

## **TENDER NOTICE**

Bids are invited from authorized distributors/suppliers registered with Income Tax and Sales Tax Departments for **Procurement & installation of IT equipment/ computer hardware, Licensed Software, Network Upgradation, Furniture and Misc. items of Plant & Machinery** under provisions of development project “Strengthening of Ministry of Planning, Development & Reform in IT” during financial year 2020-21.

2. Bidding document, which are containing details of items to be purchased, terms and conditions, method of procurement, procedure for submission of bids, bid security, bid validity, opening of bid, evaluation criteria, clarification/ rejection of bids, are available for interested bidders at the following address. The bidding document can be downloaded from web address [www.pc.gov.pk](http://www.pc.gov.pk)

3. Bids prepared in accordance with instructions in the bidding document must reach at following address on or before **17-11-2020 upto 03:00 p.m.** Bids will be opened on the same day **at 03:30 p.m.** in presence of bidders or their authorized representatives. The advertisement alongwith bidding document is also available on PPRA [www.ppra.org.pk](http://www.ppra.org.pk)

**(Nasir Mahmood Malik)**

Project Director

Strengthening of Ministry of Planning, Development & Reform  
in IT

Room No. 13, Jawaid Azfar Computer Centre

Block “P” Pak Secretariat, Islamabad.

Ph: 9205845



**Planning Commission  
Ministry of Planning, Development & Special Initiatives, Islamabad  
Government of Pakistan**

# **Bidding Document**

**For**

**Procurement & Installation of IT Equipment/ Computer  
Hardware, Licensed Software, Networking, Furniture and  
Misc. items of Plant & Machinery**

**For**

**“Strengthening of Ministry of Planning, Development  
and Reform in IT” Project**

**October, 2020**

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## **Invitation for Bids (IFB)**

### **For Procurement & Installation of IT Equipment/ Computer Hardware, Licensed Software, Networking, Furniture and Misc. items of Plant & Machinery for “Strengthening of Ministry of Planning, Development and Reform in IT” Project**

Ministry of Planning, Development and Special Initiatives (M/o PDSI) Islamabad invites sealed bids from reputed national and international manufacturers, their authorized partners (Distributors, Resellers or Authorized Letter from mentioned Partners) for each LOT in Islamabad, Pakistan with high repute for procuring high quality and genuine items/solution.

1. Bidding shall be conducted through **Single Stage–Two Envelope** Bidding Procedure as per PPRA Rules. Envelopes should be clearly marked as **TECHNICAL & FINANCIAL PROPOSALS along with LOT #** in bold & legible letters on respective envelopes. The bidders are bound to provide their complete information along with postal as well as valid email address and phone number(s) on each of the respective envelopes.
2. Bidding documents, detailed description and quantities of items, collected from the address mentioned in this Invitation for Bids (IFB).
3. The bids shall reach at the address mentioned at Clause 2.8 on or before 15:00 hrs on **17-11-2020**. The bids shall be opened on the same day at 15:30hrs by the Procurement Committee in the presence of Representatives of the bidders in the Ministry of Planning, Development & Special Initiatives, ‘P’ Block, Pakistan Secretariat, Islamabad. Bid submitted after due date & time shall not be entertained.
4. A pre bid meeting will be held on **11-11-2020**, at Ministry of Planning, Development & Special Initiatives, ‘P’ Block, Pakistan Secretariat, Islamabad. The exact time and venue will be communicated at appropriate time to bidders issued the Bid Document.
5. The bid must be accompanied with separate Bid Security @ 2% of the bid value for each LOT quoted in the shape of Pay Order/ Demand Draft in the name of the DDO, Strengthening of Ministry of Planning, Development and Reform in IT Project.
6. Late bids will be treated as non-responsive and will not be entertained.
7. Bids/Rates shall be quoted in Pak Rupees and on FOR basis (delivery at premises) inclusive of

all taxes where applicable.

8. Bidders are required to offer most competitive lowest rate but with high standard quality inclusive of all the taxes, as negotiations on quoted rates are not allowed under the rules. The bid must be valid up to 90 days (Mutually extendable) from date of opening of the bid.

9. The Purchaser reserves the right to reject any or all the bids as per provisions contained in Rules of PPRA Procurement Rules.

**Assistant Director Admn. & Accounts**  
**Strengthening of Ministry of Planning, Development and Reform in IT,**  
**Ministry of Planning, Development and Special Initiatives**  
JACC, Ground Floor, 'P'-Block, Pak Secretariat, Islamabad  
Tel: +92-51-9219861  
Email: ad\_jacc@pc.gov.pk

**Section 1:  
Instructions to the Bidders  
(ITB)**

**Section I: Instruction to Bidders including Data Sheet**

**Bid Data Sheet**

<b>ITB Ref</b>	<b>Description</b>	<b>Detail</b>
ITB Clause 2.1	Bid Reference Number	<b>No. 5(4)/IT/PC/2020-21 (1)</b>
ITB Clause 2.2	Name of Goods	<b>IT Equipment, Computer Hardware, Licensed Software, Networking, Furniture &amp; Misc. items of Plant &amp; Machinery</b>
ITB Clause 2.3	Commencement date of provision of Bidding Document	<b>02-11-2020</b>
ITB Clause 2.4	Closing date of issuance of Bid documents	<b>Upto 17-11-2020 (before 3:00 p.m.)</b>
ITB Clause 2.5	Submission of written clarifications by bidders	<b>On or Before 09-11-2020</b>
ITB Clause 2.6	Pre-Bid Meeting	<b>11-11-2020 at 3:00 p.m.</b>
ITB Clause 2.7	Last date and time for submission of bids	<b>17-11-2020 till 3:00 p.m.</b>
ITB Clause 2.8	Bid Submission Address	<b>Assistant Director, “Strengthening of Ministry of Planning, Development and Reform in IT Project”, Ministry of Planning, Development and Special Initiatives, Ground Floor, JACC, ‘P’-Block, Pak Secretariat, Islamabad</b>
ITB Clause 20.1	Bidding for Selective Items	<b>For LOT 1 &amp; 2, all items in a LOT must be quoted. Selective Items in these two LOTs will not be entertained. Bidders are allowed to submit proposals for one or more LOTS. However, each LOT must be submitted as a separate proposal. For LOT 3, bids for selective items are allowed.</b>
ITB Clause 3	Bidding Process	Single Stage Two Envelopes (Technical + Financial) of PPRA Rules.

**Procurement & Installation of IT Equipment/Computer Hardware, Licensed Software, Networking, Furniture and Misc. items of Plant & Machinery for Financial Year 2020-21**

ITB Clause 17	Clarification(s) on Bidding Documents	<b>Assistant Director</b> , Strengthening of Ministry of Planning, Development and Reform in IT Project
ITB Clause 15	Language of bid	<b>English</b>
ITB Clause 20.1	Specific Description of Goods in the Bidding Documents	For LOT 1 & 2, Quotations will be submitted for each & every item of a LOT mentioned in Section-III: Schedule of Requirements of the Bidding Documents. Any item that does not fulfill desired specification and mandatory requirements, the bid for that LOT shall be rejected straight away. For LOT 3, Quotations can be submitted for any or all items mentioned in the LOT. Any item that does not fulfil desired specification and mandatory requirements, the item quoted shall be rejected straight away.
ITB Clause 18.1	Bid Price	Bid Price shall be inclusive of all duties, taxes & levies.
ITB Clause 18.2	Currency of Bid	<b>PKR</b> – Pakistan Rupees
ITB Clause 24	Name of the Bid Form (Primary documents)	<b>TECH FORM 1:</b> Technical Proposal Cover Letter <b>TECH FORM 2:</b> BID COVER SHEET <b>TECH FORM 3:</b> Affidavit <b>TECH FORM 4:</b> Eligibility of the Bidders & Goods <b>TECH FORM 5:</b> Manufacturer/Distributor's Authorization <b>TECH FORM 6:</b> Summary of Similar Contracts <b>TECH FORM 7:</b> CVs of Technical Resource <b>FIN FORM 1:</b> Financial Proposal Cover Letter <b>FIN FORM 2:</b> Price Schedule
ITB Clause 25	Amount of Bid Security / Earnest Money	The Bidder shall furnish, as part of its bid, a Bid Security/Earnest Money in the shape of Pay Order/ Demand Draft, equivalent to <b>2%</b> of the total bid price for each LOT quoted by him separately, in the name of DDO Strengthening of MOPDR in IT
ITB Clause 19	Bid validity period	90 days (Mutually extendable)



**Procurement & Installation of IT Equipment/Computer Hardware, Licensed Software, Networking,  
Furniture and Misc. items of Plant & Machinery for Financial Year 2020-21**

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ITB Clause 26	Date, time and venue of opening of technical bids	<b>17-11-2020 at 15:30hrs</b> Jawaid Azfar Computer Centre 'P' Block, Ministry of Planning, Development & Special Initiatives, Pak Secretariat, Islamabad
ITB Clause 6	Performance Guarantee / Performance Security	The Performance Security, in the form of Bank Guarantee/ Pay Order/ Demand Draft, shall be 10% of the total contract price quoted at the time of Letter of Acceptance (LOA) and it shall be submitted in the Ministry of Planning, Development & Special Initiatives, Pak Secretariat, Islamabad

## Terms & Conditions

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## **Instructions to the Bidder - Terms & Conditions**

Following are Terms & Conditions for Bidding and subsequent Contract. The provisions mentioned herein will become part of the Contract. Whenever there is a conflict, the Special Provisions shall prevail over General Provisions of the Contract.

### **1. Definitions**

In this document, unless there is anything repugnant in the subject or context:

- a) "Authorized Representative" means any representative appointed, from time to time, by the Client, the Purchaser or the Contractor.
- b) "Availability and Reliability" means the probability that a component shall be operationally ready to perform its function when called upon at any point in time.
- c) "Authority" means Ministry of Planning, Development & Special Initiatives.
- d) "Bidder" means the Firm/Company/Supplier/Distributors fulfilling the eligibility criteria and participating in the bidding for provision of I.T. related equipment as per provision of bid document/ contract.
- e) "Contractor" means the person/firm/company whose Tender has been accepted and awarded letter of intent followed by the Contract by the Purchaser.
- f) "Purchaser" means "Strengthening of M/o Planning, Development & Reform in IT" Project, M/o Planning, Development & Special Initiatives, for the purposes of the Contract.
- g) "Contract" means the agreement entered into between the Purchaser and the Contractor, as recorded in the Contract Form signed by the parties, including all Schedules and Attachments thereto and all documents incorporated by reference therein.
- h) "Defects Liability Period" means the warranty period following the taking over, during which the Contractor is responsible for making good, defects and damages in Goods and Services provided, under the Contract.
- i) "Force Majeure" means an event beyond the control of the Contractor and not involving the Contractor's fault or negligence and not foreseeable. Such events may include, but are not restricted to, wars, revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- j) "Goods" means equipment, machinery, and/or other materials which the Contractor is required to supply to the Purchaser under the Contract.
- k) "Services" means installation, configuration, deployment, commissioning, testing, training, support, after sale service, etc. of Goods and other such obligations which the Contractor is required to provide to the Purchaser under the Contract.
- l) "Origin" shall be considered to be the place where the Goods are produced or from where the Services are provided. Goods are produced when, through manufacturing, processing or assembling of components, a commercially recognized product results that is substantially different in basic characteristics or in purpose or utility from its components. The origin of

Goods and Services is distinct from the nationality of the Contractor.

