



Bid Number/बोली क्रमांक (बिड संख्या):
GEM/2023/B/4095806
Dated/दिनांक : 21-11-2023

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	21-12-2023 15:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	21-12-2023 15:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	120 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Finance
Department Name/विभाग का नाम	Department Of Economic Affairs
Organisation Name/संगठन का नाम	Security Printing And Minting Corporation Of India Limited (spmci)
Office Name/कार्यालय का नाम	Janpath
Item Category/मद केटेगरी	Custom Bid for Services - SITC of LAN for Internet and SAP network
Contract Period/अनुबंध अवधि	3 Month(s)
MSE Exemption for Years Of Experience/अनुभव के वर्षों से एमएसई छूट/ and Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है	Yes
Startup Exemption for Years Of Experience/अनुभव के वर्षों से स्टार्टअप छूट/ and Turnover/ टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है	Yes
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (Requested in ATC),Additional Doc 4 (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
Type of Bid/बिड का प्रकार	Two Packet Bid
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	7 Days
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation

Bid Details/बिड विवरण

Financial Document Indicating Price Breakup Required/मूल्य दर्शाने वाला वित्तीय दस्तावेज ब्रेकअप आवश्यक है	Yes
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EMD Detail/ईएमडी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
EMD Amount/ईएमडी राशि	132000

ePBG Detail/ईपीबीजी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)	10.00
Duration of ePBG required (Months) / ईपीबीजी की अपेक्षित अवधि (महीने).	65

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने हैं। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable./ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए।

Beneficiary/लाभार्थी :

Chief General Manager
India Government Mint, Kolkata, West Bengal, Pin 700053
(Chief General Manager)

Splitting/विभाजन

Bid splitting not applied/बोली विभाजन लागू नहीं किया गया.

MII Compliance/एमआईआई अनुपालन

MII Compliance/एमआईआई अनुपालन	Yes
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MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to their meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
3. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference for services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered service. If L-1 is not an MSE and MSE Service Provider (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, then 100% order quantity will be awarded to such MSE bidder subject to acceptance of L1 bid price.
[OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.
4. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

Additional Qualification/Data Required/अतिरिक्त योग्यता /आवश्यक डेटा

Payment Terms:[1697455918.pdf](#)

GEM Availability Report (GAR):[1697455923.pdf](#)

Scope of Work:[1700289617.pdf](#)

Service Level Agreement (SLA):[1700289626.pdf](#)

Custom Bid For Services - SITC Of LAN For Internet And SAP Network (1)

Technical Specifications/तकनीकी विशिष्टियाँ

Specification	Values
Core	
Description /Nomenclature of Service Proposed for procurement using custom bid functionality	SITC of LAN for Internet and SAP network
Regulatory/ Statutory Compliance of Service	YES
Compliance of Service to SOW, STC, SLA etc	YES
Addon(s)/एडऑन	

Additional Specification Documents/अतिरिक्त विशिष्टि दस्तावेज़

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	The quantity of procurement "1" indicates Project based or Lumpsum based hiring.	Additional Requirement/अतिरिक्त आवश्यकता
1	Jenar Kumar Sinha	700053,India Govt Mint, Alipore Kolkata , West Bengal	1	N/A

Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें**1. Generic**

OPTION CLAUSE: The buyer can increase or decrease the contract quantity or contract duration up to 25 percent at the time of issue of the contract. However, once the contract is issued, contract quantity or contract duration can only be increased up to 25 percent. Bidders are bound to accept the revised quantity or duration

2. Certificates

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

3. Service & Support

AVAILABILITY OF OFFICE OF SERVICE PROVIDER: An office of the Service Provider must be located in the state of Consignee. DOCUMENTARY EVIDENCE TO BE SUBMITTED.

4. Forms of EMD and PBG

Bidders can also submit the EMD with Account Payee Demand Draft in favour of

S P M Corporation of India Limited
payable at
Kolkata

Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

5. Forms of EMD and PBG

Bidders can also submit the EMD with Fixed Deposit Receipt made out or pledged in the name of A/C (Name of the Buyer). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of EMD, the FDR will be released in the favour of the bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Bidder has to upload scanned copy/ proof of the FDR along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date/ Bid Opening date

6. Forms of EMD and PBG

Bidders can also submit the EMD with Banker's Cheque in favour of

S P M Corporation of India Limited
payable at
Kolkata

Bidder has to upload scanned copy / proof of the BC along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

7. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of

S P M Corporation of India Limited
payable at
Kolkata

. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

8. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of

S P M Corporation of India Limited
A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of contract.

9. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

1. Terms and Conditions:

Guidelines of SPMCIL Procurement Manual Version 2.0 will be applicable to this bid at any stage to avoid any conflict at later stage. Kindly refer GIT and GCC of SPMCIL Procurement Manual Version 2.0 for additional terms and conditions as per the links given below:

General Instruction to Tenderer (GIT): <https://spmcil.com/uploaddocument/GIT/new.pdf>

General Conditions of Contract (GCC): <https://spmcil.com/uploaddocument/GCC/new.pdf>

2. Delivery Period:

a) Schedule for completion of Tasks:- The selected bidder would be required to Drilling, Digging, leveling, cabling, Install, Commission, test and operationalize the Networking & Infrastructure within Ninety (90) days of the issue of Contract.

b) The vendor is responsible for delivering the goods and duly unloading the same at the General Store of India Government Mint, Kolkata after taking necessary Gate Pass from CISF at the main gate by showing the ID proof, Purchase Order & invoice etc. and necessary documents like invoice, delivery challan, copy of PO, e-way bill, bank details in company letter head duly sealed and signed etc. are to be handed over to Store-in-charge.

3. Terms and Mode of payments:

100% on receipt and acceptance of goods & services at destination by the user section of India Government Mint, Kolkata and on production of all required documents by the supplier. (Acceptance means goods supplied in proper condition at India Govt. Mint, Kolkata as well as meeting other terms and conditions of Purchase order.)

4. Warranty:

(a) The supplier warrants that the goods supplied under the contract is new, unused and incorporate all recent improvements in design and materials unless prescribed otherwise by India Govt. Mint, Kolkata in the contract. The supplier further warrants that the goods supplied under the contract shall have no defect arising

sing from design, materials (except when the design adopted and / or the material used are as per specification of India Govt. Mint, Kolkata) or workmanship or from any act or omission of the supplier, that may develop under normal use of the supplied goods under the conditions prevailing in India.

(b) The goods along with all accessories supplied & installed under this contract shall be warranted against any type of defects arising due to design, faulty material, workmanship, poor packing and damage during transportation and unloading/shifting/lifting, storage and for trouble free operation.

(c) The Warranty shall remain valid for a period of minimum **Five (5) Years** from the date of final acceptance certificate (FAC) issued by India Government Mint, Kolkata and shall include repairing and replacing of defective parts, workmanship and services, required operational and maintenance support services at free of cost, which are essentially required to put the entire System in normal operation.

(d) In case of any claim arising out of this warranty, India Govt. Mint shall promptly notify the same in writing to the supplier.

(e) Upon receipt of such notice, the supplier shall, with all reasonable speed and time, repair or replace the defective goods free of cost, at the ultimate destination. The supplier shall take over the replaced goods after providing their replacements and no claim, whatsoever shall lie on India Govt. Mint, Kolkata for such replaced goods thereafter.

(f) In the event of any rectification of a defect or replacement of any defective goods during the warranty period, the warranty for the rectified/ replaced goods shall be extended to a further period of twelve months from the date such rectified / replaced goods starts functioning to the satisfaction of India Govt. Mint, Kolkata.

(g) If the supplier, having been notified, fails to rectify/ replace the defect(s) within a delivery period, India Govt. Mint, Kolkata may proceed to take such remedial action(s) as deemed fit by India Govt. Mint, Kolkata at the risk and expense of the supplier and without prejudice to other contractual rights and remedies, which India Govt. Mint, Kolkata may have against the supplier.

5. Transportation of Domestic Goods:

To be borne by the supplier duly unloaded at the General store of India Govt. Mint, Kolkata.

6. Packing:

Goods should be suitably packed. The packing should be weather proof and should be made water proof to prevent damage during transit. The supplier will also be responsible for unloading and stacking at India Government Mint, Kolkata Store as per instruction of competent authority.

