, and accommodate the operator workstation, Keyboard, mouse and other miscellaneous items.	Yes / No / Explain		
25	25)Work surface supporting structure	Work surface supporting structure should have the capability to bear the static load of 50 Kg / linear feet or better	Yes / No / Explain		
26	26)Makes of Solid Acrylic (preferred standards)	Merino, Greenply and Sunmica or equivalent make.	Yes / No / Explain		
27	27)Colour of Laminate, Main structure & surface	Colour will be communicated to vendor after placement of PO before start of manufacture process. However vendor shall provide the samples for selection by ISTRAC before start of production. Vendor shall supply the consoles with selected colour without price implication.	Yes / No / Explain		
28	28)Side panel board	Aesthetic Modern Dual Tone laminated Cosmetic side panel 25mm (+/-2mm) laminated MDF construction.	Yes / No / Explain		

29	29)Slatwall cover and brackets	Shall provide Suitable slatwall cover and brackets for mounting LCD monitors & other equipment	Yes / No / Explain		
30	30)Work surface Lamination	Work surface high-quality scratch-resistant Laminated MDF with round edges and corners with suitable color and finish. The work surface shall be made up of MDF board with laminate thickness of 25mm (+/-2mm). The laminate colour will be selected at the time of production via provided shades.	Yes / No / Explain		
31	31)Surface finishing and coating	Surface Finishing of all Structure to be primer coated and 7 tanks processed Powder Coating finish up to 80-100 microns.	Yes / No / Explain		
32	32)Cable cubby box	a) Cable cubby (hydraulic pop-up) Socket box with necessary sockets on the Worksurface with suitable wire manager facility provided underneath the desk b) Box shall comprises of Power sockets (2 Nos), Dual LAN port, USB port, HDMI / DP display port, Audio port. c) Each work desk / conference table shall provide with one Cable cubby box	Yes / No / Explain		
33	33)Curve side panels	Aesthetic curve type dual toned side panels to be provided	Yes / No / Explain		
34	34)Levellers	Adjustable Levellers are to be provided in each console	Yes / No / Explain		

35	35)Cabinet Light	LED light with limit switch shall provide in each console cabinet for light illumination for repair/services	Yes / No / Explain		
36	36)Power Sockets	Each console shall be provided with a minimum of 06 Nos.230 V AC 6/5 Amps socket & a switch	Yes / No / Explain		
37	37)MCB	Each cabinet is to be provided with a MCB with 2 poles – 2No.s as main and redundant	Yes / No / Explain		
38	38)Wiring inside console	All the wiring inside the console cabinets/desks shall be done using FRLS cables of a suitable size	Yes / No / Explain		
39	39)Make & Model of Electrical Items	Required makes as per CEPO-ISRO Standards: a) Power Socket: ANCHOR / ABB / LEGRAND / MK / SCHNEIDER b) MCB: SCHNEIDER / SIEMENS / HAVELLS / ABB / LEGRAND c) Electrical FRLS cables: POLYCAB / FINOLEX / HAVELLS / RALLISON / RPG d) Terminal Block: PHOENIX / ABB / LEGRAND / MK / SCHNEIDER	Yes / No / Explain		
40	40)RJ-45 Data Socket	Each console shall be provided with a minimum of 2 sets (4 no.s) of RJ-45 data sockets (for Cat-6 x 2 no.s and CAT-6A x 2no.s)	Yes / No / Explain		
41	41)RJ-11 Telephone sockets	Each console shall have minimum of 1 No. RJ-11 Telephone socket	Yes / No / Explain		
42	42)Makes of Items of RJ-45 & RJ-11	ANCHOR / ABB / LEGRAND / MK / SCHNEIDER	Yes / No / Explain		

43	43)Cable management system	Shall provide a cable management system to route & organize the cables within the console cabinets. The cabinet shall have separate channels for running Power & Data cables	Yes / No / Explain		
44	44)Finish for cabinets / table structures	Powder-coated metal finish for cabinets / table structures as per the Selected Colour and finish. Shall be of Primer coated 7 tanks processed Powder Coating finish up to (80-100 microns)	Yes / No / Explain		
45	45)Certification & standards of console	The Console manufacture shall have the following certification / standards & test reports: a) Ergonomics design standards shall be ISO 11064 compliances with Certificate b) RoHS or equivalent compliances Certificate c) CRCA sheets test certificates d) Laminates to be fire retardant & Greenguard compliance e) Adhesion test and coating thickness test report f) Experience, Project execution & completion certificate g) Certificate of Registered office in India h) OEM Authorisation letter i) ISO 9001, 14001 and 45001 Certificates Vendor shall submit the certification / standards & test reports along with the offer for technical validation.	Yes / No / Explain		

