

Bid Document

Bid Details	
Bid End Date/Time	16-02-2021 15:00:00
Bid Opening Date/Time	16-02-2021 15:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Heavy Industries And Public Enterprises
Department Name	Department Of Heavy Industry
Organisation Name	Bharat Heavy Electricals Limited (bhel)
Office Name	10380038-heavy Plates & Vessels Plant
Total Quantity	3600
Item Category	Electrodes for manual metal arc welding of Carbon and Carbon Manganese steel - as per IS 814
Experience Criteria	3 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,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	Yes
Primary product category	Electrodes for manual metal arc welding of Carbon and Carbon Manganese steel - as per IS 814
Time allowed for Technical Clarifications during technical evaluation	2 Days
Inspection Required	Yes
Inspection to be carried out by Buyers own empanelled agency	Yes
Type Of Inspection	Stage-wise Inspection
Name of the Empanelled Inspection Agency/ Authority	Board of Officers
Quality Assurance Plan document	1612524847.pdf
Estimated Bid Value	1902363.255
Evaluation Method	Total value wise evaluation

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

MII Purchase Preference

MII Purchase Preference	Yes
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MSE Purchase Preference

MSE Purchase Preference	Yes
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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.

2. Preference to Make In India products (For bids < 200 Crore): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

3. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY.

Electrodes For Manual Metal Arc Welding Of Carbon And Carbon Manganese Steel - As Per IS 814 (1964 packet)

(Minimum 50% Local content required for MII compliance)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Standard Parameters	BIS Marked	Yes Or higher
Performance Parameters	Type of covering provided with designation letter	Basic-B
	Ultimate tensile strength (UTS) in combination with the yield stress of the weld metal deposited in Mpa with designation digit	5 for 511-610 Mpa UTS with 400 Mpa Yield stress
	Welding current and voltage condition with designation digit	4 for positive polarity or negative polarity with 70 V
	Welding positions for metal arc welding with designation digit	1 for All positions
	Diffusible hydrogen in ml/100 gram as per IS 11802	Up to 5 ml diffusible hydrogen (H3)
	Increased Metal recovery in percentage with designation letter	J for 110-129 %
	Size of electrode core wire in mm with tolerance $\pm 1/20$ mm	3.15
	Length of electrode in mm with ± 3 mm tolerance	450
	Electrode bare length in mm	15 to 30 mm (for 1.6 to 3.15 mm electrode size)
	Number of Electrodes in per packet	100
	The Packings should be suitable to ensure that under normal store room conditions, the electrodes should capable of giving results in accordance with the provisions of standard for a period of 6 months after the receipt of material by consignee	Yes

Additional Specification Parameters - Electrodes For Manual Metal Arc Welding Of Carbon And Carbon Manganese Steel - As Per IS 814 (1964 packet)

Specification Parameter Name	Bid Requirement (Allowed Values)
TDC01	'BRAND NAME' (to be specified) FLUX COATED STICK ELECTRODES OF CARBON STEEL FOR SHIELDED METAL ARC WELDING CONFIRMING TO ASME SEC-II PART-C 2019 SFA 5.1 E7018 SPECIFICATION AND NACE REQUIREMENTS AS MENTIONED IN THE TECHNICAL DELIVERY CONDITIONS. REFER TDC NO. WE7018N REV.04 [ATTACHED AT QUALITY ASSURENCE PLAN] REFER ANNEXURE-1 FOR PRE QUALIFICATION CRITERIA FOR E7018(N)[ATTACHED AT QUALITY ASSURENCE PLAN]]
TDC02	The base metal for weld test assembly and testing procedure to be employed for verifying compliance to section (B) of this TDC document shall be as specified in ASME SEC II Part "C"(Latest Edition and Addenda) SFA 5.1, E7018 and as per NACE-TM-02-84, NACE TM 0177 & NACE SP0472 standard requirements FOR MORE DETAIL PL. REFER TDC NO. WE7018N REV.04 [ATTACHED AT QUALITY ASSURENCE PLAN]]

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Indana Maria Joji Prasad	530012,Bharat Heavy Electricals Limited Heavy Plates and Vessels Plant (A Government of India Enterprise) Visakhapatnam – 530012 (AP), India.	1964	60

Electrodes For Manual Metal Arc Welding Of Carbon And Carbon Manganese Steel - As Per IS 814 (940 packet)

(Minimum 50% Local content required for MII compliance)