- m) "Delivery Acceptance Certificate" means the certificate to be issued by the Client to the Contractor, in accordance with the Contract.
- n) "Works" means work to be done by the Contractor under the Contract.
- o) "Inventory List" means a list of equipment/ supplies bearing details of make/ model/quantity/unit price/ warranty/location of supply/ installation/ manufacturer/authorized workshop, duly signed by the Contractor and verified by the Client.
- p) "Misc. Items" means those items that are not part of any LOT but are included in Schedule of Requirements of this Bidding Document.

## **2. Basic Information**

2.1 Bid reference number: 5(4)/IT/PC/2020-21-(1)

2.2 The Goods are: **IT Equipment, Computer Hardware, Licensed Software, Networking, Furniture and Misc. items of Plant & Machinery.**

2.3 Commencement date of provision of bidding document is 02-11-2020

2.4 Closing date of issuance of Bid documents is 17-11-2020

2.5 Submission of clarifications in writing by bidders is 09-11-2020

2.6 Pre-Bid Meeting will be held on 11-11-2020

2.7 Last date for bid submission will be 17-11-2020 at 3:00pm

2.8 Bid Submission Address is as following:

Assistant Director,  
"Strengthening of Ministry of Planning, Development and Reform in IT Project",  
Ministry of Planning, Development and Special Initiatives,  
**Ground Floor, JACC, 'P'-Block, Pak Secretariat, Islamabad**

## **3. Bidding Process & Evaluation Criteria**

The details of bidding process & evaluation criteria is provided in **Section II** of this document.

## **4. Country of Origin/ Eligible Countries**

All countries and territories as indicated in **Section V** of the Bidding Documents, "Eligibility for the Provisions of Goods, Works, and Services."

## **5. Standards**

The quoted product, at the time of technical evaluation and on delivery, shall conform to the standards as prescribed in specifications and in the Technical Evaluation Criteria. The said conformance shall lead to subsequent issuance of the Acceptance Certificate to the Supplier by the Purchaser.

**6. Performance Security**

The amount of performance security, as a percentage of the Contract Price, shall be: Ten (10) percent of the Contract Price.

*[The following provision shall be used in the case of Goods having warranty obligations.]*

After delivery and acceptance of the Goods and services, the Performance Security shall be returned after successful completion of the contract in accordance with Warranty & support.

**7. Inspections and Tests**

Inspection and tests of IT Equipment, Licensed Software and Misc. Items/ shipment of Goods and at final acceptance is as follows: Equipment Delivery & Inspection Report by Inspection Sub-Committee and followed by issuance of Delivery Acceptance Certificate (DAC) by Assistant Director (Admin & Accounts) on behalf of Procurement Committee to process payment of items.

**8. Packing**

The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.

**9. Delivery and Documents**

9.1 Delivery of all intended items shall be at Ministry of Planning, Development & Special Initiatives, 'P' Block, Pak Secretariat, Islamabad and it shall be maximum **eight (08) weeks**.

9.2 In case of Import or as required otherwise, upon shipment, the Supplier shall notify the Purchaser the full details of the shipment, including Contract number, description of Goods, quantity and usual transport document. The Supplier shall mail the following documents to the Purchaser.

- (i) copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount;
- (ii) Original and two copies of the usual transport document (for example, a negotiable bill of lading, a non-negotiable sea waybill, an inland waterway document, an air waybill, a railway consignment note, a road consignment note, or a multimodal transport document) which the buyer may require to take the goods;
- (iii) Manufacturer's or Supplier's warranty certificate;
- (vi) Certificate of origin.

9.3 *Applicable Delivery Mode:* Delivered Duty Paid (**DDP**) of Incoterms 2011

**10. Spare Parts**

10.1 After sale service with spare parts shall be at least 12 months for each item from the Manufacturer (Where applicable).

10.2 *After sale service without spare parts shall be further 2 years subsequent to period*

mentioned in Clause 10.1 above. (Where applicable).

#### **11. Warranty**

**Warranty as per standard.** The Supplier shall, in addition, comply with the guarantees associated with the performance and/or conformance specifications specified under the Contract. If, for reasons attributable to the Supplier, these guarantees are not attained in whole or in part, the Supplier shall, at its discretion, either:

(a) make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance / conformance tests in accordance with Clause 7.

**or**

(b) pay liquidated damages to the Purchaser with respect to the failure to meet the contractual guarantees. The rate of these liquidated damages shall be 1.5% per week up to a maximum of 06% of the total Contract price.

#### **12. Payment**

The method and conditions of payment to be made to the Supplier under the Contract shall be as follows:

##### **Payment for Goods supplied:**

a) Payment shall be made in **Pak. Rupees** through **crossed cheque** in the following manner:

100% percent of the Contract Price of the Goods shall be processed to supplier within thirty (30) days from the time of delivery subject to inspection, installation, commissioning and acceptance of complete system on provision of documents specified as follows:

- i. The Supplier in accordance with the terms and manner specified in the Schedule of Requirements shall make delivery of the goods.
- ii. The Supplier shall furnish all necessary documentation necessary for completion of the delivery, at the time of delivery and in the manner prescribed.
- iii. The goods supplied under the Contract shall be Delivered Duty Paid (DDP) under which risk is transferred to the buyer after the Goods have been delivered and accepted.

#### **13. Liquidated Damages**

13.1 **Applicable rate: 1.5% per week the total Contract price**

13.2 **Maximum deduction: Less than or equal to 6% of the total contract amount.**

13.3 **Purchase order can be cancelled in case of delay exceeding 4 weeks after standard delivery time of 8 weeks mentioned in ITB Clause 9.**

#### **14. Disputes Resolution**

In the case of a dispute between the Purchaser and the Supplier, the dispute shall be referred to adjudication or arbitration in accordance with Arbitration Laws of Pakistan and heard at Islamabad.

**15. Governing Language**

The Governing Language shall be: English

**16. Applicable Law**

The Contract shall be interpreted in accordance with the laws of Islamic Republic of Pakistan.

**17. Notices & Clarifications**

17.1 Purchaser's address for notice and clarification purposes:

**Assistant Director (Admin & Accounts),  
Strengthening of M/o PDR in IT Project,  
JACC, Ground Floor, 'P'-Block, MOPD&SI, Pak Secretariat, Islamabad**  
Telephone(s): +92-51-9219861  
E-Mail: [ad\\_jacc@pc.gov.pk](mailto:ad_jacc@pc.gov.pk)

17.2 Supplier should provide focal person's contact details, i.e., name, address, telephone, email.

**18. Duties, Taxes & Levies**

18.1 The Unit price quoted by the bidder shall be: inclusive of all duties, taxes & levies.

18.2 All items in the Bid shall be quoted in Pakistan Rupees (PKR) and remain valid as per Clause 19 herein.

**19. Bid Validity**

19.1 The Bidder shall provide a minimum validity period of ninety (90) days from the last date for submission of the Bids.

19.2 The Purchaser, at any time before final contract signing, may solicit the Bidder's consent to an extension of the validity period of the Bid. The request and the response thereto shall be made in writing. If the Bidder agrees to extension of validity period of the Bid, the validity period of the Bid security shall also be proportionately extended. The Bidder may refuse extension of validity period of the Bid, without forfeiting the Bid security.

**20. Rejection of Bids**

20.1 Bids will be submitted for each and every item of LOT 1 & 2 mentioned in Section III: Schedule of Requirements of the Bidding Document. Bids with selective items for LOT 1 & 2 will not be entertained. Any item that does not fulfil described specifications and mandatory requirements, the bid shall be rejected straightaway.

20.2 Bids can be submitted for any or all items of LOT 3 mentioned in Section III: Schedule of Requirements of the Bidding Document. Bids with selective items for LOT 3 area allowed. However, any item that does not fulfil described specifications and mandatory requirements, that item shall be rejected straightaway.

20.3 The Procuring Agency may reject any or all bids at any time prior to the acceptance of a bid. The Procuring Agency shall upon request communicate to any Bidder who submitted a bid, the grounds for its rejection of any or all bids but is not

required to justify those grounds.

20.4 The Procuring Agency incurs no liability, solely by virtue of its invoking ITB Clause 20.1 above towards Bidders who have submitted bids.

20.5 Notice of the rejection of any or all bids shall be given to the concerned Bidders that submitted bids.

**21. Joint Venture**

Joint Venture is allowed. JV deed and relevant documents regarding deed constituted prior to bid submission date will be submitted and entertained. The bidder should not subcontract any work as a part of this project after submission of bids, without prior written consent from Ministry of Planning, Development & Special Initiative.

**22. Right to Alter Quantities and requirements**

22.1 At any time prior to the deadline of submission of Bids, Purchaser may for any reason, whether at its own initiative or in response to a clarification requested by bidders, modify the Bid Document by amendment, which will be communicated through email to the bidders who have already been issued Bid Document.

22.2 All such amendments shall become part of the Bid Document.

22.3 Purchaser reserves the rights to alter quantities, revise/modify all or any of the specifications, delete some items specified in this offer, when finalizing its requirements.

22.4 No Commitment to Accept Lowest or Any Bid: Purchaser shall be under no obligation to accept the lowest or any other offer received in response to this bid notice and shall be entitled to reject any or all bids without assigning any reason whatsoever.

**23. Re-Bidding**

23.1 If the procurement entity has rejected all bids under Rule, it may call for a re-bidding.

23.2 The Procuring Agency before invitation for re-bidding shall assess the reasons for rejection and may revise specifications, evaluation criteria or any other condition for Bidders, as it may deem necessary.

**24. Bid Forms, Documents & Attachments**

24.1 In case bidders are quoting for more than one LOT, Bidders must submit separate Proposals for each LOT.

24.2 The Technical Proposal shall comprise the following forms and documents, without quoting the price:

For All LOTS

- a) Technical Proposal Covering Letter (Tech Form 1)
- b) Bid Cover Sheet (Tech Form 2)
- c) Affidavit (All terms & conditions and qualifications listed anywhere in the tender document have been satisfactorily vetted and agreed) (Tech Form 3)
- d) Evidence of eligibility of the Bidder and the Goods (Tech Form 4)



Only for LOT 1 & 2

- e) Authorization Certificate / document from the principal / manufacturer. (Tech Form 5)
- f) Summary of Similar Contracts (Completed & Ongoing) (Tech Form 6)
- g) CV of Technical Resources (Tech Form 7)

For All LOTS

- h) Technical Brochures / Literature
- i) Project Timeline for Delivery, Installation & related Services
- j) The statement must be signed by the authorized representative of the Bidder
- k) Valid Registration Certificate for Income Tax, Sales Tax and ATL status.
- l) Details of Warranty, After-Sale Service and onsite support
- m) Compliance Sheet - Evidence of conformity of the Goods / Services to the Bid Document

24.3 The Financial Proposal shall comprise the following forms and instruments:

- a) Financial Proposal Covering Letter (Fin Form 1)
- b) Price Schedule (Fin Form 2)
- c) Bid Security equal to 2% of Bid Value of LOT quoted.