7. Insurance:

The supplier shall make arrangements for insuring the goods against loss or damage, incidental to manufacture or acquisition, transportation, storage and delivery. The Supplier shall be responsible till the entire goods contracted for arrive in good condition at destination. The transit risk in this respect shall be covered by the supplier by getting the goods duly insured. The insurance cover shall be obtained by the supplier in its own name not in the name of India Government Mint, Kolkata or its consignee. For details please refer to clause 12 of General Conditions of Contract (GCC).

8. Quantum of LD:

If the supplier fails to deliver any or all of the goods or fails to perform the services within the time frame(s) incorporated in the contract (for both with respect to delivery of goods as well as Installation, commission, training and Final Acceptance Test (FAT)), India Govt. Mint, Kolkata shall, without prejudice to other rights and remedies available to India Govt. Mint, Kolkata under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to the 0.5% of the delivered price of the delayed goods and/or services for each week of delay or part thereof until actual delivery or performance, subject to a maximum deduction of the 10% of the delayed goods' or services' contract price(s).

9. The total cost inclusive of all as cited above on FOR India Govt. Mint, Kolkata (W.B) basis should be indicated clearly both in words and figures in the price bid.

10. Documentary evidence to be submitted towards PAN & GST Registration Certificate.

11. Upload Manufacturer Authorization:

The participating bidder must submit Manufacturers Authorisation Form (MAF)/Certificate along with the bi

d in the format provided in Annexure- I under Scope of Work document.

12. Participating Bidder must submit sealed and signed copy of entire GeM bid document including the Technical Specification. Also the participating bidder must submit sealed & signed Annexure II in their letter head & checklist attached under Scope of Work.

13. All the supporting documents submitted along with this bid should be signed and sealed by the authorized signatory of the firm mandatorily. The bid document shall not contain any erasure or overwriting, except as necessary to correct any error made by the tenderer and, if there is any such correction; the same shall be initialled by the person(s) signing the tender.

14. The supplier has to provide GeM invoice during submission of bill for payment.

15. Price Schedule:

While quoting the price through GeM portal, the detailed price breakup along with GST percentage must be mentioned and attached as pdf in the document attachment option of price bid mandatorily. Do not upload financial documents related to financial standings like audited balance sheets in the document attachment field of price bid, attach only the detailed price breakup of the quotation as mentioned above. Detailed price breakup of the quotation must be in the format as attached in the end of this bid document.

Price to be mentioned only in price bid not in Techno commercial bid or any other place. If it is mentioned any other part other than price bid, the offer will be rejected.

16. Qualification/ Eligibility Criteria

A. EXPERIENCE & PAST PERFORMANCE : The bidder should have experience of having successfully completed similar kind of services for the value at least Rs.26.38 Lakhs in any one of the last five years ending on 31.03.2023.

Note:

(i) **Similar Kind of Services Means:** Network installation and management type of work.

(ii) In support of Experience & Past Performance copy of supply/ work order; respective completion certificate and contact details of clients (previous buyer of the items) to be enclosed along with the tender.

(ii) All copy of supply/ work order; respective completion certificate and contact details of clients: in support of experience, past performance should be authenticated by the by the person authorized to sign the tender on behalf of the bidder.

B. CAPABILITY - The bidder must have capability to provide the relevant services.

Note:

(i) In support of the Capability, the bidder has to submit copy of supporting documents.

(ii) For verifying the capability/capacity, India Government Mint, Kolkata reserves the right to depute its authorized representatives at the worksites of the bidder. In the event, the firm is found not having capability /capacity, their offer is liable to be rejected.

C. FINANCIAL STANDING :

i) The average annual financial turnover of the bidder during the last three years, ending on 31.03.2023, should be at least Rs.26.38 Lakhs as per the annual report (audited balance sheet and profit & loss account) of the relevant period, duly authenticated by a Chartered Accountant/ Cost Accountant in India.

ii) The bidder should not have suffered any financial loss for more than one year during the last three years, ending on 31.03.2023.

iii)

a) The net worth of the Bidder should not be negative on 31.03.2023 and also

b) Should not have eroded by more than 30% in the last three years, ending on 31.03.2023.

Note:

(i) For net worth erosion calculation of last three(3) years ending on 31.03.2023, audited balance sheet of I

d of contract fails to abide by the terms and conditions of these tender documents, or fails to supply the deliverables as per delivery schedule given or at any time repudiates the contract, the purchaser shall have the right to:

(i) Invoke the Security-cum-Performance Guarantee if deposited by the supplier and procure stores from other agencies at the risk and consequence of the supplier. The cost difference between the alternative arrangement and supplier tendered value will be recovered from the supplier.

(b) Supplier has to abide by all the terms and conditions of tender.

(c) In case of procurement through alternative sources and if procurement price is lower, no benefit on this account will be passed on to the supplier.

25. Quality Control Requirements:

Quality of Goods & Services: Free from all technical defects, in compliance with our Technical Specification /Scope of work.

i) Goods/service supplied not in conformity with tender specification will be treated as goods/service not supplied at all and supplier shall take supplied material not conforming to order specification back within 15 days. Goods/service shall be delivered by the supplier in accordance with the terms and conditions specified in the contract failing which expenses of keeping goods at purchaser's premises may be levied on supplier.

ii) Delivery date will be calculated from the date goods/services are received in acceptable quality in accordance with technical specification/scope of work.

26. All safety and security of the workmen is the sole responsibility of the awarded firm itself and in case of any unwanted incidents India Government Mint, Kolkata authorities would not be liable under any circumstances.

27. Disclaimer :

The issue of this Bid Document does not imply that the Purchaser is bound to select Bidder(s) and the Purchaser reserves the right to reject all or any of the Bidders or Bids or to decide to drop the procurement process at any stage without assigning any reason.

28. The bidder has to submit documents as per following Check list as given below along with the Technical bid documents without fail:

1	Entire Tender Document Duly Seal & Signed on every page including scope of work as an acceptance of all terms & conditions of the tender
2	Submitted the documents as per Qualification / Eligibility criteria as per Clause 16 of awarded bid specific ATC (i) Proof of Experience (ii) Proof of Capability (iii) Financial data
3	Documentary evidence towards PAN & GST Registration Certificate
4	Submit filled, signed & sealed copy of Manufacturer's Authorization Form as per Annexure I attached in Scope of work
5	Sealed & Signed Declaration (Annexure -II attached in scope of work)
6	Proof of EMD(scanned copy) as applicable or any exemption certificate

7	Documentary/undertaking against Make in India Status i.e. being a Class I/ Class II supplier with details of percentage
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***FOR ANY OTHER QUERIES, FIRMS MAY CONTACT IN THE BELOW DETAILS:**

Ph. No. 033 - 2401 4132,33,34,35, (Extension 336/ 319/ 326);

Email: purchase.igmk@spmcil.com

10. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. Any clause(s) incorporated by the Buyer regarding following shall be treated as null and void and would not be considered as part of bid:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process.
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

This Bid is governed by the [General Terms and Conditions/सामान्य नियम और शर्तें](#), conditions stipulated in Bid and [Service Level Agreement](#) specific to this Service as provided in the Marketplace. However in case if any condition specified in General Terms and Conditions/सामान्य नियम और शर्तें is contradicted by the conditions stipulated in Service Level Agreement, then it will over ride the conditions in the General Terms and Conditions.

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, 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. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।

---Thank You/धन्यवाद---

S.I.T.C. of Entire SAP Network and Internet Network at India Government Mint, Kolkata

Scope of work:

SITCS (Supply, Installation, Testing, Commissioning & Support) of LAN (Local Area Network) for Internet & SAP network in India Government Mint, Kolkata

India Government Mint, Kolkata wants to replace the existing two LAN networks (Internet & SAP) with new on SITCS (Supply, Install, Test, Commission & Support) model on turnkey basis. In detail, the bidder has to comply with the following scope:

PART A : Scope of Work (SoW)

1. Scope of Supply

Supply of all Active and Passive components as per BoQ at India Govt. Mint, Kolkata. Further, during execution of the above work, the vendor may also be required to provide temporary LAN connection as per user requirements to meet any urgency.

