



NEW TOWN KOLKATA DEVELOPMENT AUTHORITY

(A Statutory Authority Under Government of West Bengal)
3, Major Arterial Road, New Town, Kolkata - 700 156

NOTICE OF COMPETITION FOR SUBMISSION OF DESIGNS OF INTELLIGENT E-VEHICLE FAST CHARGING STATIONS

Memo No: 115/ NKDA/Admn- 771/2018

Date: 04.01.2018

Whereas to keep up with the pace of rapid urbanisation and growing demand for housing and commercial spaces, New Town, Kolkata, a Greenfield City, was created in the eastern outskirts of Kolkata to serve the dual purposes of establishing new business centre to reduce the mounting pressure on the existing Central Business Districts (CBD) and increasing housing stock supply by creating new residential units and

Whereas New Town Kolkata Development Authority has been formed by the Government to render the basic municipal services in this city and

Whereas New Town Kolkata is also a Solar City under the Solar City programme of Government of India and

whereas as per the Solar City Master Plan for NKDA, the demand for energy is going to increase unabated in the business usual scenario and that a reduction of 10% of the total energy demand has to be affected, achieving a ratio of 65:35 between renewable resources and energy efficiency energy sources respectively, and thus reducing the carbon foot print in the city and

Whereas under the Green City Mission of Government of West Bengal, low carbon renewable energy resources have to be harnessed and Green transport systems need to be encouraged

Therefore in public interest New Town Kolkata Development Authority intends to hold a competition amongst interested and competent Individuals/Firms/Companies for submission of designs of intelligent e-vehicle fast charging stations.

1. ELEGIBILITY TO PARTICIPATE

Any bonafide individual or firm or company.

2. MINIMUM REQUIREMENTS TO BE INCLUDED WITHIN THE DESIGNS:

Each participant must ensure that the following parameters are included:

1. Provision for nos of vehicles to be charged at a time from a single station: 4/6/8/10 or more
2. Socket: 25 amp/ as applicable
3. Source Voltage suggested: 230(AC)/12V (DC)/as applicable
4. Display unit for Unit (KwH)/Rate (Dynamic)/Total Charge Price (Dynamic)

5. Charging time: Fast charging as applicable
6. Design of Control Panel: as applicable
7. The Stations must preferably be of free standing types with an aesthetic appeal in sync with the city environs

3. SCOPE OF WORK

Each entry would include details of Drawings, Designs including preparation of details of estimate of the proposed Charging stations with bill of quantities including other ancillaries etc. The detailed estimate is to be prepared on the basis of schedules of Govt. of West Bengal wherever applicable. In case of non-scheduled items, analysis of rates is also to be provided.

4. EVALUATION OF ENTRIES

- a) The screening of the entries shall be made by an Expert panel constituted by NKDA and only the shortlisted ones will be called for a detailed presentation before the Panel.
- b) The accepting authority reserves the right to reject any or all of the submissions received without assigning any reason whatsoever to the participants.
- c) The shortlisted participants will have to make presentation of their design before the panel of experts to be constituted by NKDA. During presentation, the participant will have to present the followings :
 - i) Plan, Elevation, etc.
 - ii) 3D view of the Station preferably from different angles
 - iii) Necessary Technicalities
 - iv) Proposed O & M Model

The participants will have to arrange for laptop computer etc. NKDA will arrange for venue of the presentation. Final selection will be made on the basis of marks given by the panel out of a total of 100 marks.

Time of presentation shall be 15 minutes with 5 minutes for Questions & Answers.

A copy of the presentation has to be submitted at NKDA.

THE DECISION OF THE EXPERT PANEL REGARDING THE WINNER WILL BE FINAL.

5. TERMS & CONDITIONS:

- (1) A PAN valid at least up to the date of submitting the entries. Application for such clearance addressed to the competent authority, subject to production of authenticated receipt, may also be considered.

- (2) All Participants must submit a scanned forwarding letter (the original to be submitted in case of being shortlisted for presentation), signed by the participant containing the following undertaking:

**"I Sri/Smt _____, on behalf of _____,
(Strike out if not applicable) am submitting a Design of Intelligent E-Vehicle Fast Charging Station, which is wholly my own design and that no other has any copyright on it. I fully understand that if my design is selected as the Winner, NKDA will have complete proprietorship over the design and that no claim of whatsoever nature can be filed by me on it. "**

- (3) Before submission, the intending participants should make themselves acquainted, thoroughly, with the local conditions prevailing by actual inspection of the sites and take into considerations all aspects including actual size and availability of land, communication facilities, climate conditions etc. As no claim whatsoever will be entertained on these accounts, afterwards.
- (4) The design must conform to the prevailing rules of the Sanctioning Authority and other applicable National Codes. 'NOC' (No Objection Certificate) wherever so needed will have to be submitted without fail.
- (5) Only one entry per participant will be allowed.
- (6) Any entry violating any of the above conditions will be summarily rejected.

6. AWARD

There will be only one submission chosen as the Winner by the Expert Panel constituted by NKDA on the basis of the highest marks achieved out of a total of 100.

The Winner will be given an Award of Rs. One Lakh (taxes as applicable) only through an A/C Payee Cheque.

7. MODE OF SUBMISSION

1. Last date and time for submission of entries is up to 05/02/2018 by 4 PM.
2. All entries must be mailed at:
competition.chargingstations@gmail.com, bearing subject line "**INTELLIGENT E-VEHICLE FAST CHARGING STATIONS**".

No hard copies will be accepted at this stage.

3. Only one email per participant will be entertained. Subsequent mails will not be seen.
Therefore while mailing, the contenders must ensure attaching all required documents in their email.

4. List of Documents to be attached in the mail:

- Design of the proposed Charging station showing key components
- Detailed Technical proposal stating technical features, procedures, estimates in detail
- Proposed O & M model
- Copy of PAN card, GST if applicable
- Forwarding Letter bearing the undertaking as mentioned in Clause 5 (2)

5. The hardcopies in original have to be submitted during presentation.

8. **Any participant not following the above steps may be disqualified.**

9. **SCHEDULE OF DATES:**

Sl. No	Schedule	Date & Time	Venue
1	Date of Notice	4 th Jan 2018	NA
2	Pre Competition Meeting	18 th Jan 2018 at 12 noon	01, M.A.R, NKDA, Kolkata- 156
3	Last Date of Submission via email	5 th Feb 2018 up to 4 p.m.	NA
4	Opening of Entries	6 th Feb 2018 at 12 noon	01, M.A.R, NKDA, Kolkata- 156
5	Date of Presentation of the Technical Proposals before the Expert Committee	7 th Feb 2018 at 12 noon onwards	01, M.A.R, NKDA, Kolkata- 156
6	Declaration of result	12 th Feb 2018	01, M.A.R, NKDA, Kolkata- 156

N.B: This Authority reserves the right to cancel any or all the submission or entire process without assigning any reason.

10. **No conditional entry shall be accepted**

*WBNSR
54/01/18*

**Chief Executive Officer
New Town Kolkata Development Authority**

Memo No: 115/1(7)/ NKDA/Admn- 771/2018

Date: 04.01.2018

Copy forwarded for kind information:-

1. The Chief Engineer, NKDA
2. Administrative Officer- I, NKDA
3. The Executive Engineer-I, NKDA
4. The Finance Officer, NKDA
5. Systems Manager for Official Website of NKDA
6. PA to Hon'ble Chairman, NKDA for putting this up

CREJIN
5/1/18

**Chief Executive Officer
New Town Kolkata Development Authority**