46	46)Console dimensions	Length x Width : 900mm x 900mm (+/- 5mm) Height : 750mm (+/- 5mm) for worksurface	Yes / No / Explain		
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**Document : TENTATIVE CONSOLE DIAGRAM**

**2. Operator Consoles - Dual Monitor**

**Item specifications for Operator Consoles - Dual Monitor**

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	1)Make & Model	Vendor shall provide the make, model /part number of the offered product for technical specifications validation	Yes / No / Explain		
2	2)The scope of the project	The scope of the project is for the design, supply and installation of 30 Console desks (26 with single monitors, 4 with dual monitors)	Yes / No / Explain		
3	3)Support placement for electronic systems	Consoles shall have the ability to support for placement of electronic systems such as PC monitors, printers, on the work surface and Workstations, PCs, inside the console cabinets. Design shall have sufficient work space for service/repair of the units.	Yes / No / Explain		
4	4)Separate channels for cables	Consoles shall have separate channels for running Power & Data cables with high isolation between them.	Yes / No / Explain		

5	5)Ergonomics standards	Designed shall be based on or in accordance with the ergonomics standards and human engineering considerations keeping in view the convenience of operation with suitable legroom. Shall comply with ergonomics standards in accordance with ISO 11064	Yes / No / Explain		
6	6)Work surface	Shall be a scratch-resistant, high-quality Work surface (25mm MDF LAMINATED), antifungal, antibacterial and shall have smooth edges & transitions to avoid sharp corners for operator safety.	Yes / No / Explain		
7	7)Earthing	The console structure shall have earthing provision to ensure electrically grounded.	Yes / No / Explain		
8	8)Mainframe Details	The Mainframe structure shall be Made of a Vertically Extruded Aluminium profile with a thickness of 2.0mm (or better) and profile section of 45x60 mm or better in profile size.	Yes / No / Explain		
9	9)Bottom Panel	The bottom Panel shall be minimum 1.6 to 2.0 mm CRCA steel formed section for the frame with a 1.6 to 2.00 mm (minimum) CRCA Gland plate with grommets covered.	Yes / No / Explain		
10	10)Concealed metallic brackets in Structure	The complete structure should reinforce with concealed metallic brackets to ensure the rigidity of the structure	Yes / No / Explain		

11	11)Modular Base of Structure	The console base should be a modular and weld-free, self-sustainable structure system with levellers.	Yes / No / Explain		
12	12)Flexible / VESA mount Monitor arms	a) Swivel Type Flexible Monitor arms shall be provided with VESA 100x100 brackets that can mount up to 27-inch LCD monitors with load bearing capacity up to 16 kgs. b) The coupling fixture of VESA arm mount shall be suitably design to console structure for vertical mounting rod for LCD monitors of standard make (like DELL, HP etc.). c) Preferred make is LUMI/INNOFIT/BOSCH or equivalent / better make.	Yes / No / Explain		
13	13)Structure Levelling	All individual consoles shall be joined and levelled to the uniform level work surface for the continuous surface including at joints of individual modules	Yes / No / Explain		
14	14)Doors and Ventilation	a) CRCA hinged doors of thickness 1.6mm with snap type lock handle to be provided b) Necessary ventilation slot patterns to be provided on doors for air flow / circulation	Yes / No / Explain		