**25. Bid Security/ Earnest Money**

The Bidder shall furnish, as part of its bid, a Bid Security/Earnest Money equivalent to 2% of the total bid price for quoted LOT in the name of DDO, Strengthening of MOPDR in IT Project.

**26. Date, time and venue of opening of Bids**

26.1 Technical Proposal will be opened 30 minutes after Bid Submission on the same date and venue as of Bid submission mentioned in Clause 2.

26.2 Date, time and venue of opening of Financial Proposals will be communicated by the Purchaser only to the technically qualified & compliant bidders at an appropriate time.

**SECTION II  
Bidding Process &  
Evaluation Criteria**

**Section II: Bidding Process, Evaluation Procedure & Criteria of Bids**

**Bidding Process**

Single stage two envelopes bidding process will be adopted where bids will be selected for each LOT separately under Quality and Cost Based Selection (QCBS) System and procedures described in this Bid Document, in accordance with the PPRA Rules.

Bidding Process, Evaluation Procedure & Criteria for Bids is mentioned separately for LOTS as follows:

**a) FOR LOTS 1 & 2**

The bidding process will involve the steps along with timelines as mentioned in Bid Data Sheet.

1. To enable bidder to prepare the proposal, a list of attached document formats have been provided in Section IV- Standard Forms.
2. Any request for clarification should be initiated in writing by email and should be addressed as indicated in notices clause (ITB Clause 17.1).
3. At any time before the submission of proposals, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by any bidder, modify the Documents by amendment. The clarification on bids or any amendments of the bid will be intimated to all Bidders listed with the Purchaser for this Bid in writing. The Purchaser may at its discretion extend the deadline for the submission of proposals.

**Bidding Procedure for Evaluation of Bids**

The bid submitted by the Bidder will be evaluated as per the following procedure:

1. First level of evaluation will be based on mandatory criteria. Only those firms who fulfill mandatory criteria will qualify for next round of evaluation.
2. Second level of evaluation will be on the basis of the Technical Bid, which will include compliance to technical specifications of each item and other factors mentioned in this bid document.
3. Bids that pass technical evaluation criteria, will be opened for financial evaluation.

**List of Mandatory Documents for Eligibility for LOTS 1 & 2.**

<b>S #.</b>	<b>Documents.</b>	<b>Validity</b>
1	Certificate of Company/Firm Registration/Incorporation under the laws of Pakistan with minimum 5 years of Relevant Experience	Valid certificate from concerned regulator / authority required.
2	Registration of NTN with Federal Board of Revenue (FBR) and having Active Tax Payer status.	
3	Registration of General Sales Tax (GST) with Federal Board of Revenue (FBR) and having Active Tax Payer status.	
4	The bidder should have fully operational office/ Head office in Islamabad/Rawalpindi.	
5	Principal/ OEM Presence in Pakistan (Proof of Presence in Pakistan)	
6	Affidavit that firm is not Blacklisted and involved in any active litigation in Pakistan.	
7	Authorized partners of OEM (Distributors, Resellers or Authorized Letter from mentioned Partners) for items where applicable. <i>(In case of provision of Distributor's Authorization letter then distributor's authorization certificate issued from manufacturer should also be provided for authenticity of offered products)</i>	Valid Authorization Certificate
8	Proof of similar completed projects for the last five years	Completion Certificates
9	Bidder has technical capabilities to provide support services / assistance during active period of Contract.	Team List with relevant training /certification
10	Compliance/ Data sheet shall be provided. Unless the submission of the same, bid shall be considered rejected straight away.	Compliance Sheet & Data Sheets
11	ISO 9001 Certification	Valid ISO certificate
12	Assurance of providing after sales service, onsite support and spare parts for supplied equipment as per requirements mentioned in this Bidding Document.	Certificate on company's letter head

**Evaluation Procedure & Criteria for LOTS 1 & 2**

**Technical**

**(i) Procedure for opening of Bids**

Single stage – two envelopes, procedure would be adopted for opening of bids. The procedure and terms are as follows:

- a) For each LOT, separate bids should be submitted by the Bidder.
- b) The bid for a LOT shall comprise a single package containing two separate envelopes. Each envelope shall contain separately the Financial Proposal and the Technical Proposal;
- c) The envelopes shall be marked as “TECHNICAL PROPOSAL – LOT # \_\_” and “FINANCIAL PROPOSAL – LOT # \_\_” in bold and legible letters to avoid confusion; The LOT # must be mentioned by the Bidder.
- d) Initially, only the envelope marked “TECHNICAL PROPOSAL” shall be opened;
- e) The Technical Proposals shall be evaluated for compliance to technical requirement of this document, without reference to the price and reject any proposal which does not conform to the specified requirements as listed in said Sections.
- f) The envelope marked as “FINANCIAL PROPOSAL” shall be opened in front of Procurement Committee members and the representatives of qualified bidders after the technical evaluation who have scored at least 70% marks in the LOT;
- g) The Financial Proposal of bids found technically nonresponsive or unqualified shall be returned un-opened to the respective bidders;
- h) The opened financial proposals will be evaluated and amount totals will be checked/verified for correctness. The bid compliant in all respects obtaining the highest evaluation marks (as described hereunder) will be considered for the award of procurement order.

**(ii) Technical evaluation**

There would be a two-stage evaluation for each LOT; preliminary mandatory evaluation of technical bids will be done as per information tabulated above. Detailed technical evaluation of those firms would be performed which would qualify the above tabulated mandatory evaluation criteria. The technical evaluation would be performed by the Technical Evaluation Committee. Rating for technical evaluation will be as per following criteria:

Sr.#	Criteria	Marks
1	<b>Relevant Experience</b>	<b>40</b>
(i)	<b><u>FOR LOT 1 only</u></b> a) Relevant experience in IT Hardware for Data Centres including SAN storage, connectivity, Desktops, Laptops, Printers etc. of similar nature & size for clients in Public/Private Sector Departments/Organizations having worth of more than PKR 20 Million.	

	<p>Each Project → 03 Marks (Maximum <b>15 Marks</b>)</p> <p>AND</p> <p>b) Relevant experience in providing, installation and configuration of IT Equipment (Interactive Eqpt, Digital Signage etc.) of similar nature &amp; size for clients in Public, Private or Corporate Sector organizations Each Project → 02 Marks (Maximum <b>06 Marks</b>)</p> <p><b><u>FOR LOT 2 only</u></b> Relevant experience in providing, installation, configuration and testing commissioning of Networking (Wired/Wireless) including LAN/WAN of similar nature &amp; size for clients in Public, Private or Corporate Sector organizations having worth of more than PKR 20 Million Each Project → 03 Marks (Maximum <b>21 Marks</b>)</p>	
(ii)	Past Experience with Planning Commission: Up to 10 marks may be deducted on level of performance up to minus 10. (between <b>+10 to -10 Marks</b> )	
(iii)	Manufacturer Authorization Certificate → <b>04 Marks</b>	
(iv)	ISO 9001 Certificate → <b>05 Marks</b>	
2	<b>Technical Resource</b>	<b>30</b>
(i)	<p><b>Technical Staff strength: (Maximum 20 Marks)</b> <b>Technical Staff strength (10 or above) employees: 20 Marks</b> including at least 02 Engineers trained / certified on offered manufacturer's equipment. <b>Technical Staff strength between 05-09 employees: 10 Marks</b> including at least 02 Engineers trained / certified on manufacturer's equipment. <b>Technical Staff strength less than 05 employees: 05 Marks</b></p>	
(ii)	<p><b>Project Manager's Experience: (Maximum 10 Marks)</b> Relevant Experience (Above 10) years of successfully managing and implementing similar nature projects → <b>10 Marks</b> Relevant Experience up to (05-10) years of successfully managing and implementing similar nature projects → <b>7 Marks</b> Relevant Experience up to (03-05) years of successfully managing and implementing similar nature projects → <b>5 Marks</b></p>	
3	<b>Project Methodology and Implementation/ Management Plan</b>	<b>30</b>

<b>(i)</b>	Project understanding in terms of scope & targets → <b>02 Marks</b> Methodology, (approach, Risks, Maintenance, Quality) → <b>03 Marks</b> Support Plan: Proposed Plan, Support Team and Experience, Response time, Warranties, onsite maintenance & technical support → <b>05 Marks</b> (Maximum <b>10 Marks</b> )	
<b>(ii)</b>	Project Timeline for delivery and installation: (Maximum <b>10 Marks</b> ) Within 4 Weeks → <b>10 Marks</b> Between 4 to 6 Weeks → <b>5 Marks</b> More than 6 Weeks → <b>0 Marks</b>	
<b>(iii)</b>	Overall Proposal presentation in terms of: Conciseness Clarity, Completeness (Maximum limit of <b>10 Marks</b> )	
	<b>TOTAL TECHNICAL EVALUATION MARKS</b>	<b>100</b>

**(iv) Financial Evaluation for LOT 1 & 2**

In each LOT, Financial bids of only those bidders who Score at least 70% on the technical evaluation would be opened before the representatives who wish to attend the tender opening.

The Financial Evaluation scores for each bidder will be calculated as follows:

Price/ total amount quoted by lowest bidder in LOT:	A
Price/ total amount quoted by second lowest bidder in LOT:	B
Price/ total amount quoted by third lowest bidder in LOT:	C
Financial score of the lowest bidder will be:	100
Financial score of the second lowest bidder will be:	(A/B)*100
Financial score of the third lowest bidder will be:	(A/C)*100

For each LOT, Financial score for subsequent higher-priced bidders will be calculated in a similar way as described above.

**(v) Final Evaluation Scoring for LOT 1 & 2**

In the final evaluation, the technical bids will carry a weightage of 70 points while the financial bids will have a weightage of 30 points.

The Procurement Committee would make the decision for recommendation of the successful bidder in a LOT according to the final score obtained by each compliant bidder as per the following formula:

$$\text{Final Score} = \text{Technical Score Obtained} \times 0.7 + \text{Financial Score Obtained} \times 0.3$$

In each LOT, the Bidder obtaining maximum Final Score in that LOT will be ranked as number 1 and subsequent bidders ranked accordingly. The decision of the Committee will be binding on all concerned and will in no case be changeable in any forum.

**b) FOR LOT 3: MISC. ITEMS**

The Bidders can quote for any or all items in one proposal mentioned under LOT 3: MISC ITEMS in Section III: Schedule of Requirements. The evaluation and selection of each of the items quoted will be made separately.

The bidding process will involve the steps along with timelines as mentioned in Bid Data Sheet.

1. To enable bidder to prepare the proposal, a list of attached document formats have been provided in Section IV- Standard Forms. The Bidder are required to fill and attach only following forms with their bids:
  - i) TECH FORM 1 to TECH FORM 4
  - ii) FIN FORM 1 and FIN FORM 2
  - iii) SECTION V: Eligible Countries
2. Any request for clarification should be initiated in writing by email and should be addressed as indicated in notices clause (ITB Clause 17.1).
3. At any time before the submission of proposals, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by any bidder, modify the Documents by amendment. The clarification on bids or any amendments of the bid will be intimated to all Bidders listed with the Purchaser for this Bid in writing. The Purchaser may at its discretion extend the deadline for the submission of proposals.