2. Scope of Installation, Configuration and Integration

- Physical installation and powering of all Active and Passive components as per Network diagram provided by IGMK.
- Proper marking of cable, Safety Sign board/Route marker to be installed for cable laid underground and other miscellaneous work. Any structure, permanent or temporary, dismantled or destroyed during the execution of the work shall, will be refill/remake or restore to its previous condition by the network vendor at its own cost. Any extra electrical points and data points required in any location shall have to be provided by the network vendor at his own cost.
- Configuration and Integration of all of Active and Passive components as per the approved implementation plan.
- Configuration of VLAN and Inter VLAN routing as per implementation plan.
- Port and MAC binding of all terminal

3. Scope of Acceptance testing and commissioning

- After installation and configuration of each and every subsystem, integrating various systems and providing various services, tests shall be conducted for system performance as a whole.

- Commissioning shall mean end-to-end commissioning of the network with testing of live applications. Test parameters, commitments etc shall be submitted along with implementation plan, which shall be approved by India Government Mint,Kolkata.
- In the event, the test parameters, commitments are not submitted or not accepted explicitly in writing/minutes by IGMK, the Test parameters, commitments etc as decided by India Government Mint,Kolkata will be final and binding.
- Penetration test of the network after installation of IT/Network Devices.
- Upon Self testing and Commissioning, the system shall be offered for inspection by IGMK.
- The successful Bidder, along with IGMK shall prepare an inspection and acceptance schedule with details of each activity.

4. Scope of Documentation

- Providing original manuals of all hardware items supplied.
- Implementation plan, to be approved by IGMK before initializing the installation and configuration activity.
- Test parameters, commitments etc for acceptance testing to be enclosed along with implementation plan. The bidder will have to submit pentascan report for all network ports or wherever applicable.
- Documentation on Equipment/ rack layout plan and connectivity Diagram
- Technical write up of the network design and functioning, System and Network architecture diagram, Active and Passive components configuration details, Security implementation.
- As built network configuration details (portwise) with IP address, subnet, VLAN, port description, etc for all active components.
- Security implementation including VPNs, Firewall rules, IDS/IPS, ACL details etc.
- Operator manual for shutdown/start of the active resources.
- Acceptance test reports, performance test reports of networking components.
- Any other Relevant Documentation

5. Scope of Training

- Training on the IGMK building Network design and functioning, Network architecture, Configuration of active components and Security implementation
- The participants for the training shall be four (4) India Government Mint, Kolkata engineers for minimum 2 days at India Government Mint, Kolkata.
- Course material for the above (one copy each per participant) to be provided.

6. Warranty & Support

Bidder has to provide minimum five years warranty of entire project.

Under warranty, vendor has to provide complete support and service with maximum 15 minutes replacement period for the faulty devices.

Vendor has to maintain a spare active and passive devices during the entire warranty period.

Vendor has to deploy a manpower to maintain and monitor the entire network for 3 years from the date of UAT.

Deployed engineer has to report unit IT in-charge and accord from daily duties has to do any type of job assigned by unit IT in-charge.

Penalty Clause:

(i) Any downtime more than 15 minutes will be considered as penalties downtime.

(ii) Absent of engineer will be comes under penalty clause.

(iii) A joint downtime report and support engineer absent report will be maintained in the IT Section to recover the amount after the warranty period from the SD.

(iv) Support engineer absent without any replacement will be considered as penalty for every 1 man-days. Rs. 1000/- will be charged as penalties.

Other Terms & Conditions

1. The bidder shall provide all required equipment on turnkey basis which may not be specifically stated herein but are required to meet the intent of ensuring operational, completeness, robustness, maintainability and reliability of the total system covered under this specification.

2. All safety and security norms to be followed during the execution of work.

- 3.** Scope of work includes supply of material, installation, commissioning, Trial, Testing, engaging of labours, support, comprehensive warranty and any other material and civil work required to complete the work in all respect on turnkey basis.
- 4.** Vendor has to configure all active network components as per direction of India Government Mint,Kolkata representative. Training regarding configuration of switch configuration to be provided to India Government Mint,Kolkata personals.
- 5.** The both LAN network is to be installed among different section/building which is apart from each other. Hence to understand the complete scope of work, bidders are strongly advised to visit the site before quoting.
- 6.** All UTP & power cable should be laid through Casing Capping /PVC pipe. All cabling must be in structured manner. Labeling of cables, I/O, Jack panel, switches.
- 7.** Fiber Cable shall be laid over the new cable trays. Wherever tray is not available, proper PVC Pipe/HDPE pipe to be used to lay the OFC cable. In case OFC is required to be laid through underground then it should be laid inside HDPE pipe. The underground cables should be laid in depth of at least 1 meter from the ground surface. The cable should be laid on the bed of sand. Afterwards the laid cable should be covered with conditioned bricks followed by layer of sand. Finally the dugged trench should be filled back with soil.
- 8.** Repair/refurnishing work owing to damage caused due to cabling or any other work related to this project. There should not be any hanging or uncovered wire.
- 9.** Electric cabling work from nearest electrical point to the network racks is under scope of supplier.
- 10.** Installation and commissioning of all the network components like rack with all the accessories and enclosures, switch, LIU, data points, OFC and UTP cabling and termination/splicing etc. should be carried out by the vendor.
- 11.** Bidder shall ensure that the entire proposed/offered model of Network Switches should be of latest model and not have End of support in succeeding 5 years.
- 12.** Network Documentation & Certification (Hard Copy in the form of spiral and soft copy in CD) for the UTP Cable Layout and the OFC layout throughout the entire campus and the certified documents should be handed over to IGMK after completion of the entire job.
- 13.** The Origin of the Product or OEM (for both Active & Passive Items) should not be from any Country which shares Land Border with India .
- 14.** Vendor has to do the dismantling the old setup, ones the new setup is installed and UAT completed.

Site Survey:-

Before execution of the work, the bidder shall carry out the required survey of the routes as per Table-1, Table-2 and Map Layout-1, Map for LAN at no additional cost. The bidder shall prepare the survey report of these routes map furnishing all distances, details regarding position of joint boxes, etc. The survey report shall have to be submitted by Bidder to IGMK for approval and requisite clearances need to be obtained before the cable installation work is commenced by the Bidder. The installation/ shall be carried out as per the approved drawings. Route maps shall be drawn to the scale.

"BOM" –Bill Of Material

- 1.** L3-24 10G SFP+ (100M/1G/2.5G/5G/10G) and 4 Multi-Gigabit RJ-45 ports (100M/1G/2.5G/5G/10G) with SM 10G SFP – 2 Nos.
- 2.** Supply of 8 Port Manage 10G Switch - 38 Nos.
- 3.** Supply of Single Mode 10G SFP - 36 Nos.
- 4.** Supply of Single Mode 1G SFP - 60 Nos.
- 5.** Supply of Fully loaded 42 U Rack - 1 Each
- 6.** Supply of Wall mounted network 6 U Rack - 16 Each
- 7.** Supply of wall mounted network 9 U rack - 16 Each
- 8.** FRLS unarmored Power Cable 3 core 1.5 sq mm - 1500 RM
- 9.** 12 core fiber cable single Mode - 3000 RM
- 10.** UTP cable CAT6e - 2000 RM
- 11.** UTP Patch Cord CAT6a 3 mtr - 200 Nos
- 12.** UTP Patch Cord CAT6a 1 mtr - 200 Nos
- 13.** IO Box Full Set + Local Back Box - 200 Nos.
- 14.** Fiber Optic LIU 12 Port - 44 Nos.
- 15.** Fiber Optic LIU 24 Port - 12 Nos.
- 16.** 24 PORT Fully Loaded Patch Panel - 9 Nos.

17. Rack Mounted 8 Port Fully Loaded Patch Panel - 40 Nos.

18. SC-LC Patch Card 1 Meter & 3 Meter – 1 meter (94 Nos.), 3 meter (48 Nos.),

19. PVC Pipe Minimum 2 mm thick -3000 Meter

OEM Eligibility Criteria for Passive Components:

1. All components shall be ROHS compliant or equivalent standard.
2. OEM shall be ISO 9001, ISO 45001 and 14001 certified. Copy of Valid Certificate submitted
3. The OEM should be member of Telecommunication Industry Association or equivalent.
4. Passive OEM should be in India for more than 10 years
5. Tender specific authorization letter (MAF) on letterhead should be submitted along with bid.