Technical Specifications[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Standard Parameters	BIS Marked	Yes Or higher
Performance Parameters	Type of covering provided with designation letter	Basic-B
	Ultimate tensile strength (UTS) in combination with the yield stress of the weld metal deposited in Mpa with designation digit	5 for 511-610 Mpa UTS with 400 Mpa Yield stress
	Welding current and voltage condition with designation digit	4 for positive polarity or negative polarity with 70 V
	Welding positions for metal arc welding with designation digit	1 for All positions
	Diffusible hydrogen in ml/100 gram as per IS 11802	Up to 5 ml diffusible hydrogen (H3)
	Increased Metal recovery in percentage with designation letter	J for 110-129 %
	Size of electrode core wire in mm with tolerance $\pm 1/20$ mm	4.0
	Length of electrode in mm with ± 3 mm tolerance	450
	Electrode bare length in mm	20 to 40 mm (for 4.0 to 8.0 mm electrode size)
	Number of Electrodes in per packet	100
	The Packings should be suitable to ensure that under normal store room conditions, the electrodes should capable of giving results in accordance with the provisions of standard for a period of 6 months after the receipt of material by consignee	Yes

Additional Specification Parameters - Electrodes For Manual Metal Arc Welding Of Carbon And Carbon Manganese Steel - As Per IS 814 (940 packet)

Specification Parameter Name	Bid Requirement (Allowed Values)
TDC01	'BRAND NAME' (to be specified) FLUX COATED STICK ELECTRODES OF CARBON STEEL FOR SHIELDED METAL ARC WELDING CONFIRMING TO ASME SEC-II PART-C 2019 SFA 5.1 E7018 SPECIFICATION AND NACE REQUIREMENTS AS MENTIONED IN THE TECHNICAL DELIVERY CONDITIONS. REFER TDC NO. WE7018N REV.04 [ENCLOSED AT QUALITY ASSURANCE PLAN] REFER ANNEXURE-1 FOR PRE QUALIFICATION CRITERIA FOR E7018(N)[ENCLOSED AT QUALITY ASSURANCE PLAN]
TDC02	The base metal for weld test assembly and testing procedure to be employed for verifying compliance to section (B) of this TDC document shall be as specified in ASME SEC II Part "C"(Latest Edition and Addenda) SFA 5.1, E7018 and as per NACE-TM-02-84, NACE TM 0177 & NACE SP0472 standard requirements FOR MORE DETAIL PL. REFER TDC NO. WE7018N REV.04 [ENCLOSED AT QUALITY ASSURANCE PLAN]

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Indana Maria Joji Prasad	530012,Bharat Heavy Electricals Limited Heavy Plates and Vessels Plant (A Government of India Enterprise) Visakhapatnam - 530012 (AP), India.	940	60

Electrodes For Manual Metal Arc Welding Of Carbon And Carbon Manganese Steel - As Per IS 814 (696 packet)

(Minimum 50% Local content required for MII compliance)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Standard Parameters	BIS Marked	Yes Or higher
Performance Parameters	Type of covering provided with designation letter	Basic-B
	Ultimate tensile strength (UTS) in combination with the yield stress of the weld metal deposited in Mpa with designation digit	5 for 511-610 Mpa UTS with 400 Mpa Yield stress
	Welding current and voltage condition with designation digit	4 for positive polarity or negative polarity with 70 V
	Welding positions for metal arc welding with designation digit	1 for All positions
	Diffusible hydrogen in ml/100 gram as per IS 11802	Up to 5 ml diffusible hydrogen (H3)

Increased Metal recovery in percentage with designation letter	J for 110-129 %
Size of electrode core wire in mm with tolerance $\pm 1/20$ mm	5.0
Length of electrode in mm with ± 3 mm tolerance	450
Electrode bare length in mm	20 to 40 mm (for 4.0 to 8.0 mm electrode size)
Number of Electrodes in per packet	50
The Packings should be suitable to ensure that under normal store room conditions, the electrodes should capable of giving results in accordance with the provisions of standard for a period of 6 months after the receipt of material by consignee	Yes

Additional Specification Parameters - Electrodes For Manual Metal Arc Welding Of Carbon And Carbon Manganese Steel - As Per IS 814 (696 packet)

Specification Parameter Name	Bid Requirement (Allowed Values)
TDC01	'BRAND NAME' (to be specified) FLUX COATED STICK ELECTRODES OF CARBON STEEL FOR SHIELDED METAL ARC WELDING CONFIRMING TO ASME SEC-II PART-C 2019 SFA 5.1 E7018 SPECIFICATION AND NACE REQUIREMENTS AS MENTIONED IN THE TECHNICAL DELIVERY CONDITIONS. REFER TDC NO. WE7018N REV.04 [ENCLOSED AT QUALITY ASSURANCE PLAN] REFER ANNEXURE-1 FOR PRE QUALIFICATION CRITERIA FOR E7018(N)[ENCLOSED AT QUALITY ASSURANCE PLAN]
TDC02	The base metal for weld test assembly and testing procedure to be employed for verifying compliance to section (B) of this TDC document shall be as specified in ASME SEC II Part "C"(Latest Edition and Addenda) SFA 5.1, E7018 and as per NACE-TM-02-84, NACE TM 0177 & NACE SP0472 standard requirements FOR MORE DETAIL PL. REFER TDC NO. WE7018N REV.04 [ENCLOSED AT QUALITY ASSURANCE PLAN]

