

Bid Document

Bid Details	
Bid End Date/Time	03-03-2021 11:00:00
Bid Opening Date/Time	03-03-2021 11:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Power
Department Name	Contracts And Materials
Organisation Name	Power System Operation Corporation Limited
Office Name	Corporate Center
Total Quantity	25
Item Category	HCI Solution Type-I for Data Centre , HCI Solution Type-II for Data Centre , Internet Router for Data Centre & Disaster Recovery , Core switch for Data Centre , MZ & DMZ Switch for Data Centre & Disaster Recovery , Access Switch Type-I for Data Centre , Access Switch Type-II for Data Centre , NGFW perimeter Firewall & Multi Factor Authentication for Data Centre , APT for Data Centre , Backup Solution for Data Centre , File sharing Software for Data Centre , HIPS Solution for Servers for Data Centre & Disaster Recovery , End Point Security (EPS) for Data Centre , Microsoft Datacentre (for at-least 100 VMs on each of the proposed HCI solution) for DC & DR , Server Panel with KVM Switch for Data Centre & Disaster Recovery , HCI Solution for Disaster Recovery , Rack Server for Disaster Recovery , Perimeter Firewall (NGF) & Multi Factor Authentication for Disaster Recovery , Core Switch for Disaster Recovery site , Network Access Control for Data Centre , NMS for Data Centre , Internal Firewall for Disaster Recovery , Email Security Solution for Disaster Recovery , Transport, Insurance, Installation and Configuration of proposed solution of DC & DR , Maintenance Support and cost of Qualified On-site Resident Engineer for DC-DR
Bidder Turnover (Last 3 Years)	727 Lakh (s)
Experience Criteria	3 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No

Bid Details	
Document required from seller	Experience Criteria,Bidder Turnover,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	No
Primary product category	Maintenance Support and cost of Qualified On-site Resident Engineer for DC-DR
Time allowed for Technical Clarifications during technical evaluation	7 Days
Inspection Required	No
Evaluation Method	Total value wise evaluation

EMD Detail

Required	No
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ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	62

(a). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

Manager
Corporate Center, Contracts and Materials, Power System Operation Corporation Limited, Ministry of Power
(Abhineet Kumar)

Splitting

Bid splitting not applied.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

HCI Solution Type-I For Data Centre (1 set)

Technical Specifications

Buyer Specification Document [Download](#)

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Harish Kumar Rathour	110016,Power System Operation Corporation Limited, B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi	1	56

HCI Solution Type-II For Data Centre (1 set)

Technical Specifications

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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Harish Kumar Rathour	110016,Power System Operation Corporation Limited, B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi	1	56

Internet Router For Data Centre & Disaster Recovery (1 pieces)

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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Harish Kumar Rathour	110016,Power System Operation Corporation Limited, B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi	1	56

Core Switch For Data Centre (1 pieces)

Technical Specifications

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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Harish Kumar Rathour	110016,Power System Operation Corporation Limited, B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi	1	56

MZ & DMZ Switch For Data Centre & Disaster Recovery (1 pieces)

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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Harish Kumar Rathour	110016,Power System Operation Corporation Limited, B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi	1	56

Access Switch Type-I For Data Centre (1 pieces)

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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Harish Kumar Rathour	110016,Power System Operation Corporation Limited, B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi	1	56

Access Switch Type-II For Data Centre (1 pieces)

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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
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S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Harish Kumar Rathour	110016,Power System Operation Corporation Limited, B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi	1	56

NGFW Perimeter Firewall & Multi Factor Authentication For Data Centre (1 set)

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1	Harish Kumar Rathour	110016,Power System Operation Corporation Limited, B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi	1	56

APT For Data Centre (1 pieces)

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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Harish Kumar Rathour	110016,Power System Operation Corporation Limited, B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi	1	56

Backup Solution For Data Centre (1 set)

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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
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S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Harish Kumar Rathour	110016,Power System Operation Corporation Limited, B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi	1	56

