



NEW TOWN KOLKATA DEVELOPMENT AUTHORITY

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

Memo No: 2335/EE(E)/NKDA/2020-21

Dated: 17-06-2020

CORRIGENDUM-III

Name of Work: Supply, delivery, installation, commissioning and testing followed by maintenance for two years of solar road studs of given specifications, to be installed on the parking lane and service lane of Biswa Bangla Sarani, in front of Senior Citizen Park and New Town Mela Ground.

Ref: Notice Inviting e-Quotation Memo No. 1599/EE(E)/NKDA/Elect/2020-21 Circulated vide memo no. NleQ. NO. :01/ EE (E)/NKDA/ 2020-21 dated: 30.04.2020, **Tender ID:**2020_NKDA_282385_1.

This is to notify as per the resolutions taken in the Pre-Bid meeting held on 10 June 2020 at 2:00 PM at NKDA Office Building, New Town, Kolkata-156 few points are to be modified in the published in NleT No. 01/ EE(E)/NKDA/2020-21 dated: 30-04-2020, which are as follow:

Sl. No.	Original Clause/ Specification as mentioned in the tender	Amendment
1.	<u>Sl.No.7,Eligibility criteria for participation in the tender - a,b,c,d,e & f points are available</u>	<u>Sl.No.7,Eligibility criteria for participation in the tender -</u> g. OEM Authorization certificate required, and bidder must submit all the material and its compliance certificates respectively.
2.	<u>Technical specification,Clauseno.1,Description -</u> Unlike passive reflector type road studs, effectiveness of solar road stud does not depend on the luminous intensity and reach of vehicle head light but works on solar energy to operate LEDs, providing long range visibility and more effectiveness. A combination of solar studs emitting yellow and red light indicating the lane boundaries and crossings/ junctions respectively, makes the arrangement more effective.	<u>Technical specification,Clauseno.1,Description -</u> Unlike Polycarbonate prismatic reflector type road studs, effectiveness of solar road stud does not depend on the luminous intensity and reach of vehicle head light but works on solar energy to operate LEDs, providing long range visibility and more effectiveness. A combination of solar studs emitting yellow and red light indicating the lane boundaries and crossings/ junctions respectively, makes the arrangement more effective. Durable solar powered self-illuminating solar pavement marker with all direction 360 degree visibility in active mode. This specification also covers durable, solar powered, LED illuminated raised pavement markers with dual shanks and 360-degree visibility designed for installation on bitumen, asphalt and concrete surfaces. The markers shall be designed to provide highly effective, long-life night time self-illumination in active mode and retro reflectivity in passive mode. Solar Raised Pavement marker must be accredited from Indian Road Congress (IRC)
3.	<u>Technical specification,Clauseno.3,Design and material specifications, b -</u> Body: The solar road stud should have matte finish (sand blasted) Aluminum Die cast body casing with anti- twist ribs for additional grip and resist twisting. Body top (head) should have embossed raised surface to prevent vehicle from falling on the central poly carbonate cover over the PV module. Water draining channels to be provided on top casing. The head i.e. the part of the stud which is above the road surface when road stud is fixed, shall be of square shape with rounded edges. The anchorage i.e. the part of the road stud which is below the road surface, should have a minimum depth of 50 mm and a diameter of minimum 33 mm. It should have minimum 6 nos. external anti- twist ribs. The dimensions and the weight of the stud should not be less 122mmx132mmx75mm and 650 gm respectively. Minimum compression capacity should be 175 KN.	<u>Technical specification,Clauseno.3,Design and material specifications, b -</u> Body: The solar road stud may be matte finish (sand blasted) Aluminum Die cast/poly carbonate body casing with anti- twist ribs for additional grip and resist twisting. Body top (head) should have embossed raised surface to prevent vehicle from falling on the central poly carbonate cover over the PV module. Water draining channels to be provided on top casing. The head i.e. the part of the stud which is above the road surface when road stud is fixed, shall be of square shape with rounded edges. Color: The top of the marker body shall be transparent; the base shall be produced in neutral white or as specified. The color of the blinking light shall be white, yellow, red or blue as specified. Dimensions: The typical approx. dimensions of the marker shall be: Height: 65 ± 2 mm Maximum Diameter: 136 ± 4 mm Polycarbonate Passive lens Area - Compression Strength: When tested in accordance with ASTM D4280, a marker shall support a load of 20000 kg without breakage or significant deformation of the marker.

4.	Technical specification,Clauseno.3,Design and material specifications, g - Protection: Solar road stud should have minimum IP66 protection	Technical specification,Clauseno.3,Design and material specifications, g - Protection: The body should be resistant to water ingress as per IP 68 in accordance with latest IEC 60529.
5.	Technical specification,Clauseno.3,Design and material specifications, h - Operating temperature: -20degC to +55degC	Technical specification,Clauseno.3,Design and material specifications, h - Operating temperature: -15degC to +60degC
6.	Payment Method: SI No-47, II The payment for the Maintenance and Operation shall be made on a monthly basis during the two years of operation and maintenance on satisfactory completion of each month of operation and maintenance post supply. installation and testing of the studs. This payment will be made subject to all statutory deductions on raising of invoice for every completed month separately at the completion of the month invoiced.	The payment for the Maintenance and Operation shall be made on 02(Two) equal installments after completion of each year of successful maintenance of the System.

Date and Time Schedule:

SI No.	Particulars	AS is	Would be
1	Documents download end date (Online)	17.06.2020 from 6:55P.M.	26.06.2020 from 6:55P.M.
2	Bid Submission closing (On line)	18.06.2020 at 6:55 P.M.	26.06.2020 at 6:55 P.M.
3	Bid opening date for Technical Proposals (Online)	22.06.2020 at 12:00 P.M.	29.06.2020 at 11:00 A.M.
4	Date of uploading list for Technically qualified Bidder(Online)	Will be intimated in due course	Will be intimated in due course
5	Date of opening of Financial Proposal (Online)	Will be intimated in due course	Will be intimated in due course
6	Last date of Intimation to the successful bidder	Will be intimated in due course	Will be intimated in due course

Other terms and conditions shall be remaining unchanged.


 Executive Engineer (E)
 New Town Kolkata Development Authority

Memo No: 2335/EE(E)/NKDA/2020-21

Dated:17.06.2020

Copy forwarded for information to:-

- i. The Chief Executive Officer, New Town Kolkata Development Authority.
- ii. The Chief Executive Officer, New Town Kolkata Green Smart City Corporation Ltd.
- iii. The Chief Engineer, New Town Kolkata Development Authority.
- iv. The Finance Officer, New Town Kolkata Development Authority.
- v. The Assistant Engineer (E), New Town Kolkata Development Authority.
- vi. P.A to the Chairman, New Town Kolkata Development Authority.
- vii. Office copy of NKDA.
- viii. Official Website of New Town Kolkata Development Authority (www.nkdamar.org)


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