

**NATIONAL CAPITAL REGION TRANSPORT CORPORATION LIMITED
(A JV of Government of India and participating State Governments)**



Expression of Interest (EOI)

**Indigenous Development
of
Platform Screen Doors (PSD)**

No. NCRTC/Procurement Cell/Empanelment

08 July, 2020

National Capital Region Transport Corporation Ltd. (NCRTC) invites Expression of Interest (EOI) for indigenous development of Platform Screen Doors (PSD). The terms and conditions and other requirements for the process of selection are attached. Eligible Research Institutions, Central/State PSUs of India, Corporates and OEMs may send their application to:

**Group General Manager /Procurement
National Capital Region Transport Corporation Ltd.
7/6, Siri Fort Institutional Area,
August Kranti Marg,
New Delhi – 110049
Tel : +91-11-41066943
Fax : +91-11-41066953**

The last date for receipt of such application with supporting documents is 14.08.2020 at 15:00 Hrs through online submission at the email id procurementcell@ncrtc.in.

Application for EOI at NCRTC does not confer any right/assurance whatsoever that the applicant will be called for next stage of selection process of NCRTC. Letters to the applicants confirming their eligibility for participation in the next stage of selection process will be issued by NCRTC separately.

**Group General Manager /Procurement
National Capital Region Transport Corporation Ltd.**

Terms and conditions for EOI for indigenous development of Platform Screen Door (PSD)

- 1. Introduction:** National Capital Region Transport Corporation (NCRTC) is seeking partnership with manufacturers of Platform Screen Doors (PSD) or components thereof, interested in establishing manufacturing units in India for used in Metro/ RRTS/High speed/main line Railways
- 2. Background:** National Capital Region Transport Corporation (NCRTC) is a joint venture company of Government of India and States of Delhi, Haryana, Rajasthan and Uttar Pradesh, and under the administrative control of Ministry of Housing and Urban Affairs. It is mandated to implement and operate the Regional Rapid Transit System (RRTS) across the National Capital Region (NCR) of India, leading to a balanced and sustainable urban development through better connectivity and access across the region.

The Covid-19 pandemic is having a major impact on all economic activities, including manufacturing in most parts of the world. Supply chain disruptions in many sectors have been witnessed, the results of which shall become more pronounced in future. For a world that must quickly come to terms with the new normal, it is imperative that manufacturing activities are quickly resumed and ramped up, which would help in restoration of normalcy and in avoiding shortages that may adversely affect international economic recovery. A key lesson for businesses, emerging from the Covid-19 aftermath, is that the decentralizing of manufacturing will have to be adopted as a major strategy to mitigate disruption risks associated with concentrated and localized operations.

India, being one of the fastest growing economies in the world, offers a wide range of opportunities for investment and adoption of new technologies as well as markets for their absorption. Government of India envisions India as a key engine of global growth and is putting in place various supporting initiatives to make India a US\$ 5 trillion economy. *Atma Nirbhar Bharat*, or self-reliant India, shall be one of the important pillars in realising this aim.

NCRTC has planned its journey of project implementation by bringing technologies that are not yet available within the country. All attempts are being made towards the aim of *Atma Nirbhar Bharat* by adopting Make in India in its true spirit. Going a step further, NCRTC has assumed the responsibility of bringing the technology of manufacturing PSD in India. There exists huge demand for affordable locally produced PSD in upcoming Metro/RRTS and High-Speed Rail system in India. There is also requirement for retrofit works in existing Metro systems for ensuring passenger safety. NCRTC would like to take initiative in promoting long term partnerships in localization and manufacturing PSD with prospective partners.

- 3. Objective:** NCRTC is actively seeking long term partnership from PSD/PSD component manufacturers, with the common objective of developing, manufacturing, and commissioning PSD system and interface with Train Control system (Wired and Wireless).

The first common objective of the parties (NCRTC and the selected party(ies)) would be to undertake indigenous development of PSD as per international standards compatible with different Train Control systems of Metro/ RRTS/High speed/ main line Railway systems. Development in this context would include design, prototype manufacturing, testing and validation of PSD system to specified standards.

As a second common objective, the parties, in partnership, shall take orders from different Rail Based systems in India and abroad to execute PSD works through indigenously manufactured PSD system.

- 4. Partnership:** The partnership with the selected prospective partner will be entered into through a selection process from the interested parties for this project.