File Sharing Software For Data Centre (1 set)

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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Harish Kumar Rathour	110016,Power System Operation Corporation Limited, B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi	1	56

HIPS Solution For Servers For Data Centre & Disaster Recovery (1 set)

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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Harish Kumar Rathour	110016,Power System Operation Corporation Limited, B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi	1	56

End Point Security (EPS) For Data Centre (1 set)

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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
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S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Harish Kumar Rathour	110016,Power System Operation Corporation Limited, B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi	1	56

Microsoft Datacentre (for At-least 100 VMs On Each Of The Proposed HCI Solution) For DC & DR (1 set)

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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Harish Kumar Rathour	110016,Power System Operation Corporation Limited, B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi	1	56

Server Panel With KVM Switch For Data Centre & Disaster Recovery (1 set)

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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Harish Kumar Rathour	110016,Power System Operation Corporation Limited, B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi	1	56

HCI Solution For Disaster Recovery (1 set)

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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
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S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Harish Kumar Rathour	110016,Power System Operation Corporation Limited, B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi	1	56

Rack Server For Disaster Recovery (1 set)

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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Harish Kumar Rathour	110016,Power System Operation Corporation Limited, B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi	1	56

Perimeter Firewall (NGF) & Multi Factor Authentication For Disaster Recovery (1 set)

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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Harish Kumar Rathour	110016,Power System Operation Corporation Limited, B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi	1	56

Core Switch For Disaster Recovery Site (1 set)

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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
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S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Harish Kumar Rathour	110016,Power System Operation Corporation Limited, B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi	1	56

Network Access Control For Data Centre (1 set)

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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Harish Kumar Rathour	110016,Power System Operation Corporation Limited, B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi	1	56

NMS For Data Centre (1 set)

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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Harish Kumar Rathour	110016,Power System Operation Corporation Limited, B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi	1	56

Internal Firewall For Disaster Recovery (1 set)

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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
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S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Harish Kumar Rathour	110016,Power System Operation Corporation Limited, B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi	1	56

Email Security Solution For Disaster Recovery (1 set)

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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Harish Kumar Rathour	110016,Power System Operation Corporation Limited, B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi	1	56

Transport, Insurance, Installation And Configuration Of Proposed Solution Of DC & DR (1 set)

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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Harish Kumar Rathour	110016,Power System Operation Corporation Limited, B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi	1	98

Maintenance Support And Cost Of Qualified On-site Resident Engineer For DC-DR (1 set)

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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Harish Kumar Rathour	110016,Power System Operation Corporation Limited, B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi	1	180

Buyer added Bid Specific Additional Scope of Work

S.No.	Document Title	Description	Applicable i.r.o. Items
1	Bid Document View	Special Conditions of Contract, Instruction to Bidders & General Conditions of Contract	HCI Solution Type-I For Data Centre(1),HCI Solution Type-II For Data Centre(1),Internet Router For Data Centre & Disaster Recovery(1),Core Switch For Data Centre(1),MZ & DMZ Switch For Data Centre & Disaster Recovery(1),Access Switch Type-I For Data Centre(1),Access Switch Type-II For Data Centre(1),NGFW Perimeter Firewall & Multi Factor Authentication For Data Centre(1),APT For Data Centre(1),Backup Solution For Data Centre(1),File Sharing Software For Data Centre(1),HIPS Solution For Servers For Data Centre & Disaster Recovery(1),End Point Security (EPS) For Data Centre(1),Microsoft Datacentre (for At-least 100 VMs On Each Of The Proposed HCI Solution) For DC & DR(1),Server Panel With KVM Switch For Data Centre & Disaster Recovery(1),HCI Solution For Disaster Recovery(1),Rack Server For Disaster Recovery(1),Perimeter Firewall (NGF) & Multi Factor Authentication For Disaster Recovery(1),Core Switch For Disaster Recovery Site(1),Network Access Control For Data Centre(1),NMS For Data Centre(1),Internal Firewall For Disaster Recovery(1),Email Security Solution For Disaster Recovery(1),Transport, Insurance, Installation And Configuration Of Proposed Solution Of DC & DR(1),Maintenance Support And Cost Of Qualified On-site Resident Engineer For DC-DR(1)

The uploaded document only contains Buyer specific Additional Scope of Work and / or Drawings for the bid items added with due approval of Buyer's competent authority. Buyer has certified that these additional scope and drawings are

generalized and would not lead to any restrictive bidding.