15	15)Slatwall	Shall provide Heavy-duty Aluminium Slatwall for LCD monitor mounting, which shall also act as fall barrier with suitable covers and mounting brackets with load bear of LCD monitors & VESA mount monitor arm as per the design consideration wherever necessary	Yes / No / Explain		
16	16)Number of monitors per console	Vertically mounted dual monitor	Yes / No / Explain		
17	17)Telescopic Sliding	Shall provide Telescopic Sliding channels with CPU tray can hold load upto 30 kgs.	Yes / No / Explain		
18	18)Telescopic key board tray	Shall provide telescopic keyboard tray with MS CRCA	Yes / No / Explain		
19	19)Surface finishing and coating	Surface Finishing of all Structure to be primer coated and 7 tanks processed Powder Coating finish up to 80-100 microns.	Yes / No / Explain		
20	20)Earthing and Position	a) The console structure shall have earthing provision to ensure electrically grounded b) Protective Earth (PE) bar shall be located at the bottom of console and mounted on Metallic support spaced at a minimum of 25mm from console	Yes / No / Explain		
21	21)Exhaust fans	a) The size of Noiseless Exhaust fans shall be of 4 inch b) The noiseless exhaust fan shall drive by AC power 230V. c) The construction with aluminium housing with plastic impeller. d) Noise shall be 36 to 45dBA or better.	Yes / No / Explain		

22	22)Work surface thickness and Construction	Over all thickness of work surface shall be 30mm (+/- 2mm) and shall made up of minimum 12mm Solid Acrylic and 18mm MDF Construction.	Yes / No / Explain		
23	23)Work surface finish	The top finish of the work surface shall appear as a single large surface & shall be scratch and stain resistant	Yes / No / Explain		
24	24)Work space on surface	Adequate space shall be provided on the desk for the writing area, electronic wiring, assembly, testing, and repairs, and accommodate the operator workstation, Keyboard, mouse and other miscellaneous items.	Yes / No / Explain		
25	25)Work surface supporting structure	Work surface supporting structure should have the capability to bear the static load of 50 Kg / linear feet or better	Yes / No / Explain		
26	26)Makes of Solid Acrylic (preferred standards)	Merino, Greenply and Sunmica or equivalent make.	Yes / No / Explain		
27	27)Colour of Laminate, Main structure & surface	Colour will be communicated to vendor after placement of PO before start of manufacture process. However vendor shall provide the samples for selection by ISTRAC before start of production. Vendor shall supply the consoles with selected colour without price implication.	Yes / No / Explain		
28	28)Side panel board	Aesthetic Modern Dual Tone laminated Cosmetic side panel 25mm (+/-2mm) laminated MDF construction.	Yes / No / Explain		

29	29)Slatwall cover and brackets	Shall provide Suitable slatwall cover and brackets for mounting LCD monitors & other equipment	Yes / No / Explain		
30	30)Work surface Lamination	Work surface high-quality scratch-resistant Laminated MDF with round edges and corners with suitable color and finish. The work surface shall be made up of MDF board with laminate thickness of 25mm (+/-2mm). The laminate colour will be selected at the time of production via provided shades.	Yes / No / Explain		
31	31)Surface finishing and coating	Surface Finishing of all Structure to be primer coated and 7 tanks processed Powder Coating finish up to 80-100 microns.	Yes / No / Explain		
32	32)Cable cubby box	a) Cable cubby (hydraulic pop-up) Socket box with necessary sockets on the Worksurface with suitable wire manager facility provided underneath the desk b) Box shall comprises of Power sockets (2 Nos), Dual LAN port, USB port, HDMI / DP display port, Audio port. c) Each work desk / conference table shall provide with one Cable cubby box	Yes / No / Explain		
33	33)Curve side panels	Aesthetic curve type dual toned side panels to be provided	Yes / No / Explain		
34	34)Levellers	Adjustable Levellers are to be provided in each console	Yes / No / Explain		

35	35)Cabinet Light	LED light with limit switch shall provide in each console cabinet for light illumination for repair/services	Yes / No / Explain		
36	36)Power Sockets	Each console shall be provided with a minimum of 06 Nos.230 V AC 6/5 Amps socket & a switch	Yes / No / Explain		
37	37)MCB	Each cabinet is to be provided with a MCB with 2 poles – 2No.s as main and redundant	Yes / No / Explain		
38	38)Wiring inside console	All the wiring inside the console cabinets/desks shall be done using FRLS cables of a suitable size	Yes / No / Explain		
39	39)Make & Model of Electrical Items	Required makes as per CEPO-ISRO Standards: a) Power Socket: ANCHOR / ABB / LEGRAND / MK / SCHNEIDER b) MCB: SCHNEIDER / SIEMENS / HAVELLS / ABB / LEGRAND c) Electrical FRLS cables: POLYCAB / FINOLEX / HAVELLS / RALLISON / RPG d) Terminal Block: PHOENIX / ABB / LEGRAND / MK / SCHNEIDER	Yes / No / Explain		
40	40)RJ-45 Data Socket	Each console shall be provided with a minimum of 2 sets (4 no.s) of RJ-45 data sockets (for Cat-6 x 2 no.s and CAT-6A x 2no.s)	Yes / No / Explain		
41	41)RJ-11 Telephone sockets	Each console shall have minimum of 1 No. RJ-11 Telephone socket	Yes / No / Explain		
42	42)Makes of Items of RJ-45 & RJ-11	ANCHOR / ABB / LEGRAND / MK / SCHNEIDER	Yes / No / Explain		