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Indana Maria Joji Prasad	530012,Bharat Heavy Electricals Limited Heavy Plates and Vessels Plant (A Government of India Enterprise) Visakhapatnam – 530012 (AP), India.	696	60

Bid Specific Additional Terms and Conditions

1.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 %.

2.Bidder shall submit the following documents along with their bid for Vendor Code Creation:

- a. Copy of PAN Card.
 - b. Copy of GSTIN.
 - c. Copy of Cancelled Cheque.
 - d. Copy of EFT Mandate duly certified by Bank.
3. 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.
 4. OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.
 5. Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.
 6. Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:
 - i) The Seller fails to comply with any material term of the Contract.
 - ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
 - iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
 - iv) The Seller becomes bankrupt or goes into liquidation.
 - v) The Seller makes a general assignment for the benefit of creditors.
 - vi) A receiver is appointed for any substantial property owned by the Seller.
 - vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.
 7. While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.
 8. Scope of supply (Bid price to include all cost components) : Only supply of Goods
 9. Bid reserved for Make In India products: Procurement under this bid is reserved for purchase from Class 1 local suppliers as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a class 1 local supplier is denoted in the bid document 50%. All bidders must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which the bid is liable to be rejected. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in-India) order 2017 dated 04.06.2020 . In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
 10. 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
 11. Procurement under this bid is reserved for purchase from Micro and Small Enterprises whose credentials are validated online through Udyog Aadhaar for that product category. If the bidder wants to avail the reservation benefit, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service.
 12. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 25% of total value.
 13. Preference to Make In India products (For bids less than 200 Crore): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document 50%. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with

their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

14. Preference to Make In India products (for bids greater than 200 Crore) (can also be used in Bids less than 200 Crore but only after exemption by competent authority as defined in Deptt of Expenditure OM dated 28.5.2020): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document 50%. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

15. Purchase Preference linked with Local Content (PP-LC) Policy:

The bid clause regarding "Preference to Make In India products" stands modified in this bid and shall be governed by the PPLC Policy No. FP-20013/2/2017-FP-PNG dated 17.09.2020 issued by MoP&NG as amended up to date. Accordingly, bidders with Local Content less than or equal to 20% will be treated as "Non Local Supplier". The prescribed LC shall be applicable on the date of Bid opening. Sanctions on the bidders for false / wrong declaration or not fulfilling the Local Content requirement shall be as per the PPLC policy. Further following additional provisions are added in the certification and verification of local content provision of the Preference to Make in India clause:

(i) In case of foreign bidder, certificate from the statutory auditor or cost auditor of their own office or subsidiary in India giving the percentage of local content is also acceptable. In case office or subsidiary in India does not exist or Indian office/subsidiary is not required to appoint statutory auditor or cost auditor, certificate from practicing cost accountant or practicing chartered accountant giving the percentage of local content is also acceptable.

(ii) Along with Each Invoice: The local content certificate (issued by statutory auditor on behalf of procuring company) shall be submitted along with each invoice raised. However, the % of local content may vary with each invoice while maintaining the overall % of local content for the total work/purchase of the pro-rata local content requirement. In case, it is not satisfied cumulatively in the invoices raised up to that stage, the supplier shall indicate how the local content requirement would be met in the subsequent stages.

(iii) The bidder shall submit an undertaking from the authorized signatory of bidder having the Power of Attorney along with the bid stating the bidder meets the mandatory minimum LC requirement and such undertaking shall become a part of the contract.

16. **Nominated Inspection Agency:** On behalf of the Buyer organization, any one of the following Inspection Agency would be conducting inspection of stores before acceptance:
Pre-dispatch Inspection at Seller Premises (applicable only if pre-dispatch inspection clause has been selected in ATC): AS PER TDC
Post Receipt Inspection at consignee site before acceptance of stores: BHEL

17. 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.
18. ISO 9001: The bidder or the OEM of the offered products must have ISO 9001 certification.
19. Material Test Certificate Should Be Sent Along with The Supply. The Material Will Be Checked by Buyer's Lab & the Results of the Lab will be the Sole Criteria for Acceptance of the Item.
20. Warranty period of the supplied products shall be 2 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.
21. 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---