OEM Eligibility Criteria for Active Components:

Active Components (Switches/SFP) Should be Same Make For better compatibility

1. All Supplied equipment must be in compliance with CE, EN, RoHS and FCC certifications or equivalent.
2. All equipment and materials used shall be standard components that are regularly manufactured and used in the manufacturer's system and systems and components shall have been thoroughly tested.
3. In case the OEM is not participating directly, bidder should be an authorized reseller or channel partner of the OEM. An authorization letter (MAF) from the OEM needs to be submitted in original on letter head.
4. OEM should have own online-dedicated toll-free number for remote support.
5. OEM should have proven track record in India. OEM of switches should have presence in India for last 15 years.
6. OEM of switches should have track record in supplying switches in Smart city and Government projects
7. OEM of switches should have own service center or third-party association across the India for warranty and RMA

8. OEM's headquarter should not be resides in any country that shares a land Border with India.
9. The OEM of Brand should be having valid ISO 9001, ISO 14001 and ISO 45001 certificates, all these certificates must be submitted during technical bid.

Material Detailed ITEM-WISE Specifications:

1. L3 - 24 10G SFP + (100M/1G/2.5G/5G/10G) and 4 Multi-Gigabit RJ-45 ports (100M/1G/2.5G/5G/10G) with SM 10G SFP

Specification:

Architecture & Performance:

1. The Switch should Support flexible Multi-Gigabit for 100M/1G/2.5G/5G/10G connections
2. Switch should provide high-bandwidth with true physical stacking of up to 4 units
3. High resiliency with redundant power supply (Dual DC)
4. Total port density of switch should be 28 or high
5. Switch should be equipped with 4 nos. ports which are compatible with 100M/1G/2.5G/5G/10Gbps
6. Must have 16 nos. of SFP+ (10Giga Fiber) ports
7. Also should support 8 nos. 10GigaEthernet Ports
8. Console port DB9
9. Switch should have minimum 3 FAN
10. The Switch should have Non-blocking wire speed switch fabric, should have Minimum 560 Gbps switching capacity and 416 Mbps forwarding rate.
11. The Switch should support Min. 32K Mac address or more, should support Min. 4K VLANs
12. Should have 4M (on chip) Packet buffer (Egress/Ingress), Dual Flash (64 MB) , and 8GB RAM
13. Should support 12K Bytes Jumbo frame
14. Should support EEE (802.3az) standard for minimise the power consumption

15. Should support Dual Software (firmware) image
16. Switch should support external redundant power supply and removable FAN
17. Acoustic noise should be 58 dBA or better

Should support the following Standard:

1. IEEE 802.3 10BASE-T Ethernet, IEEE 802.3u 100BASE-TX Ethernet, IEEE 802.ab 1000BASE-T Ethernet, IEEE 802.3z 1000BASE-X Ethernet, IEEE 802.3x flow control
2. IEEE 802.1p class of service, priority protocols, IEEE 802.1X port authentication, IEEE 802.3ad LACP aggregation

Traffic Management and QoS:

1. Rate limiting: Rule-based/port-based bandwidth control, 64 kbps granularity
2. Port-based egress traffic shaping and Broadcast storm control
3. IEEE 802.1p with 8 priority queues per port for different traffic types
4. Weighted Round Robin (WRR)/SPQ/WFQ scheduling algorithm
5. Supports DSCP, Supports DSCP to 802.1p priority mapping
6. Supports IGMP/IGMP snooping v1, v2, v3 and support congestion control on all ports
7. Port-based VLAN, protocol based VLAN, Private VLAN.
8. 802.1ad and VLAN stacking (Q-in-Q)

Link Aggregation:

1. IEEE 802.3ad LACP link aggregation compliant, support static manually port trunking up to 8 aggregation groups, 8 ports/per group randomly selected

Resilient Network:

1. IEEE 802.1D spanning tree protocol, IEEE 802.1w Rapid Spanning Tree Protocol (RSTP), IEEE 802.1s Multiple Spanning Tree Protocol (MSTP)
2. Dual configuration files and Dual flash images

3. Switch supports Equal Cost Multipath Routing (ECMP) and Virtual Router Redundancy Protocol (VRRP) for increased network availability and reliability.
4. BPDU Guard, Loop Guard, and Root Guard Support
5. Switch should support redundant power supply
6. Multicast Group support 1K or better

User Security and Authentication:

1. Should support MAC filtering per port secures access to each port
2. Should support IEEE 802.1Q tag-based and port-based VLAN
3. Should support Guest VLAN(port based/MAC based)
4. Should support atleast 9 MAC per port (Exclusive with protocol-based & IP subnet-based VLAN, for 8/24 port devices)
5. Support GVRP, automatic VLAN member registration
6. Should have atleast 1K static VLAN, up to 4K dynamic VLAN and Full range 4K PVID support and support Port-base VLAN & VLAN isolation
7. Should support Intrusion lock for security and static and dynamic MAC binding
8. Should support specific MAC forwarding per port: only specified MAC addresses can access the network (Port security)
9. Should support limited MAC number per port and should be capable to set mac ageing time
10. Should support IP source guard and Loop guard
11. Should support RADIUS MAC login, IP filtering
12. Should support TCP/UDP socket filtering, BPDU transparency
13. Should support 802.1X port-based authentication, compensated assignment over VLAN and bandwidth for valid access

Network Administration Security:

1. User name/password required for Web/Telnet/local console administrators

2. Two-level security by specific SNMP read/write community
3. Multiple login session, Multiple access permission management
4. Should support SSH v1/v2 , SSL

IPv6 Support:

1. IPv6 over Ethernet ,IPv6 Addressing architecture, IPv6 Path MTU ,ICMPv6 ,DualStack ,Neighbor discovery ,DHCPv6 client and Relay, Dual stock. Patch MTU
2. Minimum path MTU size of 1280 or better

Layer-3 Features:

1. Should support VRRP for redundancy
2. Should support ECMP for multipath
3. Policy Based Routing
4. Static Routing (minimum 1K for IPv4 & IPv6))
5. L3 forwarding table (4K IPv4 entries; 2K IPv6 entries)

Network Management:

1. Switch should be supplied with management software to manage and maintain multiple switches from central location
2. Should support MED
3. Should support clustering at-least for 20 switches for managing by one IP address
4. Web-based management ,Telnet CLI ,SNMP v1, v2c, v3, should have RS-232c local console
5. IP management: Static IP or DHCP client
6. RMON four RMON groups 1, 2, 3, 9 (history, statistics, alarms and events) for enhanced traffic management, monitoring and analysis
7. Switch should support 64 static route
8. Port mirroring: supports source/destination/both port mirroring
9. L3 forwarding should support (2K IPv6 Entries or more)

10. Minimum 128 IP interface for IPv4 and 64 for IPv6

Intelligent ACL (L2/L3/L4 Access List Control):

1. Based on MAC address, Based on VLAN, Based on IP address, Based on protocol type, Based on TCP/UDP type, Based on DSCP

Routing:

1. Static route, Policy-based route, Multiple default route

MIB Information:

1. RFC 1066 TCP/IP-based MIB, RFC 1213, 1157 SNMP v2c/v3 MIB, RFC 2011, 2012, 2013 SNMP v2 MIB, RFC 1493 bridge MIB, RFC 2674 bridge MIB extension, RFC 1643 Ethernet MIB, RFC 2358 Ethernet-like MIB, RFC 1757 RMON group 1, 2, 3, 9 and RFC 1757 RMON group 1, 2, 3, 9 and RFC 2819, 2925 Remote Management MIB.

Certification:

1. LVD, SNMI, FCC Part 15 (Class A), CE EMC (Class A), BSMI ENC, and RoHS (Level A).
2. The OEM Brand should be having valid ISO 9000, ISO 14000 and ISO 50001 certificates, all these certificates must be submitted in technical bid.

Environmental specifications:

1. Operating temp. 0 DegC to 50 Deg C, Storage Temp. -40 DegC to 70deg C
2. Operating Humidity 10% to 95 % (Non condensing).