The partnership will include the following:

1. Preparation of overall design of PSD system
2. Making available other electromechanical components required for Platform Screen Doors locally.
3. Preparing overall structural design and local manufacture of the structural part of PSD.
4. Obtaining product certification

Research Institutions, PSUs, Corporate and International OEMs meeting requisite quality and safety requirement of a PSD system are invited to express their interest for the above initiative.

- 5. Nature of partnership:** NCRTC is open for partnerships with prospective partner(s) through a range of cooperation modes including but not limited to the following:

- a. Joint ventures
- b. Joint manufacturing
- c. Technology licensing
- d. Knowhow transfer

Parties found suitable in the first stage of selection process of the EOI, will be called for next stage of selection process of NCRTC. Manufacturing Association Agreement (MAA) will be signed with the selected prospective partner through the second stage selection process from the shortlisted parties for an initial period of 5 years which may be suitably extended based on mutual agreement.

6. Other terms

i) The Parties understand and agree that this association in the form of MAA is not intended to create exclusive or binding obligations between the Parties and each Party is free to enter into a separate agreement with any other entity. However, the intellectual property/design/data generated during the partnership under this MAA shall be kept confidential during the term of MAA and shall be governed by agreed upon terms after the dissolution of the MAA.

ii) NCRTC may select one or more strategic partners and may sign MAA with respective partners accordingly.

iii) NCRTC reserves the right to accept or reject any EOI and to annul the EOI Process and reject all EOIs at any time without any liability or any obligation for such acceptance, rejection or annulment and without assigning any reasons, thereof.

iv) The EOI process shall be governed by, and construed in accordance with, the laws of India and the Courts at New Delhi (India) shall have exclusive jurisdiction over all disputes arising under, pursuant to and / or in connection with this EOI process.

v) Interaction with the prospective agencies will be held through video conference (VC) on 22nd July 2020 at 15:00 hrs. Interested agencies may send their willingness through email at procurementcell@ncrtc.in by 17:00 Hrs on 21st July 2020 with complete details as the name of the organization, name of the person to attend the VC along with the mobile numbers and email ids so as the link for the VC is forwarded to that ID.

vi) EOI response, duly filled in English language and signed and stamped on each page along with requisite documents may be submitted within stipulated timeline of 14th August 2020 (Friday, 15:00Hrs.) through e-Mail.

vii)EOI should be sent in PDF format and password protected file. Password shall be shared with NCRTC after 14th August 2020 (Friday, 15:00Hrs.) at NCRTC request to the contact person mentioned in this EOI. While furnishing the offer through email, the details of authorized person including name, designation, phone no. and email id should be mentioned clearly in the email for obtaining password.

7. Brief of credentials to be submitted:

a. Experience of production of end to end solution of PSD

OR

b. Experience in design of Control Systems

OR

c. Experience in fabrication of stainless steel structures with toughened Glass

Note: Please refer annexure-1, for details to be submitted along with EOI

8. Contact

Interested parties may contact the undersigned for any queries and further discussions on the official email id procurementcell@nrtc.in

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Corporation Ltd.
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Annexure-1

Checklist for submission of information along with signed and stamped EOI

S. no.	EOI submission to include following details	Submitted	Reference for Document Attached
1.	Company profile and Subsidiary details	YES / NO	
2.	Date of establishment	YES / NO	
3.	Place of Registration	YES / NO	
4.	If established outside India, does prospective partner have any local partner, if yes, submit detail.	YES / NO	
5.	Name of product(s) manufactured	YES / NO	
6.	Design capabilities available with the prospective partner	YES / NO	
7.	Does prospective partner have its own manufacturing setup in India or through an associate?	YES / NO	
8.	Does prospective partner have software development business or a software development cell? Nature of software developed.	YES / NO	
9.	Does prospective partner register under Micro Small and Medium Enterprises of Government of India?	YES / NO	
10.	Total supplies (in terms of units and value) year wise for last 3 years	YES / NO	
11.	Locations where supplied	YES / NO	
12.	Whether prospective partner is legally and financially autonomous and operating under commercial law	YES / NO	
13.	Whether prospective partner is deregistered/barred/blacklisted as per Govt. Rules / procedure, World Bank, Japan International Cooperation Agency (JICA) or any other International Financing Institution, from participating in any project, as on date of submission of EOI.	YES / NO	
14.	Value of highest order placed in last 3 years in USD (Indian party may provide in INR)	YES / NO	
15.	Annual turnover and Profit After Tax for Last 5 years	YES / NO	
16.	Preferred mode of partnership	YES / NO	