43	43)Cable management system	Shall provide a cable management system to route & organize the cables within the console cabinets. The cabinet shall have separate channels for running Power & Data cables	Yes / No / Explain		
44	44)Finish for cabinets / table structures	Powder-coated metal finish for cabinets / table structures as per the Selected Colour and finish. Shall be of Primer coated 7 tanks processed Powder Coating finish up to (80-100 microns)	Yes / No / Explain		
45	45)Certification & standards of console	The Console manufacture shall have the following certification / standards & test reports: a) Ergonomics design standards shall be ISO 11064 compliances with Certificate b) RoHS or equivalent compliances Certificate c) CRCA sheets test certificates d) Laminates to be fire retardant & Greenguard compliance e) Adhesion test and coating thickness test report f) Experience, Project execution & completion certificate g) Certificate of Registered office in India h) OEM Authorisation letter i) ISO 9001, 14001 and 45001 Certificates Vendor shall submit the certification / standards & test reports along with the offer for technical validation.	Yes / No / Explain		

46	46)Console dimensions	Length x Width : 900mm x 900mm (+/- 5mm) Height : 750mm (+/- 5mm) for worksurface	Yes / No / Explain		
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**Document : TENTATIVE CONSOLE DIAGRAM**

**Common Specifications (Applicable for all items)**

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	1)Warranty	All the consoles & Accessories shall have Minimum three years warranty period from the date of installation and acceptance by ISTRAC	Yes / No / Explain		
2	2)Submission of drawings	Tentative drawings are attached for the reference. However, Vendor should submit the actual design drawings along with offer including 2D & 3D design rendering drawings. Vendor / Manufacturer shall provide console designs based on the indicated specifications/ requirements & layouts to ISTRAC for evaluation. If not submitted it will be treated as Incomplete offer.	Yes / No / Explain		
3	3)Consoles Drawings	Copy pasting same drawing in provided specification sheet or the internet images will not be acceptable. Detailed drawing with BOM of console with its 3D appearance /presentation with colour option and logo insert should be provided otherwise it will be treated as Incomplete offer.	Yes / No / Explain		

4	4)Installation location	The Installation locations of consoles are shown in drawings, Vendor shall accept if any changes by ISTRAC during installation.	Yes / No / Explain		
5	5)OEM Authorisation	The bidder shall provide Original Equipment Manufacturer (OEM) undertaking that the bidder is authorized to quote for this tender. The offered consoles will be supported by the OEM for the period of 3 years warranty. The authorization shall be tender specific and addressed to the tender issuing authority	Yes / No / Explain		
6	6)Responsibility of Supplier / OEM	The Supplier / manufacturer shall be a fully responsible for the manufacture of product including all design services, metal work, wood work and mill work to ensure product consistency, quality and excellence finish.	Yes / No / Explain		
7	7)Modifications if required	Based on the designs submitted by the Vendor/manufacturer, ISTRAC may suggest modifications. Vendor/manufacturer should be willing to accommodate such modifications during the evaluation and /or at the time of final order and production.	Yes / No / Explain		
8	8)Installation work	Installation and commissioning is the sole responsibility of the vendor	Yes / No / Explain		
9	9)In case of defects	In case of any defects arise during installation due to improper installation practices, by vendors/ their representatives, the same has to be replaced / rectified at free of cost.	Yes / No / Explain		