Power:

1. Internal Dual AC power supply

MTBF: 65,62.00 hr or better

Auto detect and identify the connected devices, and list device information such as model, firmware version, MAC address, IP address, system name in the web based management page. Supports the web redirection to the connected device, and reset to factory default

Provides a centralized management utility to discover and configure the network devices, let user easily to maintain the network. User doesn't need to install various application or purchase expensive NMS to do the cross device management

Approved Make : Cisco/Juniper/Extreme/Zyxel/Aruba/Netgear or equivalent

2. Supply of 8 Port Manage 10G Switch

Specification:

Hardware:

1. Should have minimum 8x RJ-45 1G/2.5G/5G/10G Multigiga ports, and 2x 10G SFP+ uplink
2. Each copper port of the new Multi-Gigabit switch is able to automatically detect which speed is needed with the connected device through multi color LEDs.
3. The switch should support multi management including Web GUI, Command and Cloud and cloud basic license should be included atleast for 5 years
4. Switch should support windows based Utility for the Discovery of switches, and Centralized and batch configurations.
5. Internal Power Supply
6. Smart fan design delivers near silent Multi-Gigabit operation
7. Switch should support Performance, Switching capacity 200 Gbps, 148 Mbps forwarding
8. The Switch should support 8x hardware queue
9. Should support 9K Jumbo Frame (Bytes)
10. The Switch should support 16K MAC address table or better.
11. The Switch should support Minimum 500 L3 forwarding table or better.
12. The Switch should support Static IPv4 and IPv6 Routing entries; 30 Interface or better
13. The Switch should support 1000 VLAN number (static/dynamic)
14. The Switch should support IPv4 and IPv6 Interface; 30
15. Switch should support Cable Diagnostic feature
16. Static MAC forwarding
17. MAC PINN, MAC Freeze, MAC Filter

18. Default MAC aging time: 300 Sec
19. Protocol Based, IP Subnet based, MAC-based, Private VLANs
20. Switch should support Voice VLAN and Guest VLAN support
21. IEEE 802.1x Authentication
22. Switch should support Dynamic VLAN, GARP with GVRP/GMRP
23. Switch should support IEEE 802.3ad - 8x LAGs groups and 8x interfaces or better
24. IEEE 802.1D, IEEE 802.1w
25. Loop Guard, BPDU Guard, Root Guard
26. Switch should support 1K maximum group, IGMPv2 and V3 Snooping, IGMP Proxy
27. Broadcast, Multicast Storm control
28. SHA2 for HTTPS Certification
29. RADIUS - port-based, MAC based, Multiple RADIUS server Support
30. Switch should support Policy: Permit, Drop, egress port, mirror, next hop, BWM, 1- remark, DSCP remark, IEEE 802.1p
31. Queue Method: WRR, WFQ, SPQ, WFQ+SPQ
32. Configurable Management VLAN
33. Switch should support Dual Software (firmware) image
34. Switch should support Dual Configuration file
35. NTP Client for time synchronization. Daylight Saving
36. Switch should support Port Mirroring : Session, Tx/Rx/Both, M-to-1
37. Syslog (RFC 3164)
38. Local Account
39. Operating temperature support: -20°C to 50°C

40. Switch should support MTBF should support more than 778000 hours or better

Certification:

1.CE ,FCC, CE , RoHS Compliant

2.The OEM Brand should be having valid ISO 45001, ISO 14001 certificates, all these certificates must be submitted in technical bid.

3.Compliance should be attached with tender on OEM Letterhead

4.Latest Datasheet should be attached with the Tender.

5.All switches and modules must be from the same OEM for better compatibility

6.Bidder should be Authorized Dealer/System Integrator of the quoted product. (Manufacturer Authorization Certificate from the principal specific to the tender should be enclosed with the bid).

7.Active Components (Switches/SFP) Should be Same Make For better compatibility)

Approved Make :

Cisco/Juniper/Extreme/Zyxel/Aruba/Netgear or equivalent

3. Supply of Single Mode 10G SFP

Specification:

1. Hot-pluggable SFP footprint Single mode 10G SFP, RoHS-6 compliant (lead-free), Commercial temperature range (0°C to 70°C), Single 3.1 to 3.5V power supply, Maximum link length of 10km, Uncooled 1310nm DFB laser, Receiver limiting electrical interface, LC connector

2. Built-in digital diagnostic functions, Supporting DDMI (Digital Diagnostics Monitoring Interface) SFP+ Enhances Management Capability

3. Swappable Design Facilitates Network Maintenance

4. Optical Power and Temperature:- Transmit power range: +0.5 to -8.2dBm, Receive power range: +0.5 to -12dBm, Maximum current: 285mA, Relative Humidity: 0% ~ 85%

5. Certification:- Safety Certification: Class 1 Laser, • 21 CFR 1040.10 and 1040.11 compliant, CE certificate

6. Approved Make : Cisco/Juniper/Extreme/Zyxel/Aruba/Netgear or equivalent

4. Supply of Single Mode 1G SFP

Specification:

1. Main Design:-

- i) Transceivers should be freely added when required, and infrastructure upgrades or transceiver repairs can be done easily by just replacing the transceiver instead of the whole device.
- ii) The transceiver should support data transmission upto 10KM on single mode optical fiber.

2. The transceiver should be DDMI enabled and it should monitor following:

- i) Temperature
- ii) Supply voltage
- iii) Transmitted bias current
- iv) Transmitted power
- v) Received power

3. The transceiver should have following Safety Certifications:

- i) Class 1 Laser
- ii) 21 CFR 1040.10 and 1040.11 compliant
- iii) CSA (Gigabit SFP and Fast Ethernet SFP Series)
- iv) TUV

4. Environmental Specifications:

- i) Operating temperature: 0°C to 70°C (32°F to 158°F)
- ii) Storage temperature: -40°C to 85°C (-40°F to 185°F)

5. Approved Make : Cisco/Juniper/Extreme/Zyxel/Aruba/Netgear or equivalent

5. Supply of Fully loaded 42 U Rack

Specification:

1. Ingress Protection:- IP 42
2. Dimension:- 19 Inch, (600mmW*600mmD)
3. Thickness:- Side:2 mm Thick CRCA Sheet (Removable) Front Door:1.5 mm Thick CRCA Sheet Rear Door:1.5 mm Thick CRCA Sheet Top:2 mm Thick CRCA Sheet
4. Front Door:- Glass
5. Anti Vibration Pad:- 10 mm Thick
6. Painting:- Epoxy based powder coating, Min Thick 65-75 micron
7. Lifting Hook:- 4 number
8. Earthing Bus Bar:- Copper
9. Earthing Bolt:- 1 No. Each Side or atleast 1 No.
10. Utility Socket:- One number to be provided
11. Fan:- 4 Fan With Fan Housing Unit
12. Cable management accessories:- To be provided for proper dressing of cables , 1 U Cable Manager
13. Installation:- Mounting angles and mounting frames for interior installation for 19"
14. Accessories:- Castor Wheels (1Set-4 nos.), Cantilever Tray, Hardware Packet (10nos)
15. Approved Make : VAL / RITTAL / STIL or equivalent

6. Supply of Wall mounted network 6 U Rack

Specification

1. Ingress Protection:- IP 42
2. Dimension:- 19 Inch, (600mmW*600mmD)
3. Thickness:- Side:2 mm Thick CRCA Sheet (Removable) Front Door:1.5 mm Thick CRCA Sheet Rear Door:1.5 mm Thick CRCA Sheet Top:2 mm Thick CRCA Sheet

4. Front Door:- Glass
5. Anti Vibration Pad:- 10 mm Thick
6. Painting:- Epoxy based powder coating, Min Thick 65-75 micron
7. Lifting Hook:- 2 number
8. Earthing Bus Bar:- Copper
9. Earthing Bolt:- 1 No. Each Side or atleast 1 No.
10. Utility Socket:- One number to be provided
11. Fan:- 4 Fan With Fan Housing Unit
12. Cable management accessories:- To be provided for proper dressing of cables , 1 U Cable Manager
13. Installation:- Mounting angles and mounting frames for interior installation for 19"
14. Accessories:- Castor Wheels (1Set-4 nos.), Cantilever Tray, Hardware Packet (10nos)
15. Approved Make : VAL / RITTAL / STIL or equivalent

7. Supply of wall mounted network 9 U rack

Specification:

1. Ingress Protection:- IP 42
2. Dimension:- 19 Inch, (600mmW*600mmD)
3. Thickness:- Side:2 mm Thick CRCA Sheet (Removable) Front Door:1.5 mm Thick CRCA Sheet Rear Door:1.5 mm Thick CRCA Sheet Top:2 mm Thick CRCA Sheet
4. Front Door:- Glass
5. Anti Vibration Pad:- 10 mm Thick
6. Painting:- Epoxy based powder coating, Min Thick 65-75 micron
7. Lifting Hook:- 2 number