**Bidding Procedure for Evaluation of Bids**

The bid submitted by the Bidder will be evaluated as per the following procedure:

4. First level of evaluation will be based on mandatory criteria. Only those firms who fulfill mandatory criteria will qualify for next round of evaluation.
5. Second level of evaluation will be on the basis of the Technical Bid, which will include compliance to technical specifications of each item and other factors mentioned in this bid document.



6. Bids that pass technical evaluation, will be opened for financial evaluation.

**List of Mandatory Documents for Eligibility.**

<b>S #.</b>	<b>Documents.</b>	<b>Validity</b>
1	Registration of NTN with Federal Board of Revenue (FBR) and having Active Tax Payer status.	Valid certificate from concerned regulator / authority required.
2	Registration of General Sales Tax (GST) with Federal Board of Revenue (FBR) and having Active Tax Payer status.	
3	The bidder should have office located in Islamabad/ Rawalpindi as well as facilities of telephone lines	
4	Affidavit that firm is not Blacklisted and involved in any active litigation in Pakistan.	

**Evaluation Procedure & Criteria**

**Technical**

**(i) Procedure for opening of Bids**

Single stage – two envelopes, procedure would be adopted for opening of bids. The procedure and terms are as follows:

- a) For each item of this LOT, evaluation, selection and award will be made separately.
- b) The bid for LOT # 3: MISC. ITEMS shall comprise a single package containing two separate envelopes. Each envelope shall contain separately the Financial Proposal and the Technical Proposal;
- c) The envelopes shall be marked as “FINANCIAL PROPOSAL – LOT #3: MISC. ITEMS” and “TECHNICAL PROPOSAL – LOT #3: MISC. ITEMS” in bold and legible letters to avoid confusion.
- d) Initially, only the envelope marked “TECHNICAL PROPOSAL – LOT #3: MISC ITEMS” shall be opened;
- e) The Technical Proposals shall be evaluated for compliance to technical requirement of this document, without reference to the price and reject any proposal which does not conform to the specified requirements as listed in said Sections.
- f) The envelope marked as “FINANCIAL PROPOSAL – LOT #3: MISC. ITEMS” shall be opened in front of Procurement Committee members and the representatives of qualified bidders after the technical evaluation who have scored at least 70% marks for the quoted item(s) mentioned in the LOT #3: MISC. ITEMS;
- g) The Financial Proposal of bids found technically nonresponsive or unqualified shall be returned un-opened to the respective bidders;

- h) The opened financial proposals will be evaluated and amount totals will be checked/ verified for correctness. The quoted item/ bid compliant in all respects obtaining the highest evaluation marks (as described hereunder) will be considered for the award of procurement order for that item only.

**(ii) Technical evaluation**

As part of the technical evaluation, mandatory documents will be checked for the technical bids as per information tabulated above. Detailed technical evaluation of those firms would be performed which would qualify the above tabulated mandatory evaluation criteria. The technical evaluation would be performed by the Technical Evaluation Committee.

Rating for technical evaluation will be as per following criteria:

A quality inspection of the sample of the quoted item(s) will be made by the Technical Evaluation Committee/ Procurement Committee. The Bidder shall provide sample of quoted item(s) only when requested by the Committee. Each member will award numbers independently for an item on a scale of 1 to 10. The awarded numbers will be aggregated to arrive at the total technical score for the item quoted as follows:

$$\text{Technical Score Obtained by Bidder} = \frac{\text{Sum of marks given by all members}}{(10 \times \text{no. of members})} \times 100.$$

**(iii) Financial Evaluation for LOT # 3**

For each item quoted, Financial bids of only those bidders who Score at least 70% on the technical evaluation of the item would be opened before the representatives who wish to attend the tender opening.

As part of Financial Evaluation, financial proposals will be check for compliance and correctness for each item of technically compliant/ qualified bidder.

For each item, in LOT #3, the lowest financial compliant proposal/ bidder will be awarded the contract for that item.

For each item, the decision of the Committee will be binding on all concerned and will in no case be changeable in any forum.

**SECTION III**  
**Schedule of Requirements**

**Summary List of Items for Procurement**

<b><u>LOT # 1: EQUIPMENT &amp; SOFTWARE</u></b>		
<b>S#</b>	<b>Item Description</b>	<b>Qty</b>
<b>Hardware</b>		
1	Storage Area Network (SAN) for backup (48TB to 50TB)	1
2	Workstations for GIS Cell at JACC	2
3	Server machine + Connections to SAN (SFPs) for GIS Lab	1
4	Laptops (High end) for Data Scientist/GIS Specialist	2
5	Desktop Computers	50
6	Notebook/ Laptop Computers	50
7	Scanner	50
8	Heavy Duty Scanners	12
9	Colour Laser Printer (Heavy Duty)	1
10	Laser Jet Printers (B&W)	100
11	Storage Area Network (SAN) for backup (15TB - 20TB)	1
<b>Software</b>		
12	MS Office 2019 (Business)	50
13	Antivirus security suite	500
14	Adobe Photoshop CS6	1
15	ESRI ArcGIS Suite for Desktop with Standard Extension	1
16	ERDAS Imagine Professional	1
<b>IT Equipment</b>		
17	Interactive LED Screens	1
18	Electronic Notice Board for "P" Block Reception, Auditorium and JACC with LED Screens	3
19	Interactive, Multi-touch Screen tables	3
20	Digital Flip Charts	3
21	Digital Signage Devices / Solution	1

<b><u>LOT # 2: NETWORKING</u></b>		
<b>Networking</b>		
22	Upgradation of the Network of Ministry of PD&SI	1

<b><u>LOT # 3: MISC. ITEMS</u></b>		
<b>Plant &amp; Machinery</b>		
23	Paper Shredder	2
24	Reversible AC	5
25	Fan Heaters	5
<b>Furniture &amp; Fixture</b>		
26	Furniture (Computer table/Chairs)	32

**Specifications of Items/ Equipment (with Installation, Configuration, Support Services, etc.)**

<b><u>LOT # 1: EQUIPMENT &amp; SOFTWARE</u></b>		
<b>No</b>	<b>Name of Item</b>	<b>Specification</b>
<b>1</b>	<b>Storage Area Network (SAN) for backup (48TB to 50TB)</b>	Storage Array 10Gb iSCSI BaseT 8 Port Dual 5U Controller 28 X 1.8TB HDD 10K 512n SAS12 2.5 Rack Rails 5U Power Supply, 2200W, Redundant 2 X Jumper Cord - C19/C20, 2.5M, 250V, 16A 3Yr ProSupport & Mission Critical:(7x24) 4-hour Onsite Service-Emerging DBS Technical Support-Emerging DBS <b>Dell EMC ME4084 or Equivalent</b> <b>TOR Switch:</b> 28x10GbT 2x QSFP28, 960Gbps, 720Mpps
<b>2</b>	<b>Workstations for GIS Cell at JACC</b>	<b>Processor:</b> Intel Xeon Silver 4210 2.2GHz,(3.2GHz Turbo, 10C, 9.6GT/s 2UPI, 13.75MBCache, HT (85W) DDR4-2400 1st) or higher <b>RAM:</b> 16GB 2x8GB DDR4 2666MHz RDIMM ECC Memory <b>SSD:</b> 2.5" 512GB SATA Class 20 Solid State Drive <b>HDD:</b> 3.5" 2TB 7200rpm SATA Hard Drive <b>DVD:</b> 8x DVD+/-RW 9.5mm Optical Disk Drive <b>Graphic Card:</b> Dual NVIDIA Quadro P400, 2GB, 3 mDP, 6 mDP to DP adapter 7X20T <b>Monitor:</b> LED 18.5" or higher <b>Mouse:</b> Wired Mouse Black <b>Keyboard:</b> Wired Keyboard KB216 Black (English) <b>OS:</b> Windows 10 Pro for Workstations (4 Cores Plus) English <b>Warranty:</b> 3 Year Limited <b>Casing:</b> Original, Tower with 250W or more power supply <b>HP, Dell or Equivalent</b>

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3	<b>Server machine + Connections to SAN (SFPs) for GIS Lab</b>	<p><b>Processor:</b> 2 X Intel Xeon Silver 4210 2.2G, 10C/20T, 9.6GT/s, 13.75M Cache, Turbo, HT(85W) DDR4-2400  Chassis with up to 16 x 2.5" SAS/SATA Hard Drives for 2CPU Configuration  3200MT/s RDIMMs  <b>RAM:</b> 2 X 16GB RDIMM, 3200MT/s, Dual Rank  <b>HDD:</b> 4 X 1.2TB 10K RPM SAS 12Gbps 512n 2.5in Hot-plug Hard Drive  PERC H730P RAID Controller, 2GB NV Cache, Adapter, Low Profile  6 Standard Fans  2 X Standard 1U Heatsink  2 X Jumper Cord - C13/C14, 4M, 250V, 10A  Broadcom 57412 Dual Port 10GbE SFP+ &amp; 5720 Dual Port 1GbE BASE-TrNDC  <b>DVD:</b> DVD+/-RW, SATA, Int  <b>Power Supply:</b> Dual, Hot-plug, Redundant Power Supply (1+1), 750W  <b>Mouse:</b> Wired Optical Mouse – Black  <b>Keyboard:</b> Black Wired Multi-Media Keyboard English  UEFI BIOS Boot Mode with GPT Partition with 18.5” or higher LED  <b>Warranty:</b> 3 Year Limited  <b>SAN Switch:</b> 16 port SAN Switch with SFPs Modules  Connectivity with existing servers  <b>HP, Dell or Equivalent</b></p>
4	<b>Laptops (High end) for Data Scientist/GIS Specialist</b>	<p><b>Processor:</b> Intel Core I7-10810U Processor (6 Core, 12MB Cache, 1.10GHz, 15W, vProCapable) or higher  <b>RAM:</b> 16GB, 2666 MHz, DDR4 Non-ECC, Integrated  <b>SSD:</b> M.2 512GB PCIe NVMe Class 35 Solid State Drive  <b>Screen Size:</b> 14.0" FHD (1920 x 1080) AG, 2.7mm HD Cam/Mic, WLAN  <b>Graphic Card:</b> Intel Integrated UHD Graphics, i7-10810U 6-Core Processor, 16G Memory  Touch Fingerprint Reader in Power Button, Thunderbolt 3, Carbon Fiber Door Bottom, Carbon Fiber, WLAN, no i5 10210U, 4G, FHD  Intel Wi-Fi 6 AX201 2x2 802.11ax 160MHz + Bluetooth 5.1  <b>Keyboard:</b> Single Point Keyboard US-English without backlight  <b>Mouse:</b> Wireless Mouse - Black  <b>OS:</b> Windows 10 Pro (64bit) English,  <b>Battery:</b> 3 Cell 39WHr Express Charge Capable Battery  With carrying bag  <b>Warranty:</b> 3 Year Limited  <b>HP, Dell or Equivalent</b></p>
5	<b>Desktop Computers</b>	<p><b>Processor:</b> Intel Core i5, 6-core (3.0GHz or above) with at least 9MB Level 2 Cache memory or higher (9th generation or higher)  <b>Chipset:</b> Intel Original Q370 chipset  <b>RAM:</b> DDR 8GB or higher capacity  <b>Optical Drive:</b> DVD Writer (Super Drive) 8x DVD+/-RW  <b>VGA:</b> Intel HD Graphics 630 or equivalent  <b>Sound:</b> Built-in sound card and speaker  <b>Hard Disk:</b> 1TB 7200 rpm 3.5” SATA  <b>LAN Card:</b> 100/1000 Ethernet NIC (Integrated) + Built-in Wi-Fi (Latest)  <b>Monitor:</b> LED 18.5” or higher  <b>Keyboard/Mouse:</b> Standard OEM Multimedia/Brand specific,</p>