10	10) Compliance Statement	Vendor shall provide the compliance statement for all specifications along with offered parameters and it is mandatory. If completely filled compliance statement not provided along with offer, such offers will be treated as "Incomplete offer" and liable to reject technically.	Yes / No / Explain		
11	11) Site Visit	Site visit is permissible with prior information, If Vendor / OEM wish visit site for inspection and assessment of measurements before submission of the tender offer.	Yes / No / Explain		
12	12) Partial quote not acceptable	Vendor shall mandatorily quote for all requirements of this tender for implementation at ISTRAC, Bangalore and award of contract will be based on consolidated evaluation. Partial bidding will not be considered. The entire requirement will be treated as single entity	Yes / No / Explain		
13	13) Bidder selection	The lowest-1 will be arrived based on the overall integrated offered solution for all the consoles including accessories.	Yes / No / Explain		
14	14) ISO Certificate	Vendor shall have registered & valid ISO certificate and same should be submitted for validation	Yes / No / Explain		
15	15) Project completion	Vendor shall have executed at least one project of minimum 25 lakhs worth in last within 3 years in any Government / Public Sector / Private sector. Vendor shall produce the successful project completion certificate.	Yes / No / Explain		

16	16)Registered office	Vendor shall have a registered office in INDIA	Yes / No / Explain		
17	17)MII percentage	Vendor shall produce the MII percentage applicable for the product supply excluding labour charges as per MII guidelines.	Yes / No / Explain		
18	18)Delivery period	Vendor shall clearly mention the delivery period for the project completion including supply, installation & commissioning not exceeding 60 days from the date of placement of PO.	Yes / No / Explain		

### Supporting Documents required from Vendor

**1. OEM authorisation Letter, if applicable**

**2. Layout drawings of the console in 3 rooms**

**3. Drawings of the console**

5 additional documents can be uploaded by the vendor

## C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	The L1 for this bid shall be based on the overall cost of the items (single monitor console & dual monitor console)	Yes / No / Explain	
2	Vendor shall clearly mention the delivery period for the project completion including supply, installation & commissioning not exceeding 60 days from the date of placement of PO.	Yes / No / Explain	
3	Payment Term (Our normal terms of payment is 100% within 30 days from the date of receipt and acceptance of the item at our site)	Yes / No / Explain	
4	Taxes and other costs, if any	Yes / No / Explain	
5	Delivery Period	Yes / No / Explain	
6	Delivery Term	Yes / No / Explain	
7	Security Deposit: FD or BG for 3% of total PO value incl. taxes to be submitted within 30 days after receipt of PO and valid till supply & acceptance.	Yes / No / Explain	
8	Performance Bank guarantee : BG for 3% of total PO value incl. taxes to be submitted while claiming payment valid till end of warranty period with a claim period of 60 days.	Yes / No / Explain	
9	SD-cum-Warranty (PBG) (in lieu of SD & PBG as a single instrument): BG for 3% of total PO value incl. taxes to be submitted within 30 days after receipt of PO valid till end of warranty period with a claim period of 60 days.	Yes / No / Explain	

10	<p><b>DELAY IN COMPLETION / LIQUIDATED DAMAGES :</b>Time is the essence of the contract. If the Contractor fails to deliver the stores within the time specified in the Contract or any extension thereof, the Purchaser shall recover from the Contractor as Liquidated Damages a sum of one-half of one per cent (0.5%) of the Contract price of the delayed stores for each calendar week of delay. The total liquidated damages shall not exceed ten percent (10%) of the contract price. Stores will be deemed to have been delivered only when all their component parts are also delivered. If certain components are not delivered in time, the stores will be considered as delayed until such time as the missing parts are delivered.</p>	Yes / No / Explain	
11	Warranty Period	Yes / No / Explain	
12	Validity (90 days for Single Part tenders, 120 days for Two part tenders & 90 days after price bid opening)	Yes / No / Explain	
13	Name and Address of the company on whom purchase order to be placed.	Yes / No / Explain	
14	<p><b>Certificate of Undertaking:</b> Any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods or services (including consultancy services and non consultancy services) or works (including turn-key projects) only if the bidder is registered with the Competent authority (i.e. DPIIT). Hence, it is mandatory to furnish Certificate of Undertaking as indicated in the tender document.</p>	Yes / No / Explain	
15	<p>Foreign vendors are permitted to quote. 1.Class -I and Class-II Local suppliers/Non-local suppliers as per make in India policy are also eligible to participate in the bid. 2. The percentage of local content should be specifically mentioned in the offer if the quote is from Class-I or Class-II local supplier 3. Preference will be given as per MII order. For tender valuing more than INR 10 Crores, Certificate from CA/Cost accountant as specified in MII order to be submitted)</p>	Yes / No / Explain	