8. Earthing Bus Bar:- Copper
9. Earthing Bolt:- 1 No. Each Side or atleast 1 No.
10. Utility Socket:- One number to be provided
11. Fan:- 4 Fan With Fan Housing Unit
12. Cable management accessories:- To be provided for proper dressing of cables , 1 U Cable Manager
13. Installation:- Mounting angles and mounting frames for interior installation for 19"
14. Accessories:- Castor Wheels (1Set-4 nos.), Cantilever Tray, Hardware Packet (10nos)
15. Approved Make : VAL / RITTAL / STIL or equivalent

8. FRLS unarmored Power Cable 3 core 1.5 sq mm

Specification:

1. Type of Cable:- 3 core, 4 core Copper cable
2. Voltage Class:- 1100 VAC grade
3. Size of Cable:- 1.5 sqmm
4. Applicable standard:- IS 1554 Part-1/1988

CONDUCTOR

1. Material:- Multi-stranded Electrolytic annealed bare copper as per conductor class 2 of IS 8130
2. No of Strand:- 7
3. Size (sq mm):- 1.5 Sq mm

INSULATION

1. Material:- PVC type C as per IS 5831/1984
2. Type:- Extruded
3. Thickness:- As per Table 2 of IS 1554 (Part-1)

4. Color Scheme:- As per IS 1554 (Part-1)

OUTER SHEATH

1. Material:- FRLS PVC compound type ST2 as per IS 5831/1984

2. Type:- Extruded

3. Thickness:- As per Table 7 of IS 1554 (Part-1)

4. Marking on outer sheath:- By embossing/printing Make, Year of Manufacture, Voltage grade and Size of cable

5. Sequential length marking:- At every interval of 1 meter

6. Colour:- Black

7. Rodent and Termite attack protection:- Yes

8. Oxygen Index:- Min 29 at 27 Deg C to ASTM D 2863

9. Temperature Index:- Min 250 Deg C to ASTM D 2863

10. HCL Emission:- Max 20% by weight to IEC 754-1

11. Smoke Density:- Max Smoke Density Rating shall be 60%, tested as per ASTM D 2843.

12. Approved Make :- DELTON / RETCO / FINOLEX or equivalent

9. 12 core fiber cable single Mode

Specification:

1. Cable Type:- 12 fiber Single Mode, Armoured, Unitube, Gel filled cable complying to ISO.IEC 11801 - 2nd Edition, type OS2; AS/ACIF S008; AS/NZS 3080,ITU-T REC G 652D, IEC 60793/60794, TIA 568, EIA 455; suitable for use in direct burial, outdoor ducts and backbone cabling.

2. Armour:- Corrugated Steel Tape Armour -Thickness > 0.125mm

3. Water Blocking:- Thixotropic Gel (Tube), Petroleum Jelly (Interstices)

4. Attenuation:- ,@ 1310nm <=0.35 db/Km MAX, ,@1550nm <=0.22 db/Km MAX

5. Numerical Aperture:- 0.14

6. Attenuation Discontinuity:- Both Windows <0.10dB
7. Core/Mode-Field (um):- 9
8. Clad Diameter (um):- 125 + - 1
9. Coat Diameter:- 245 + - 10
10. Loose tube material:- Single PBTP Loose tube filled with water blocking Thixotropic gel
11. Jacket material:- UV Stabilized Polyethylene (HDPE)
12. Peripheral Strength Member:- Two Steel wires
13. Tensile Strength:- 1000N
14. Crush Resistance:- 2000N/10 cm
15. Cable Diameter:- 7.8 + - 0.5 mm
16. Max. Bending Radius (during installation):- 20 X Overall diameter
17. Max. Bending Radius (during full load):- 10 X Overall diameter
18. Cable weight Kg/Km:- 80 kg/km
19. Operating Temperature:- -10 Degree C to +70 Degree C
20. Approved Make : Molex/RiT/Comscope or equivalent

10. UTP cable CAT6a

Specification:

1. Type:- Cat 6A Jack offers superior alien crosstalk suppression, excellent insertion loss, and provides enhanced electromagnetic interference (EMI) protection by utilizing robust die cast zinc alloy jack body housing.
2. Mechanical Characteristics:-
 - i)RJ45 Connector
 - ii)Housing: Zinc Alloy plated Bright Ni/Cu
 - iii)Operating Life: Minimum 750 insertion cycles

- iv)Contact Material: Copper Alloy
- v)Contact Plating: 1.25 micrometres Au/Ni
- vi)Contact Force: 100g minimum
- vii)Plug Retention Force: 6.8kg minimum
- viii)Housing: Thermoplastic, UL94V-0
- ix)Operating Life: Minimum 20 reterminations
- x)Contact Material: Copper Alloy
- xi)IDC Contact Plating: Matte Tin
- xii)Contact Force: 100g minimum
- xiii)Wire Accommodation: 22-24 AWG solid

3. Electrical/Optical Characteristics:-

- i)Interface Resistance: 20m Ω
- ii)Initial Contact Resistance: 2.5m Ω
- iii)Insulation Resistance: >100M Ω

4. Modular Jack Housing:- Zinc Alloy

5. IDC Connecting blocks:- Polycarbonate, 94V-0 rated

6. Commercial Standards:- TIA-568-C.2 Augmented Category 6, ISO 11801 Amd 1 Class EA, IEC 60603-7, FCC Subpart F 68.5, Approvals: ETL independent testing, UL-1863

7. ROHS/ELV:- Compliant

8. ETL Certification:- Compliant

9. Approved Make : Molex/RiT/Comscope or equivalent

11. UTP Patch Cord CAT6a 3 mtr

Specification:

1. Type:- Cat 6A Patch Cords, specifically designed to support high speed data networks for 10-Gigabit Ethernet (10GBASE-T) applications.
2. Conductor:- 26 AWG stranded bare copper
3. Length:- 3 meter
4. Screen material:- Aluminium/polyester shield with tinned copper drain wire
5. Warranty:- 25-year component warranty
6. Construction:- Pairs in Metal Foil , 4 pair stranded S/FTP cable & Outer Sheath should be LSZH
7. Plug Housing:- Clear polycarbonate
8. Commercial Standards:- TIA/EIA-568-C.2 , ISO/IEC 11801 A1.1, FCC Subpart F 68.5, IEC-603-7, UL Listed, UL-1863, CSA C2.2
09. Electrical Characteristics:-
 - i)Max Voltage: 150 VAC (max)
 - ii)Max Current: 1.5A @ 25°C
 - iii)Operating temperature: -40° to 85°C
10. Mechanical Characteristics:-
 - i)Operating Life: Minimum 750 insertion cycles
 - ii)Contact Material: Copper Alloy
 - iii)Contact Plating: 1.25 micrometers Au/Ni
- 11.ROHS/ELV:- Compliant
- 12.ETL Certification: Compliant
13. Approved Make : Molex/RiT/Comscope or equivalent

12. UTP Patch Cord CAT6a 1 mtr

Specification:

1. Type:- Cat 6A Patch Cords, specifically designed to support high speed data networks for 10-Gigabit Ethernet (10GBASE-T) applications.

2. Conductor:- 26 AWG stranded bare copper

3. Length:- 1 meter

4. Screen material:- Aluminium/polyester shield with tinned copper drain wire

5. Warranty:- 25-year component warranty

6. Construction:- Pairs in Metal Foil , 4 pair stranded S/FTP cable & Outer Sheath should be LSZH

7. Plug Housing:- Clear polycarbonate

8. Commercial Standards:- TIA/EIA-568-C.2 , ISO/IEC 11801 A1.1, FCC Subpart F 68.5, IEC-603-7, UL Listed, UL-1863, CSA C2.2

9. Electrical Characteristics:-

i)Max Voltage: 150 VAC (max)

ii)Max Current: 1.5A @ 25°C

iii)Operating temperature: -40° to 85°C

10. Mechanical Characteristics:-

i)Operating Life: Minimum 750 insertion cycles

ii)Contact Material: Copper Alloy

iii)Contact Plating: 1.25 micrometers Au/Ni

11.ROHS/ELV:- Compliant

12.ETL Certification: Compliant

13. Approved Make : Molex/RiT/Comscope or equivalent

13. IO Box Full Set + Local Back Box

Specification:

1. Single Gang square plate, 86mmx86mm, Port - Single / Dual / Quad as per req.

2. Write on labels in transparent plastic window – supplied with plate
3. Screw hole covers – to be supplied with plate
4. Plug in Icons – Icon tree – to be supplied with plate
5. Should be able to support variety of jacks – UTP, STP, Fiber, Coax etc.
6. Approved Make : Molex/RiT/Comscope or equivalent

14. Fiber Optic LIU 12 Port

Specification:

1. Fiber optic patch Panel:-

- i) The 1U Multi-Function Fibre Enclosure is a configurable rack mount unit for storing and terminating incoming fibre cable.
- ii) The fibre enclosure has been designed to accommodate various termination types and adapter configurations. Accommodates up to 4 Modlink Cassettes or up to 4 nos of 6 or 12-Pak adapter plates.
- iii) The enclosure must, have a sliding drawer for ease of reconfiguring fibers, incorporates a heavy-duty ball bearing slide mechanism, allowing easy access to fibers
- iv) The adapter plates must be an interchangeable front plate which can facilitates upgrades as & when required required.
- v) Copper grounding stud tie down points at each cable entrance point.
- vi) The enclosure must have front cable management to properly route patch cords.
- vii) Fibre management enclosures that can be used as rack mount enclosure for integrated applications.