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		<p><b>Software:</b> Licensed (Windows 10 Professional). verifiable from Principal  <b>Warranty:</b> 3 Year Limited  <b>Casing:</b> Original, Tower with 250W or more power supply  <b>HP, Dell or Equivalent</b></p>
6	<b>Notebook/ Laptop Computers</b>	<p><b>Processor:</b> Intel Core i7- (10<sup>th</sup> generation), 8MB Cache or higher  <b>Chipset:</b> Intel Original chipset  <b>RAM:</b> DDR4 type memory 8GB (2400MHz) or higher  <b>Hard Disk:</b> 512 GB SSD  <b>VGA /Sound:</b> Integrated UHD 630 or higher (Intel HD chipset)  <b>Sound:</b> Two speakers  <b>Communication:</b> 802.11ac (dual band) 2*2, RJ-45 LAN port  <b>Screen Size:</b> 15.6" (FHD with antiglare coating), Brightness of 220cd/m<sup>2</sup> or more (300 cd/m<sup>2</sup> will be preferred), Non-Touch screen models only  <b>External Ports:</b> Multi-Format Digital Media Card Reader for Secure Digital cards, 2 Super Speed USB 3.0 type A/3.1 type C, 1 HDMI  1 Headphone-out/microphone-in combo jack, HD Webcam  <b>OS Version:</b> Windows 10 Professional, verifiable from Principal  <b>Carrying Case:</b> OEM recommended (briefcase style)  <b>Warranty:</b> 3 Years local  <b>HP, Dell or Equivalent</b></p>
7	<b>Standard Scanner</b>	<p><b>Scan Technology:</b> CMOS CIS (Contact Image Sensor)  <b>Scan Type:</b> Sheet Fed Scanner; Colour Scanning: Yes  <b>Scan Speed</b> 30 ppm/60 ipm (black &amp; white, grey and colour, 200 dpi) or higher  <b>Scan Resolution Hardware:</b> Up to 600 x 600 dpi (colour and monochrome);  <b>Optical:</b> Up to 600 dpi (colour and monochrome);  <b>Scan File Format</b> For text and images: PDF, JPEG, PNG, BMP, TIFF, TXT(Text), RTF (Rich Text) and searchable PDF  <b>Scan Input Modes</b> Scan front-panel function: Save as PDF, Save as JPEG, Email as PDF.  <b>Output resolution dpi settings</b> 150, 200, 240, 300, 400, 500, 600  <b>Grayscale Levels/Bit Depth</b> 256; Bit Depth: 24-bit  <b>Duty Cycle (daily)</b> Up to 3,500 pages  <b>Auto Document Feeder Capacity</b> Standard, 60 sheets or above  <b>Duplex Scanning:</b> Yes  <b>Media Size:</b> Legal, A4; A5; A6; B5; <b>Media Weight:</b> 27 to 209 g/m<sup>2</sup>  <b>External I/O ports:</b> Hi-Speed USB 2.0  <b>Software:</b> Bundled Software Windows ISIS Twain Driver, (Windows 7 SPI/ 8.1/10.Windows Server 2008/2012/2016, Mac ISIS Twain Driver compatible with Mac OS 10.10, 10.11, 10.12  <b>Country of Origin:</b> UK, USA, or Japan  <b>Warranty:</b> One year local</p>
8	<b>Heavy Duty Scanner</b>	<p><b>Scan Technology:</b> CMOS CIS (Contact Image Sensor)  <b>Scan Type:</b> ADF Scanner with Legal Size Flatbed; Colour Scanning: Yes  <b>Scan Speed:</b> 40 ppm/80 ipm or higher  <b>Scan Resolution Hardware:</b> Up to 600 x 600 dpi (colour and monochrome, ADF)  <b>Optical:</b> Up to 600 x 600 dpi (colour and monochrome, ADF)  <b>Scan File Format:</b> PDF, JPEG, PNG, BMP, TIFF, Text (.txt), Rich Text (rtf) and searchable PDF</p>

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		<p><b>Output resolution:</b> 150, 200, 240, 300, 400, 600 dpi  <b>Grayscale Levels/Bit Depth</b> 256; Bit Depth: 24-bit  <b>Duty Cycle (daily)</b> 6,000 pages,  <b>Multi Feed Detection</b> Yes  <b>Auto Document Feeder Capacity Standard,</b> 50 sheets  <b>Duplex ADF Scanning</b> Yes  <b>Media Size:</b> A3 Support via Folio Mode, A4; A5; A6; B5; <b>Media Weight:</b> 27 to 209 g/m<sup>2</sup>  <b>External I/O ports</b> Hi-Speed USB 2.0  <b>Scanner Advanced Features</b> Blank page removal; Auto orientation; Auto colour detect; Auto page size detection; Auto resolution setting, background smoothing, character emphasis deskew, double feed release, edge emphasis, folio mode, long document mode, multi stream, pre-scan prevent bleed-through/remove background, shadow cropping, skip blank page,  Digital Sending Standard Features Scan to email; Scan to PC; Scan to Network  <b>Media Types Supported</b> Paper (banner, inkjet, photo, plain), envelopes, labels, cards  <b>Software:</b> Adobe Acrobat Professional latest version with Media  <b>Compatible Operating Systems</b> Windows 10 or higher;  <b>Country of Origin:</b> UK, USA, or Japan  <b>Warranty:</b> One year local</p>
9	<p><b>Color Printer (Heavy Duty)</b>      <b>Laser (Heavy Duty)</b></p>	<p><b>Control panel:</b> Touch screen with colour graphics. Print: Print technology Laser  <b>Print speed:</b> Black&amp; Color (A4, normal) Up to 38 ppm; Black&amp; Color (A4, duplex): Up to 38 ipm;  <b>Print resolution:</b> Black (best): Up to 1200 x 1200 dpi,  <b>Monthly duty cycle</b> Up to 80,000 pages A4; monthly page volume: 2,000 to 7,500 pages  <b>Print area:</b> Print margins Top: 2 mm absolute/5 mm assured image, Bottom: 2 mm absolute/5 mm assured image, Left: 2 mm absolute/5 mm assured image, Right: 2 mm absolute/5 mm assured image; Maximum print area:  <b>Duplex printing:</b> Automatic (standard).  <b>Processor speed:</b> 1.2 GHz or higher,  <b>Memory:</b> 1 GB or higher  <b>Connectivity:</b> Standard Hi-Speed USB 2.0 port; Built-in Fast Ethernet 10/100/1000Base-TX network port  <b>Supported network protocols:</b>IPv4/IPv6: Apple Bonjour Compatible (Mac OS 10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewall;IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print; Other: NetWare NDS, Bindery, NDPS, ePrint  <b>Network capabilities:</b> Standard (built-in Gigabit Ethernet). Hard disk 4 GB non-volatile storage, firmware encryption (AES 128 or AES 256) of customer/job data; Secure Cryptographic Erase – Job Data, Secure Erase – Disk. Memory Standard: 1 GB. Media handling: Standard: 3 ; Max.: 5  <b>Media handling:</b> Standard input: 100-sheet multipurpose tray, 550- sheet input tray 2, 550-sheet media input tray 3  <b>Optional input:</b> 550-sheet media input tray 4, 550- sheet media input tray 5  <b>Media weight:</b> Tray 1: 60 to 220 g/m<sup>2</sup> (plain paper), 105 to 220 g/m<sup>2</sup> (glossy paper);</p>



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		Tray 2: 60 to 220 g/m <sup>2</sup> (plain paper), 105 to 220 g/m <sup>2</sup> (glossy paper). <b>Print Drivers:</b> MS Windows 10, MS Windows 8, Windows Server 2003, Windows Server 2008 (32-bit & 64-bit), <b>Warranty:</b> One year local
10	<b>Laser Printers (B&amp;W)</b>	Print Technology: Laser Speed: Black (normal, A4): Upto 40 ppm Resolution Black (best): 1200 x 1200 dpi (equivalent) 2400 (equivalent) x 600dpi Built-in Duplex printing Duty cycle (monthly, A4) Upto 79,000 pages or higher Media: Standard: sizes A4; A5; A6; envelopes (C5, DL); custom Recommended Weights 65 to 120 g/m <sup>2</sup> Types: Plain paper, envelope, postcard, Label Paper handling Input (standard): 150-sheet input tray; Output (standard): 100-sheet output bin Processor speed: 800 MHz or higher Operating system compatibility: Windows 10, 8.1, 8, 7: 32-bit or 64-bit Connectivity: 1 Hi-Speed USB 2.0; 1 host USB at rear side; Gigabit Ethernet 10/100/1000BASE-T network; 802.3az(EEE) 802.11b/g/n / 2.4 / 5 GHZ Wi-Fi radio HP or equivalent Toners/consumables availability at reasonable prices will be considered while technical evaluation. <b>Warranty:</b> One year local
11	<b>Storage Area Network (SAN) for backup (15TB - 20TB)</b>	Storage Array ME4 2U Bezel 10Gb iSCSI BaseT 8 Port Dual Controller 15 X Hard Drive Filler 2.5in, Single Blank 9 X 2.4TB 10K RPM SAS 12Gbps 512e 2.5in Hot-plug Hard Drive Rack Rails 2U Power Supply, 580W, Redundant, Flex 2 X Jumper Cord - C13/C14, 4M, 250V, 10A 3Yr ProSupport & Mission Critical:(7x24) 4-hour Onsite Service-Emerging DBS Technical Support-Emerging DBS <b>Dell EMC ME4024 or Equivalent</b> <b>TOR Switch:</b> 28x10GbT 2x QSFP28, 960Gbps, 720Mpps
12	<b>MS Office 2019 (Business)</b>	Microsoft Office (Business) 2019 (with latest update) inclusive of all tools such as WORD, EXCEL, POWERPOINT, ACCESS, OUTLOOK software, etc.
13	<b>Antivirus security suite</b>	Kaspersky Endpoint Security Business (Advanced) latest version with 3 years subscription Services: Installation and configuration of Kaspersky security center/ Administration server
14	<b>Adobe Photoshop CS6</b>	Adobe professional 2016/2017 suite or latest version
15	<b>ESRI ArcGIS Suite for Desktop with Standard Extension</b>	<b>License:</b> Proprietary commercial software <b>Stable Release:</b> 10.8 / February 20, 2020 or latest
16	<b>ERDAS Imagine</b>	Image analysis, remote sensing, and GIS.