Bid Specific Additional Terms and Conditions

1. Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address For Data Centre:- National Load Despatch Centre B-9, Qutab Institutional area, Katwaria Sarai, New Delhi-110016 For Disaster Recovery :- Eastern Regional Load Despatch Centre 14, Golf Club Road, Tollygunge, Kolkata- 700033 NA NA NA.
2. **Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.
3. Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.
4. Experience Criteria: The Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for 3 years before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the primary product having highest value should meet this criterion.
5. Malicious Code Certificate:

The seller should upload following certificate in the bid:-

(a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedures to :-

- (i) Inhibit the desires and designed function of the equipment.
- (ii) Cause physical damage to the user or equipment during the exploitation.
- (iii) Tap information resident or transient in the equipment/network.

(b) The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code in embedded software.

6. Installation, Commissioning, Testing, Configuration, Training (if any - which ever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller.
7. **OPTIONAL SITE VISIT:**
 1. The Bidder is advised to visit and examine the installation site and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the Bid. The costs of visiting the site shall be borne by the Bidder. Yes
 2. The Bidder representative shall be allowed entry upon consignee premises for such visits, only upon the express conditions that the Bidder will release and indemnify the Buyer and Consignee against all liabilities arising out of such visit including death or injury, loss or damage to property, and any other loss, damage, costs, and expenses incurred as a result of such visit.
 3. The Bidder shall not be entitled to hold any claim against Buyer for noncompliance due to lack of any kind of pre-requisite information as it is the sole responsibility of the Bidder to obtain all the necessary information with regard to site, surrounding, working conditions, weather etc. on its own before submission of the bid.
8. Scope of supply includes Training: Number of employees to be trained 4 , Place for Training Delhi and Duration of training 10 days.
9. Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.
10. **Upload Manufacturer authorization:** Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.
11.
 1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
 2. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.
 3. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due

performance of the Contract and the Sellers obligations there under.

12. Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
13. Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
14. IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
15. Indian suppliers of this item are not allowed to participate and/ or compete in procurement by some foreign governments. Bidders / products from such countries are not eligible / not allowed to participate in this bid in terms of clause 1 (d) of Public Procurement (Preference to Make in India) Order, 2017
16. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
17. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
18. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
19. 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.
20. 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.
21. Commercial Experience Eligibility Criteria:

For experience, the order(s) executed by the bidder, during the last five years ending on the last day of the month immediately preceding the month in which the last date of bid submission falls, should be considered as under:

Three orders each executed for similar item(such as such as Servers, Backup Solution, Network components, security devices, virtualisation software's etc) where executed value is not less than the amount equal to 30% of the estimated cost.(i.e Rs. 43600000)

OR

Two orders each executed for similar item(such as such as Servers, Backup Solution, Network components, security devices, virtualisation software's etc) where executed value is not less than the amount equal to 40% of the estimated cost.(i.e Rs. 58200000)

OR

One order executed for similar item(such as such as Servers, Backup Solution, Network components, security devices, virtualisation software's etc) where executed value is not less than the amount equal to 50% of the estimated cost.(i.e Rs. 72700000)

The last date of order execution may fall in the above mentioned period.

22. For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:
 - a. Purchase Order copy along with Invoice(s) with self-certification by the bidder that supplies against the invoices have been executed.
 - b. Execution certificate by client with order value.
 - c. Any other document in support of order execution like Third Party Inspection release note, etc.

[This Bid is also governed by 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.

---Thank You---