2. Material:-

- i) Powder coated Mild Steel
- ii) Rugged steel construction in graphite finish
- iii) Rear, side & base access for Incoming / Outgoing fiber cables

3. Cable Management rings:- Management rings within the system to accommodate excess fibre cordage behind the through adapters and maintain fibre bend radius.
4. Sliding cover:- Panel cover is of slide out for easy maintenance. Incorporates heavy-duty ball bearing slides for smooth and limited extension of the drawer unit, allowing for patch cable access while protecting installed patch and trunk cables from damage during re-entry of the enclosure
5. Optical Fibre Adapter Plates:- SC Adpater SM Plate - loaded with 12 Nos SC Adapter
6. Pigtaills:- SC, Singlemode, 9/125 μm - 1.5 mtrs (12 Nos)
7. Splice Tray:- 12 Port Splice Tary - 1 No
8. Approved Make : Molex/RiT/Comscope or equivalent

15. Fiber Optic LIU 24 Port

Specification:

1. Fiber optic patch Panel:-

- i)The 1U Multi-Function Fibre Enclosure is a configurable rack mount unit for storing and terminating incoming fibre cable.
- ii) The fibre enclosure has been designed to accommodate various termination types and adapter configurations. Accommodates up to 4 Modlink Cassettes or up to 4 nos of 6 or 12-Pak adapter plates.
- iii) The enclosure must, have a sliding drawer for ease of reconfiguring fibers, incorporates a heavy-duty ball bearing slide mechanism, allowing easy access to fibers
- iv) The adapter plates must be an interchangeable front plate which can facilitates upgrades as & when required.
- v) Copper grounding stud tie down points at each cable entrance point.
- vi) The enclosure must have front cable management to properly route patch cords.
- vii) Fibre management enclosures that can be used as rack mount enclosure for integrated applications.

2. Material:-

- i)Powder coated Mild Steel

ii) Rugged steel construction in graphite finish

iii) Rear, side & base access for Incoming / Outgoing fiber cables

3. Cable Management rings:- Management rings within the system to accommodate excess fibre cordage behind the through adapters and maintain fibre bend radius.

4. Sliding cover:- Panel cover is of slide out for easy maintenance. Incorporates heavy-duty ball bearing slides for smooth and limited extension of the drawer unit, allowing for patch cable access while protecting installed patch and trunk cables from damage during re-entry of the enclosure

5. Optical Fibre Adapter Plates:- SC Adpter SM Plate - loaded with 24 Nos SC Adapter

6. Pigtails:- SC, Singlemode, 9/125 μm - 1.5 mtrs (24 Nos)

7. Splice Tray:- 12 Port Splice Tary - 2 Nos

8. Approved Make : Molex/RiT/Comscope or equivalent

16. 24 PORT Fully Loaded Patch Panel

Specification:

1. Type:- 19" 24-port, loaded with Jack , A key product used in both Category 6 link and channel gigabit ethernet applications. The IDC section consists of V-shaped contacts that flex not fatigue when terminated. Each port should have shutter and can be colour coded to match jack outlets. Offering both front and rear labelling options, the patch panel is constructed of cold-rolled steel for additional strength and durability.

2. Ports:- 24

3. Plastic Housing Jack Connector:- Polycarbonate, UL94V-0 rated or equivalent

4. Contact Plating:- 50 μm Gold/100 μm Nickel

5. Front Connector interface:- RJ45

6. Circuit Identification Scheme:- Icons on each of 24-ports

7. Port Identification:- 9mm or 12mm Labels on each of 24-ports (to be included in supply)

8. Height 1 U:- 1.75 inches

9. ROHS/ELV:- Compliant

10. Approved Make : Molex/RiT/Comscope or equivalent

17. Rack Mounted 8 Port Fully Loaded Patch Panel

Specification:

1. Type: Patch panels must be of "unloaded type", with individual housings to accommodate 24 nos. of UTP / STP Jack in 19" x 1U rack-dimension. Rack mounting kits must be supplied. When fully installed at site, all of the keystone housings must remain loaded with fully functional Jacks.

2. Ports:- Each jack must be individually replaceable on field from the housing

3. Feature:

i)The Jack positions and their rear-side must be permanently numbered for easy identification of terminals.

ii) There must be provision for placement of conspicuous Labels against each jack position.

iii)Must have integrated rear cable management shelf/ tray with bundle holders

iv)Must be made of anti-rust sturdy metal frame with high-impact Polycarbonate/ABS inserts and housing (UL94-V-0 Rated) for keystone jacks

v) RoHS Compliant

4. Approved Make : Molex/RiT/Comscope or equivalent

18. SC-LC Patch Card 1 Meter & 3 Meter

Specification:

1. Shall be Single mode (OS2), SC to LC, Duplex Fiber patch cords.

2. Standards Compliance: G.652.D, G.657.A1 and OS2 Regulatory Compliance: RoHS 2011/65/EU
Cable Qualification Standards: ANSI/ICEA S-83-596 and Telcordia GR-409
Optical Components Standard: ANSI/TIA-568-C.3

3. Connector Interface: SC & LC

Operating Temperature: -10 degree Celsius to +60 degree Celsius Length. Shall be 3 meters

4. Connector Optical Performance, Insertion Loss, Typical: 0.30 dB, Return Loss, minimum: 65.0 dB

5. Approved Make : Molex/RiT/Comscope or equivalent

19. PVC Pipe Minimum 2 mm thick

Specification:

1. Outside Diameter:- 40 mm
2. Thickness:- 2 mm
3. Mechanical Strength:- As per IS:9537 (PART-3).
4. Density:- 1.40 to 1.46
5. Tensile Strength:- 48 N/mm²
6. Thermal Conductivity:- 0.14 Wm/°K/m²
7. Unit Length:- 3 mtr
8. FIRE RESISTANCE PROPERTY:- V-0, 5VB, 5VA
9. Approved Make :- Astral / Utkarsh / Supreme Industries / Century pipes/ Polycab

Note:

1. Approved makes for all Active Components: CISCO, Juniper, Ruckus, Extreme, Meraki, Fortinet. All active components Like Network Switches and related SFP Fiber modules, etc must be of same single OEM.
2. Approved makes for all Passive Cabling Components: Molex, LEGRAND, COMMSCOPE, Panduit, NORDEN. All passive components must be of same single OEM.

The Bidder has to submit authorization certificates from the OEM of Active Components & Passive Cabling Components authorizing the Bidder to quote for this tender with stating the specific Name Strengthening of Networking & Infrastructure- India Government Mint, Kolkata with Tender Number. Without OEM MAF, tender will not be considered. Bidder must be certified Cabling System Integrator specific from the respective OEM – whose authorization he is submitting with the tender (necessary Certified Cabling SI Certificate must be submitted with the tender). After completion of work, contractor has to submit all Copper Test Fluke Penta scanner reports to the department with 20/25 years of Performance Warranty Certificate of Copper Points from respective OEM

The Bidder should take adequate precaution and extra care while carry out the work. In case of any damage or breakage or disruption of the existing property/infrastructure of the institute, the bidder has to repair and restore it at the earliest on own cost.