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	<b>Professional</b>	Support for optical panchromatic, multispectral and hyperspectral imagery, radar, and LiDAR data. User-friendly ribbon. Multi-core and distributed processing. Spatial modeling with raster, vector and point cloud operators, as well as real-time results preview. Professional version latest
17	<b>Interactive LED Screens</b>	55" IWB 6 points touch MB (Multiboard) Integrated Intel Based PC (Core i5/4GB RAM/500GB Hard disk drive) Features: TV Tuner/Main Control unit/Remote Control/Full HD MultiTouch Screen/Wall Mount Kit/Set of Applications: EasiNote (Education/ Meetings), Easy Meeting (Conference/ Meetings), EasiSign (Signature Software), EasiShow (Presentations), Wifi PC Control (Wireless keyboard/Mouse, Presentations/File with Pad <b>Samsung or Equivalent</b>
18	<b>Electronic Notice Board for P Block Reception, Auditorium and JACC with LED Screens</b>	Wall mounted Electronic Notice Board, Minimum size 55"; Resolution 1920x1080p, Pixel pitch(mm: 0.63x0.63; Brightness: min 450cd/m; Bezel width: 9.5 (T/L/R) 15.6 (B), Contrast Ratio: 1100:1, Aspect Ratio: 16:9, Display Colors: 16.7M; Media Player; CPU: Quad Core Cortex A9 1.8 GHz; GPU:ARM Mali400 Quad Core 533MHz; Memory: 2GB DDR3; Storage: 16GB EMMC; Sound Speaker; Software for Content & Control; Mount Bracket and Installation; <b>Samsung or Equivalent</b>
19	<b>Interactive Multi-Touch Tables</b>	Size 43", Commercial grade LED Display with option for Full HD resolution or 4K UHD resolution; support for multi-touch points, supports MS Windows, Android & iOS operating systems, Built-in Wi-Fi and LAN connectivity.
20	<b>Digital Flip Charts</b>	Screen Size: Minimum 55", Brightness (with glass) min. 220nits, Resolution, 2160x3840, viewing angle: 178/178 degrees, Panel Technology: E-LED 60 Hz, Inputs: At least HDMI, USB 2 (ver 2.0 x 2, side 1, Assy 1); Internal Sensor NFC, Acceleration Sensor, Proximity Sensor; Output: Touch Out, USB, External Controls: Touch Input RJ45; Touch Pen Type Passive; Power Supply, AC 100-240V; Built-in Speakers (2x10W); Application Software for Flip, Built-in Document Viewer for MS Office, PDF etc.; Power Cable, Touch Out Cable, Moving Stand, Protection Glass; <b>Samsung or Equivalent.</b>
21	<b>Digital Signage Devices/ Solution</b>	Display size: 65", Resolution: 1920X1080p, Pixel Pitch(mm): 0.744X0.744, Brightness: 450 cd/m, Bezel width: 9.5 (T/L/R) 15.6 (B), Contrast Ratio: 1100:1, Aspect Ratio: 16:9, Display Colors: 16.7M Media Player; CPU: Quad Core Cortex A9 1.8 GHz; GPU: ARM Mali400 Quad Core 533MHz; Memory: 2GB DDR3; Storage: 16GB EMMC; Sound Speaker; Digital Signage Software CMP; Mount Bracket and Installation
<b>LOT # 2: NETWORKING</b>		
22	<b>Upgradation of the Network of Ministry of PD&amp;SI</b>	<b><u>PASSIVE COMPONENTS/ WORKS</u></b> Network Nodes: 50 with complete installation. <ul style="list-style-type: none"> <li>▪ <b>Cat-6 Cable: Qty = 10 Rolls</b></li> </ul> Category 6 U/UTP Cable (with cross-shaped separator) offer the possibility to deploy unshielded Category 6/Class E systems when installed with Cat-6 RJ45 Jacks. • Conductor Diameter: AWG 24 (Ø 0.525 +/- 0.015mm) or AWG 23 (Ø 0.57 +/-



		<p>0.010mm)</p> <ul style="list-style-type: none"> <li>• Insulation Diameter: PE Ø 0.95 +/- 0.05 mm</li> <li>• Cable assemblies: 4 pairs</li> <li>• Sheath material: PVC</li> </ul> <p><b>Mechanical Features:</b>  Maximum cable diameter (mm) 5.40 +/- 0.30 or higher Bending Radius (mm)  Dynamic (installation) / Static (installed) ≥ 8x outer diameter / ≥ 4x outer diameter  Temperature Range In service / Installation, Transport and Storage -20°C +60°C / 0°C +50°C</p> <p><b>Electrical Features at 20°C:</b></p> <table style="width: 100%; border: none;"> <tr> <td>DC Resistance</td> <td style="text-align: right;">max 9.38 Ω/100m</td> </tr> <tr> <td>Resistance Unbalance</td> <td style="text-align: right;">≤ 2 %</td> </tr> <tr> <td>Insulation Resistance (500 V)</td> <td style="text-align: right;">≥ 5000 M Ω/km</td> </tr> <tr> <td>Mutual capacitance</td> <td style="text-align: right;">nom. 5.1 nf / 100 m at 1 kHz</td> </tr> <tr> <td>Test Voltage (DC, 1 min)</td> <td style="text-align: right;">1 kV / 1m</td> </tr> <tr> <td>Capacitance Unbalance (pair to ground)</td> <td style="text-align: right;">max. 160 pf / 100 m at 1 kHz</td> </tr> <tr> <td>VPN (nominal)</td> <td style="text-align: right;">67%</td> </tr> </table> <p style="margin-left: 40px;">▪ <b>Cat-6 UTP Jack (I/O):</b> <span style="float: right;"><b>Qty = 100 Nos</b></span></p> <p>Category 6/Class E system, fully compliant with Category 6 ISO/IEC, EN and TIA standards for hardware performance, confirmed by independent laboratory certifications (Delta, GHMT).</p> <p>The jacks have the following features:</p> <ul style="list-style-type: none"> <li>• Category 6 UTP</li> <li>• Keystone fixing;</li> <li>• Tool less assembly (mandatory)</li> <li>• Capable of being wired to both 568B and 568A. three cable entry points</li> <li>• Integral shutter/shuttered jack</li> <li>• Jacks must be reusable i.e. it must support multiple termination.</li> </ul> <p><b>Technical characteristics</b>  Conforms to Category 6 hardware performance parameters of ISO/IEC 11801, EN 50173 and TIA 568</p> <p>Conductor diameter:  solid wires: 0.50 to 0.65 mm  stranded wires: 7 x 0.15 to 0.20 mm</p> <p>Maximum diameter of wire insulation: 1.6 mm  Lead through resistance: &lt; 200 mΩ  Insulation resistance: &gt; 500 MΩ  Protection contacts: 1.27 μm (50 μinches)  Voltage Rating: 75 VDC (maximum)</p> <p style="margin-left: 40px;">▪ <b>Wall Outlet/Face Plate:</b> <span style="float: right;"><b>Qty = 50 Nos</b></span></p> <p>86 x 86 faceplate range can be loaded with Cat-6 UTP I/O to provide the following configurations:</p> <ul style="list-style-type: none"> <li>• Single gang, 1 port</li> <li>• Single gang, 2 ports</li> </ul> <p><b>Specifications</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 60%;">Faceplates – size (h x w x d)</td> <td style="text-align: right;">Single gang – 86 x 86 x 10mm</td> </tr> <tr> <td>Material</td> <td style="text-align: right;">V0 – ABS</td> </tr> </table>	DC Resistance	max 9.38 Ω/100m	Resistance Unbalance	≤ 2 %	Insulation Resistance (500 V)	≥ 5000 M Ω/km	Mutual capacitance	nom. 5.1 nf / 100 m at 1 kHz	Test Voltage (DC, 1 min)	1 kV / 1m	Capacitance Unbalance (pair to ground)	max. 160 pf / 100 m at 1 kHz	VPN (nominal)	67%	Faceplates – size (h x w x d)	Single gang – 86 x 86 x 10mm	Material	V0 – ABS
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Material	V0 – ABS																			