16	Percentage of local content for the quoted item.	Yes / No / Explain	
17	Details of location (s) at which the local value addition is made	Yes / No / Explain	
18	Government e-Marketplace Seller ID	Yes / No / Explain	
19	Any other terms	Yes / No / Explain	
20	Whether Micro and Small Enterprises [MSEs] (Yes or no). Please submit valid MSE certificate along with the bid.	Yes / No / Explain	
21	Whether you are claiming MSE Purchase preference (Yes or No)	Yes / No / Explain	

22	<p>Arbitration: Local suppliers: :In the event of any dispute/s, difference/s or claim/s arising out of or relating to the interpretation and application of the Contract, such dispute/s or difference/s or claim/s shall be settled amicably by mutual consultations of the good Offices of the respective Parties and recognizing their mutual interests attempt to reach a solution satisfactory to both the parties. If such a resolution is not possible, within 30 days from the date of receipt of written notice of the existence of such dispute/s, then the unresolved dispute/s or difference/s or claim/s shall be referred to the Sole Arbitrator appointed by the Parties by mutual consent, in accordance with the rules and procedures of Arbitration and Conciliation Act 1996 together with amendments thereto or any modification thereof. The Arbitration shall be conducted in Bengaluru in the Arbitration and Conciliation Centre-Bengaluru (Domestic and International) as per its rules and regulations. The expenses for the Arbitration shall be shared equally or as may be determined by the Arbitrator. The considered and written decision of the Arbitrator shall be final and binding between the Parties. The applicable language for Arbitration shall be English only. Work under the contract shall be continued by the Tenderer during the pendency of arbitration proceedings, without prejudice to a final adjustment in the accordance with the decision of the Arbitrator unless otherwise directed in writing by the Purchaser or unless the matter is such that the works cannot be possibly continued until the decision (whether final or interim) of the Arbitrator is obtained. Adherence and acceptance to this Clause is Compulsory or otherwise the Tender will be rejected.</p>	Yes / No / Explain	
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23	Arbitration with Overseas Supplier: In the event of any dispute or difference arising out of or in connection with this Purchase Order, such dispute or difference shall be settled amicably by mutual consultants or through the good offices of the respective parties. If such resolution is not possible, then the unresolved dispute or difference shall be referred to the Sole Arbitrator appointed in accordance with provisions of the ICADR Arbitration Rules, 1996 of the International Center for Alternative Dispute Resolution, New Delhi. The Arbitration shall be conducted in India in accordance with the Rules & Procedures of the Arbitration and Conciliation Act of 1996 or any re-enactment or modification thereof. The expenses for the Arbitration shall be paid as may be determined by the Arbitrator. The Seat for Arbitration shall be Bengaluru. The applicable language for Arbitration shall be English only. Adherence and acceptance to this Clause is Compulsory or otherwise the Tender will be rejected.	Yes / No / Explain	
24	Arbitration with Public Sector Undertakings: In the event of any dispute or difference relating to the interpretation and application of the Contract, such dispute or difference shall be taken up by either party for resolution through AMRCD as mentioned in DPE OM No. 4 (1)/2013 - DPE (GM) /FTS 1835 dated 22.05.2018 and/or amended thereafter".	Yes / No / Explain	
25	Percentage of Agency Commission included in the quoted price.	Yes / No / Explain	
26	Country of Origin	Yes / No / Explain	
27	During Warranty, To & Fro charges in case of repairs/replacements will be to suppliers account.	Yes / No / Explain	

### C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
1	Operator Consoles - Single monitor	26.00 Nos.		-		

2	Operator Consoles - Dual Monitor	4.00 Nos.		-		
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**Common charges (Applicable for all items)**

<b>P&amp;F Charges</b>	
<b>Freight Charges</b>	
<b>Installation Charges</b>	
<b>Documentation &amp; Handling Charges</b>	
<b>Other Charges (If any)</b>	