As per the importance of site location, bidder has to submit proof of registered service centre placed at Kolkata for immediate support during any break down. This service center should have At least one hardware engineer, one networking engineer on their payroll As a proof, bidder has to submit Kolkata office address, and undertaking by authorized signatory that above technical staff is on their payroll.

Internet Network

RACK NO.	LOCATION	Any othre location included	SWITCH-8 PORT	Total User
Rack No. 1	ADMIN HALL	no	1	6
Rack No. 2	IT ROOM	no	1	6
Rack No. 3	HINDI CELL	CGM PA room	1	5
Rack No. 4	D.D.O CELL	Mini Conferenace hall	1	5
Rack No. 5	MARKETING DEPT.	no	1	6
Rack No. 6	AUDIT DEPT.	Big Conference hall	1	5
Rack No. 7	DRAWING OFFICE	Medical Section	1	6
Rack No. 8	GM Cabin	Legal Section & Purchase officer	1	5
Rack No. 9	PURCHASE Section	no	1	6
Rack No. 10	Legal Officer & Security	CPSO	1	4
Rack No. 11	CGM Canteen	CGM & AGM	1	4
Rack No. 12	MANAGER(HR)	DGM(F&A) & M(F&A)	1	4
Rack No. 13	MANAGER(T)-Corridor	no	1	4
Rack No. 14	DGM(T.O.) Corridor	Engineer Room	1	6
Rack No. 15	Doctor Bungalow	Sales Coin center	1	5
Rack No. 16	Engraving	no	1	6

SAP NETWORK

RACK NO.	LOCATION	Any othre location included	SWITCH-8 PORT	SWITCH-24 PORT
Rack No. 1	ADMIN HALL	no	0	2
Rack No. 2	IT ROOM	no	1	0
Rack No. 3	HINDI CELL	no	1	0
Rack No. 4	D.D.O CELL	Mini Conferenace hall,CGM PA room	0	1
Rack No. 5	MARKETING DEPT.	no	1	0
Rack No. 6	AUDIT DEPT.	Big Conference hall	1	0
Rack No. 7	DRAWING OFFICE	Medical Section	1	0
Rack No. 8	PURCHASE Section	GM Cabin,Legal Section & Purchase officer	0	1
Rack No. 9	Legal Officer & Security	CPSO	1	0
Rack No. 10	CGM Canteen	CGM & AGM	1	0
Rack No. 11	MANAGER(HR)	DGM(F&A) & M(F&A)	1	0

Rack No. 12	MANAGER(T)-Corridor	DGM(T.O.) Corridor,ENGINEER ROOM	0	1
Rack No. 13	TURNSTILE GATE	CCTV Control Room,Time Office	0	1
Rack No. 14	Security Office Main Gate	Biometric Access contril in main gate ,Passsection	0	1
Rack No. 15	Doctor Bungalow	Sales Coin center	1	0
Rack No. 16	Labour Office			
Rack No. 17	BULLION OFFICE		1	0
Rack No. 18	COINING DEPT.		1	0
Rack No. 19	ANNEALING DEPT.		1	0
Rack No. 20	C.R. CUTTING DEPT.		1	0
Rack No. 21	MEDAL & JEWELLERY DEPT.		1	0
Rack No. 22	GENERAL STORE		1	0
Rack No. 23	G.W.S DEPT.		1	0
Rack No. 24	ELECTRICAL DEPT.		1	0
Rack No. 25	BLANKING DEPT.		1	0
Rack No. 26	GOLD MELTING		1	0
Rack No. 27	Die		1	
Rack No. 28	Engraving		1	
Rack No. 29	Assay	Museum	1	

Special Terms & Conditions:

It is mandatory to do the site survey before participating in bid & documentary evidence should be uploaded in the bid.

Manufacturer's Authorization Form

To

India Government Mint, Kolkata

A unit of Security Printing & Minting

Corporation of India Limited

(Wholly owned by Govt. of India)

Ref. Your Tender document No....., dated

Dear Sirs,

We,, who are proven and reputable manufacturers of *(name and description of the goods offered in the tender)* having factories at....., hereby authorize Messrs..... *(name and address of the agent)* to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred tender enquiry documents for the above goods manufactured by us.

We further confirm that no supplier or firm or individual other than Messrs. *(name and address of the above agent)* is authorized to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred tender enquiry documents for the above goods manufactured by us.

We also hereby extend our full warranty, as applicable as per clause 16 of the General Conditions of Contract read with modification, if any, in the Special Conditions of Contract for the goods and services offered for supply by the above firm against this tender document.

Yours faithfully,

.....
.....

[Signature with date, name, and designation]

for and on behalf of Messrs.....

[Name & address of the manufacturers]

Note: This letter of authorization should be on the letter head of the manufacturing firm and should be signed by a person competent and having the power of attorney to legally bind the manufacturer.

**GeM Bid Document No. :dated.
(To be submitted on the letter head of the bidder)**

DECLARATION

We do hereby declare that,

1. We have not been blacklisted/ debarred by BNPMIPL/BRBNMPL/SPMCIL or any Govt. Departments for participation in tenders. The information provided above is correct and true to the best of my knowledge and belief.
2. We do hereby declare that we have read and understood all terms and conditions of tender document including Technical Specification, Quality Control Criteria and Buyer added ATC and confirm to abide to those conditions without any counter conditions.
3. "We are accepting all the terms and conditions of the tender document without any deviations"
4. We do accept all the terms and conditions of GIT & GCC link given in buyer added bid specific ATC without any deviation.

Signature

Name

Designation

Date

Stamp of the Organization

CHECK LIST

Before Submission of Tender following points to be confirmed/complied by the participating bidder to avoid rejection of bid. Hence check every point & tick (v) before final submission.

A.Part I : (Techno Commercial Bid cover)

Sl. No.	Tender Submission Check Points (To be complied by bidder before submission of Bid)	Check before submission Tick (v)
1	Tender Document Duly Seal & Signed on every page including technical specification	
2	Term of Delivery : FOR, India Govt. Mint, Kolkata duly unloaded	
3	Tender Validity 120 days as per the tender	
4	Technical Specification – as per tender	
5	Submitted the documents as per Qualification / Eligibility criteria (i)Proof of Experience (ii) Proof of Capability (iii) Financial data	
6	Delivery Period : Acceptance of delivery period as per buyer added ATC	
7	Documentary evidence towards PAN & GST Registration Certificate	
8	Sealed & Signed Declaration (Annexure –II attached in technical specification)	
9	Proof of EMD(scanned copy) as applicable or any exemption certificate	
10	The firms participating as MSE/NSIC/DIC/Start-up India Campaign, needs to enclosed certificates containing validity	
11	Category of MSME Firms	
	SC	
	ST	
	GEN	
12	Owner of Company	
	Male	
	Female	
13	Documentary/undertaking against Make in India Status i.e. being a Class I/ Class II supplier with details of percentage	
14	All supporting documents submitted along with bid to be sealed and signed by Authorized signatory of the firm	
15	Submit filled, signed & sealed copy of Manufacturer's Authorization Form as per Annexure I attached in technical specification	

B. Part II : (Price Bid Cover)

Sl. No.	Description	Submitted/ Not Submitted
1	Price Bid (Price including all taxes & other charges), GST percentage to be mentioned mandatorily in the price bid, upload copy of the Price Details in Price Bid mentioning all the breakup of price as per format attached at the end of this bid document	

- **Price to be mentioned only in price bid not in Techno commercial bid or any other place. If it is mentioned any other part other than price bid, the offer will be rejected.**

PRICE SCHEDULE

1. S.I.T.C. of entire SAP network and Internet network (As details mentioned in Scope of Work)

Quantity: 1 Activity Unit

Basic Price/ 1 Activity Unit :

Other Charges (If any) :

GST/ 1 Activity Unit :

Total Price for 1 Activity Unit on CIF basis at India Government Mint, Kolkata:

Total Price for 1 Activity Unit on CIF basis at India Government Mint, Kolkata in words:

Abbreviation "CIF" Cost, Insurance and Freight Included , "IGM" India Govt. Mint,

NOTE :

1. L1 firm will be declared from valid offers only those who submitted offer as per specification & as per all terms & condition of the tender. If there is any deviation in specification & if the offer is not found as per terms & condition of the tender, their offer will be treated as invalid/unresponsive offer.
2. Price to be mentioned only in price bid not in Techno commercial bid or any other place. If it is mentioned any other part other than price bid, the offer will be rejected.