		<p align="center">Colour <span style="float: right;">Bright white</span></p> <p>▪ <b>Patch Panel:</b> <span style="float: right;"><b>Qty = 12</b></span></p> <p>1U 19” panels must be available to take a minimum of 24 copper fully shuttered jacks. Other connection densities must be available: The panels must be designed for keystone fitting of the fully shuttered jacks/sockets. For efficiency of the termination and performance tool less terminate able keystone jacks must be used. The copper panel panels must have cable management and tie down points (where required) for copper cable. Panels must have the facility to label each fully shuttered socket/jack.</p> <p>▪ <b>Cable Manager / Cable Organizer: As per requirement</b></p> <p>1U 19” Cable Manager Should be capable of managing patch cords on any 19” Rack. It must be made of plastic and must have pass through holes that incorporate integral bend radius control as well as fingers with rounded edges.</p> <p>▪ <b>Patch Cords / Drop Cords: Qty =100 Nos (at least 1 mtr. length)</b></p> <p>Patch cables must be available in either LSOH or PVC jackets.100 Ohm RJ-45 copper patch cords shall be Category 6. The EMC level should also match – for UTP cables UTP patch cords should be use, for shielded systems shielded patch cords should be used. The copper patch cords must be made from stranded wires for full flexibility. They must comply with ISO 11801. The patch cords must be available in a range of lengths to facility easy patch cord management. The copper patch cords should never be hand punched; they should be of factory fitted RJ-45 connectors. The patch cords must be available in a range of lengths to facility easy patch cord management.</p> <p>▪ <b>System Tests:</b></p> <p>All permanent links shall be tested. Acceptance is in accordance with standard ISO11801: The horizontal copper cabling system must be tested in accordance with the procedure described below. Tests shall be performed using a level II field tester as defined in ISO/IEC 11801 – an automatic tester or scanner. The following parameters of the link shall be verified: Headroom report (The worst-case margin for a parameter determined by the selected standard (this may be NEXT, ACR, PSNEXT, or another measurement.)</p> <ul style="list-style-type: none"> <li>• Wire map</li> <li>• Resistance</li> <li>• Link length</li> <li>• Insertion loss</li> <li>• Return loss</li> <li>• Near end crosstalk (NEXT)</li> <li>• Power sum near end crosstalk (PSNEXT)</li> <li>• Equal level far end crosstalk (ELFEXT)</li> <li>• Power sum equal level far end crosstalk (PSELFEXT)</li> <li>• Attenuation to crosstalk ratio (ACR)</li> <li>• Power sum attenuation to crosstalk ratio (PS ACR)</li> </ul>
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		<ul style="list-style-type: none"> <li>• Delay Skew</li> <li>• Impedance</li> <li>• DC loop resistance</li> </ul> <p>The following shall also be confirmed</p> <ul style="list-style-type: none"> <li>• Continuity</li> <li>• The link length does not exceed the authorized maximum value,</li> <li>• Radius of curvature of the cables conforms to values in the design guide</li> <li>• Cable preparation and the assembly of the jacks is to the manufacturer’s instructions</li> <li>• Cable ties and confinement are tight enough without squeezing the cable</li> <li>• The insulation of the copper wires is continuous</li> <li>• The earthing and bonding of all metallic pathway systems is undertaken according to the installation specification.</li> <li>• The metal racking, distribution panels and patch panels are bonded at both ends</li> <li>• The metal continuity of the farms of the same distributor is carried out.</li> </ul> <p>All cables and cords, distribution frames and outlet locations must be labeled according to industry standards. Labels should be computer generated or typewritten.</p> <ul style="list-style-type: none"> <li>▪ <b>Duct/Ducting:</b></li> </ul> <p>Multiple sizes duct for cabling as per requirement.</p> <p><b>OFC Equipment with installation (Splicing / Testing)</b></p> <ul style="list-style-type: none"> <li>• <b>ODF:</b> Qty = 02 Nos Rack mounted loaded 24 port</li> <li>• <b>SFP</b> Qty = 30 Nos 1.2 5G 20 Km. Single Mode Dual Fiber</li> <li>• <b>SC/LC</b> Qty = 30 Nos 3 Mtrs Patch cord Single Mode</li> </ul> <p><b>Network Switch 48 port layer 3 manageable switch (Juniper): Qty = 02 Nos</b></p> <ul style="list-style-type: none"> <li>• 48-port 10/100/1000BASE-T</li> <li>• 4 x 1/10GbE SFP/SFP+ can be individually configured as Gbe or 10 Gbe ports, 2 x QSFP+ 40GbE uplinks</li> <li>• Redundant field replaceable power supplies, Redundant fans</li> <li>• Stackable up to 10 switches</li> <li>• DRAM: 2GB, Flash: 2GB, CPU: 1GHz</li> <li>• Port redundancy.</li> <li>• Switching capacity: 336 Gbps</li> <li>• MAC addresses: 32K</li> <li>• Jumbo frames: 9216 bytes</li> <li>• IPv4 unicast routes: 36K</li> <li>• IPv4 multicast routes: 4K</li> <li>• Number of VLANs: 4096</li> <li>• ARP entries: 16K</li> <li>• L2 and L3 Quality of Service (QoS)</li> <li>• Port based VLAN and MAC based VLAN</li> </ul>
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		<ul style="list-style-type: none"> <li>• VLAN tagging, VLAN stacking</li> <li>• Layer 2 protocol tunneling (L2PT)</li> <li>• MACsec, MVRP, LLDP, LACP</li> <li>• STP, MSTP, RSTP</li> <li>• Routing protocols: RIP v1/v2, OSPF v1/v2, BGP, IS-IS</li> <li>• BFD for RIP, OSPF, PIM,</li> <li>• Layer 3 redundancy, VRRP</li> <li>• Filter- based forwarding and unicast reverse-path forwarding</li> <li>• MAC limiting, DHCP snooping, Proxy ARP, Static ARP</li> <li>• Control plane DoS/DDoS protection</li> <li>• Link aggregation, LACP support</li> <li>• Number of LAGs: 128</li> <li>• Number of ports per LAG: 16</li> <li>• Non-stop routing, Non-stop software upgrade</li> <li>• IGMP v1/v2/v3, IGMP snooping, IGMP filter</li> <li>• VRF-Lite support for PIM and IBMP</li> <li>• ASCII configuration, Rescue configuration, configuration rollback</li> <li>• Wired assurance, Web interface</li> <li>• Real time performance monitoring, Remote monitoring</li> <li>• SNMP v1/v2/v3, NTP, Sntp</li> <li>• Traffic mirroring, Filter based mirroring, LAG port mirroring</li> <li>• Operating temperature: 32° to 113° F (0° to 45° C)</li> <li>• <b>3 year limited warranty</b></li> </ul> <p><b>24 port layer 3 manageable switch (Juniper) Qty = 12 Nos</b></p> <ul style="list-style-type: none"> <li>• 24-port 10/100/1000BASE-T</li> <li>• 4 x 1/10GbE SFP/SFP+ can be individually configured as Gbe or 10 Gbe ports, 2 x QSFP+ 40GbE uplinks</li> <li>• Redundant field replaceable power supplies, Redundant fans</li> <li>• Stackable up to 10 switches</li> <li>• DRAM: 2GB, Flash: 2GB, CPU: 1GHz</li> <li>• Port redundancy.</li> <li>• Switching capacity: 288 Gbps</li> <li>• MAC addresses: 32K</li> <li>• Jumbo frames: 9216 bytes</li> <li>• IPv4 unicast routes: 36K</li> <li>• IPv4 multicast routes: 4K</li> <li>• Number of VLANs: 4096</li> <li>• ARP entries: 16K</li> <li>• L2 and L3 Quality of Service (QoS)</li> <li>• Port based VLAN and MAC based VLAN</li> <li>• VLAN tagging, VLAN stacking</li> <li>• Layer 2 protocol tunneling (L2PT)</li> <li>• MAC sec, MVRP, LLDP, LACP</li> <li>• STP, MSTP, RSTP</li> <li>• Routing protocols: RIP v1/v2, OSPF v1/v2</li> </ul>
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**Procurement & Installation of IT Equipment/Computer Hardware, Licensed Software, Networking, Furniture and Misc. items of Plant & Machinery for Financial Year 2020-21**

		<ul style="list-style-type: none"> <li>• BFD for RIP, OSPF, PIM,</li> <li>• Layer 3 redundancy, VRRP</li> <li>• Filter- based forwarding and unicast reverse-path forwarding</li> <li>• MAC limiting, DHCP snooping, Proxy ARP, Static ARP</li> <li>• Control plane DoS/DDoS protection</li> <li>• Link aggregation, LACP support</li> <li>• Number of LAGs: 128</li> <li>• Number of ports per LAG: 16</li> <li>• Non-stop routing, Non-stop software upgrade</li> <li>• IGMP v1/v2/v3, IGMP snooping, IGMP filter</li> <li>• VRF-Lite support for PIM and IBMP</li> <li>• ASCII configuration, Rescue configuration, configuration rollback</li> <li>• Wired assurance, Web interface</li> <li>• Real time performance monitoring, Remote monitoring</li> <li>• SNMP v1/v2/v3, NTP, SNTP</li> <li>• Traffic mirroring, Filter based mirroring, LAG port mirroring</li> <li>• Operating temperature: 32° to 113° F (0° to 45° C)</li> <li>• <b>3 year limited warranty</b></li> </ul> <p><b>Note: Proposed equipment compatibility with existing networking equipment / NMS should be ensured.</b>  <b>Warranty: 3 Year Limited</b></p>
<b>LOT # 3: MISC. ITEMS</b>		
23	<b>Paper Shredder</b>	<p>Multiple Paper sheets, may handle staples and CDs            Sheet capacity: 18 to 20 Sheets            Shred size: Cross-cut 4 x 38mm            Paper throat width: 260mm            Shredder bin volume: 25L or more            Motor power: 250W  <b>OASTAR or Equivalent</b></p>
24	<b>Reversible AC</b>	<p>1.5 ton (1800 BTU)            Heat &amp; Cool Invertor AC  <b>ACSON or Equivalent</b></p>
25	<b>Fan Heaters</b>	<p>Thermostatic Control for Ease of Use            2 Heat Setting to Suite Different Temperature Requirements            Cooling Function for Added Versatility            80 Degree Rotating Function for Better Cool/Warm Air Circulation            Safety Tip Over Switch            Ceramic Heating Elements  <b>Black &amp; Decker or Equivalent</b></p>
26	<b>Furniture (Computer Table/Chairs)</b>	<p>Computer Table and Chair (both high quality and durable)            Table: made of durable material such as high density Super Sheesham veneer, etc.            Table: Size 20” x 42” (slight changes in size can be made), space for CPU, keyboard, mouse tray, cable holes.            Chair: Revolving, heavy duty steel structure            5-prong. Base, adjustable height, seating of fine quality fabric            With arms and comfortable back</p> <div style="display: flex; justify-content: flex-end; align-items: center;">   </div>

- Including installation, configuration and on-premises training.
- SLA for 3 years may also be signed with contract agreement (where applicable/ required).
- **Compliance Sheet:** Compliance to the above specification is mandatory. Compliance sheet must be provided by the bidder as per above list.



**Supply Schedule:**

**A) For supply of Goods:**

<b>Mode of Penalty</b>	<b>100% Quantity as per Purchase Order</b>	<b>Total Delivery Period</b>
Without penalty	08 Weeks (Maximum)	08 Weeks (Maximum)
With penalty @ 1.5% per week up to a maximum of 06% of the total Contract price.		

*Note: The total delivery period includes delivery to the Purchaser's end destination. Installation, commissioning, test-run, relevant staff training, and initial maintenance are NOT included in the delivery period.*

**b). Liquidated Damages / Penalty**

- i) Wherein the Supplier entirely fails to complete deliveries as per purchase order and within the stipulated time frame specified in the Schedule of Requirements, the Contract to the extent of non-delivered portion of supplies shall stand cancelled.
- ii) After the cancellation of the Contract no supplies shall be accepted and the amount of Performance Guarantee/ Security to the extent of non-delivered portion of supplies shall be forfeited.
- iii) If the Supplier fails to supply the whole consignment and not able to deliver to the destination, the entire amount of Performance Guarantee/ Security shall be forfeited to the Purchaser account and the firm shall be blacklisted minimum for two years for future participation.
- iv) The exact time frame for making supplies with and without penalty shall be indicated in subsequent purchase orders.
- v) In case of late delivery of goods beyond the periods specified in the Schedule of Requirements and subsequent purchase order, a penalty @ 1.5% per week of the cost of late delivered supply shall be imposed upon the Supplier to a maximum of 6% of the total Contract amount. Delay beyond 4 weeks from maximum specified delivery period may result in termination of the contract and initiation of other legal penalties.
- vi) Extension in the delivery period (if any) will be considered by the Purchaser on case to case basis and strictly in accordance with PPRA Rules.

**c) Incidental Services**

The bidders are required to either incorporate or quote separately the costs of following incidental services being part of the contract, if applicable.

- i) **Transportation:** Equipment and supplies will be delivered up to the place of installation / final destination by the bidder at his cost and mode of transportation including loading / unloading.
- ii) **Insurance:** All insurance charges will be borne by the supplier.
- iii) **Custom Clearance:** Equipment and supplies will be cleared (from airport/seaport) customs department by the supplier and charges/duty/taxes if any will be paid by the supplier.
- iv) **Installation:** Supplier will install the equipment at the designated place of work, free of charge, give test-run and if required, will impart on job training.
- v) **Test-Run/ Commissioning:** Equipment will be subjected to test-run after commissioning.
- vi) **Staff Training:** Where required, on job training to be provided to working staff on the equipment to be supplied / installed.
- vii) **Initial Maintenance:** Supplier will be responsible for initial maintenance of the equipment (repair and parts), for one complete year starting from the date of installation/test-run.
- viii) **Availability of Spare Parts and Consumables:** Supplier will guarantee through reliable means, acceptable to Purchaser, prompt and easy availability of spare parts & consumables for the period of Five years (apart from initial one year as in clause vii above), on reasonable rates.
- ix) **After Sales Service:** Supplier will provide free after sales service from trained and qualified technical staff, free of charge for one complete year (including one year with parts as mentioned above in clause(vii), after the date of installation / test-run.

**d) Warranty**

The supplier / original manufacturer will provide comprehensive warranty (on Judicial Paper) of free after sales service, maintenance, replacement of parts, and working of the equipment for one year from the date of supply. Post warranty maintenance contract for another two years, including after sales service with parts, rates (companies to offer percentage (%) of the contract value in the technical bid). Warranty and post warranty maintenance contract rate shall be acknowledged from the original manufacturer regardless of change of local authorized dealer.

**e) Additional instructions (If applicable)**

- i. Please clearly indicate the country of origin, wholly or parts, etc.
- ii. Indicate place/port of shipment.
- iii. Any state licensing or permission of export/sales/use requirements will be the responsibility of the supplier/manufacturer.
- iv. Complete literature on working, installation, circuiting, maintenance to be provided in English language, with the equipment.
- v. Training of working of the equipment and normal /minor repair, troubleshooting will be arranged by the supplier/ manufacturer, for Purchaser's staff, (Hardware/ Networking Engineers) at the purchaser's location, at the time of installation/ commissioning (for complex and high-tech equipment such as Mid-range Servers, SANs, etc.).

## **SECTION-IV**

### **STANDARD FORMS**

<b>TECH FORM 1:</b>	Technical Proposal Cover Letter
<b>TECH FORM 2:</b>	Bid Cover Sheet
<b>TECH FORM 3:</b>	Affidavit
<b>TECH FORM 4:</b>	Eligibility of the Bidders & Goods
<b>TECH FORM 5:</b>	Manufacturer/Distributor's Authorization
<b>TECH FORM 6:</b>	Summary of Similar Contracts/ Projects
<b>TECH FORM 7:</b>	CVs of Technical Resources
<b>FIN FORM 1:</b>	Financial Proposal Cover Letter
<b>FIN FORM 2:</b>	Price Schedule

## TECH FORM 1

### Technical Proposal Submission Form

[Location, Date]

To

Assistant Director (\_\_\_\_\_)

Strengthening of Ministry of Planning, Development & Reform in IT Project,  
Ministry of Planning, Development & Special Initiatives (MoPDSI), Islamabad

Dear Sir,

We, the undersigned, offer to provide the *(IT Equipment, Licensed Software & Misc. Items)*(Lot # \_\_ *insert lot number here*) in accordance with your Bid Document dated *\_(insert date)\_* and our Proposal. We are hereby submitting our Proposal, which includes the Technical Proposal and the Financial Proposal sealed in two separate envelopes.

We undertake, if our Proposal is accepted, to provide supply of items related to the assignment.

We also confirm that the Government of Pakistan / Provincial Government have not declared us ineligible on charges of engaging in corrupt, fraudulent, collusive or coercive practices. We furthermore, pledge not to indulge in such practices in competing for or in executing the Contract, and we are aware of the relevant provisions of the Bid Document.

We understand you are not bound to accept any Proposal you receive.

We remain,

Yours sincerely,

Authorized Signature  
(In full and initials)  
Name and Designation of Signatory  
Name of Firm  
Address

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**TECH FORM 2**

**BID COVER SHEET**

Bid Ref. No. -----

Date-----

Name of the Supplier/Firm Contractor: -----  
-----

Address:-----  
-----

E-mail: \_\_\_\_\_

Phone: \_\_\_\_\_

Facsimile: \_\_\_\_\_

Bid Security attached with Financial Bid                      YES                      NO

Bid for:

: All Items mentioned in the Schedule of Requirements – Lot # \_\_\_\_.

<i>S. No.<sup>1</sup></i>	<i>Name of the Item</i>

Signed:

Dated:

Official Stamp:

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<sup>1</sup>The Serial No. of the item as mentioned in the Technical Specifications.

## TECH FORM 3

### AFFIDAVIT

I/We, the undersigned solemnly state that:

- 1) We have read the contents of the Bidding Document and have fully understood it.
- 2) The Bid being submitted by the undersigned complies with the requirements enunciated in the bidding documents.
- 3) The Goods that we propose to supply under this contract are eligible goods within the meaning of Clause 4 of the ITB.
- 4) The undersigned are also eligible Bidders within the meaning of Clause 21 of the ITB of the Bidding Documents.
- 5) The undersigned are solvent and competent to undertake the subject contract under the Laws of Pakistan.
- 6) The undersigned have not paid nor have agreed to pay, any Commissions or Gratuities to any official or agent related to this bid or award or contract.
- 7) The undersigned are not blacklisted or facing debarment from any Government, or its organization or project.
- 8) The undersigned has no dispute anywhere in the province regarding supplies.
- 9) The undersigned agree to give warranty with repair and parts for 01 year and after sale service without parts for 02 years. (Total services for 03 years).

We affirm that the contents of this affidavit are correct to the best of our knowledge and belief.

Signed

**Note: The affidavit must be on judicial stamp paper of Rs. 50/- by the Executive of the Firm & attested by Oath Commissioner.**

## TECH FORM 4

Name of the Firm Bid  
Reference No:

Date of opening of Bid.

Lot Number: \_\_\_\_\_

Documentary Evidence: Eligibility of the Bidders and Goods

Required Documentation	Checklist  <i>(To be initialed by the Bidder against each document)</i>	Relevant Page Number in the Bid  <i>(To be filled by the Bidder)</i>	Supporting Documents  <i>(To be filled by the Bidder with name of the documents that are submitted to meet the requirement)</i>
<b>Column:1</b>	<b>Column:2</b>	<b>Column:3</b>	<b>Column:4</b>
Letter of Manufacturer's authorization			
Partnership Deed (where applicable)			
NTN Certificate			
GST Certificate			
Affidavit (Non Black Listed)			



## TECH FORM 5

### MANUFACTURER / DISTRIBUTOR'S/RESELLER AUTHORISATION<sup>1</sup>

**To:** *[Name & Address of the Procuring Agency]*

WHEREAS *[name of the Manufacturer]* who are established, reputable & successful in bidding process *[name and/or description of the goods]* having factories at *[address of factory]* do hereby authorize *[name and address of Supplier/ Agent]* to submit a bid, and subsequently negotiate and sign the Contract with you against the Invitation for Bids (IFB) No. *[Reference of the Invitation to Bid]* for the goods manufactured by us.

We hereby extend our full guarantee and warranty as per Clause 11 of the Instructions to the Bidders (ITB) Terms & Conditions for the goods offered for supply by the above firm against this Invitation for Bids.

Signature:-----.

Designation: -----

Official Stamp: -----

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<sup>1</sup> This letter of authority should be on the letterhead of the Manufacturer and should be signed by a person competent and having the power of attorney to bind the Manufacturer. It should be included by the Bidder in its bid.

**TECH FORM 6**

**Format for Summary of Similar Contracts (Completed & Ongoing)**

Name of Firm: \_\_\_\_\_

S#	Name of Contract	Location/Province/Country	Client with Address	Contract Cost (Rs. In Million)	Contract Duration		Completed as	Additional Information (if any)	Remarks
					Start Date	Completion Date	Single Firm or JV		
1	2	3	4	5	6	7	8	9	10

**TECH FORM 7**

**Format for CV-One Pager (Technical Resources)**

Name	
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**Procurement & Installation of IT Equipment/Computer Hardware, Licensed Software, Networking,  
Furniture and Misc. items of Plant & Machinery for Financial Year 2020-21**

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<b>Designation</b>	
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**Education**

<b>Degree</b>	<b>Year</b>	<b>Institution Name</b>	<b>Subject</b>

**Certifications/ Trainings:** *(copy of certificates to be attached)*

- 1.
- 2.

**Experience**

**Total IT Services Experience (Years):** \_\_\_\_\_

**Details of IT services Experience:**

<b>Company Name</b>	<b>Designation / Position</b>	<b>Experience Years / Months</b>

## FIN FORM 1

### Financial Proposal Submission Form (Part of Financial Bid Envelope)

[Location, Date]

To

Assistant Director (\_\_\_\_\_)

Strengthening of Ministry of Planning, Development & Reform in IT Project,

Ministry of Planning, Development & Special Initiatives (MoPDSI), Islamabad

Dear Sir,

We, the undersigned, offer to provide the (*IT Equipment, Licensed Software & Misc. Items*) (Lot # \_\_ *insert lot number here*) in accordance with your Bid Document dated \_(insert date)\_ and our Technical Proposal. Our attached Financial Proposal is for the sum of \_(insert amount in words and figures)\_. This amount is inclusive of all taxes and charges.

Our Financial Proposal shall be binding upon us subject to the modifications resulting from Contract negotiations, up to expiration of the validity period of the bid/ proposal.

We also declare that the Government of Pakistan or Provincial Governments have not declared us ineligible on charges of engaging in corrupt, fraudulent, collusive, or coercive practices. We furthermore, pledge not to indulge in such practices in competing for or in executing the Contract, and are aware of the relevant provisions of the Bid Document.

We understand you are not bound to accept any Proposal you receive.

Signed

In the capacity of:

Duly authorized to sign the proposal on behalf of the Applicant.

Date:

Authorized Signature

(In full and initials)

Name and Designation of Signatory

Name of Firm

Address

**FIN FORM 2**

**Price Schedule**  
(To be provided to the Procuring Entity)

*User Note: This form is to be filled by the Bidder and shall submit with Financial Proposal.*

Name of the Firm:

Bid. Ref. No:

Lot number: \_\_\_\_\_

Date of opening of Bid.

S. No.	Name of the Item	No. of Units	Unit Price	Total Value	Applicable Taxes	Total Price (Inclusive of all taxes)
1	2	3	4	5	6	7
				3*4		5+6
1						
2						
3						
4						
	<b>GRAND TOTAL:</b>					

A) FINAL TOTAL PRICE: -----  
(Both in figures and words)

Signature: -----

Designation: -----

Date: -----

Official Stamp: -----

**SECTION-V**

**Eligible Countries**

## **Section V: Eligible Countries**

### **Country Eligibility for the Provision of Goods, Works and Services**

As an exception, firms of a Country or goods manufactured in a Country may be excluded if:

- 1) As a matter of law or official regulation, **the Purchaser's Country prohibits commercial relations with that Country**, provided that the Procuring Entity is satisfied that such exclusion does not preclude effective competition for the supply of the Goods or Works required, or
- 2) By an Act of Compliance with a Decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Purchaser's Country prohibits any import of goods from that Country or any payments to persons or entities in that Country.
- 3) For the information of Purchasers and bidders, at the present time firms, goods and services from the *following countries are excluded* from this bidding:
  - **Israel**
  - **India**
- 4) The bidder shall provide all the store / items mentioned in BOQ of Made in Pakistan "or" otherwise mentioned the country of origin (Country of Manufacture) of the offered / quoted equipment & all allied accessories. Equipment or any of its unit components quoted by the bidders must not be manufactured in Israel or India. Furthermore, the Bidder / Principal must not have any linkages with Israel or India regarding ownership, sponsoring and financing. In case any item may not confirm its country of origin, the bidder will provide the relevant documents to confirm the make and manufacturer. (if any item during course of execution may not confirm about its make then bidder shall provide an affidavit in this regard).
- 5) The bidder shall provide Undertaking of no business relations, manufacture, technical assistance etc. from Israel & India pertaining.