

Mussoorie Dehradun Development Authority

Corrigendum

Date: 11-08-2020

Sub:- Supply, Installation, Testing & Commissioning of Dynamic RGB Façade Lighting of Buildings & Structures on Mussoorie Mall Road & Methodist church with Operation & Comprehensive maintenance for 3 years.

Ref: Pre-bid Meeting dated 7th August 2020

The pre-bid meeting was on 07.08.2020 at 12:00 PM.

1. The following clarifications are made to the above referred NIT:

(i) Page 3 of NIT, Section 2.2.2: Technical Specification Forms (Appendix 1) correspond to the Technical Forms for Items 1 to 14 on NIT Page No 9 to 20.

(ii) Technical Forms for Item No 1 to 14 (page 9 to 20 of NIT) correspond to BOQ SI No. as described below:

Page No of NIT	Technical Form (Item No)	Corresponding BOQ SI No.
9	1	1.1
10	2	1.2
11	3	1.3
12	4	1.4
13	5	1.5
14	6	1.6
15	7	1.7
16	8	1.8
17	9	1.9
18	10, 11, 12	2, 2.1, 2.2
19	13	2.3
20	14	2.4

2. The following additions are made to the above referred NIT:

2.4.2 Scope of Operation and Comprehensive Maintenance for 3 years

The scope of work for annual comprehensive maintenance includes service/repair and replacement of all defective parts free of cost. Thus, the AMC includes repair, replacement and service i/c replacement of complete fittings if required.

2.5 Scope of Work

(i) The scope under this work includes Illumination of the following sites:

- Temple
- Few Private structures on the 150 M (approx.) stretch
- Gazebo 1, Gazebo 2 and Gazebo 3
- Wall in-front of Mayur Hotel
- Ambedkar Statue
- Methodist Church
- Lion Mural, Horse Mural, Fountain Mural and Kedarnath Mural
- Retrofitting of 15 Nos of decorative street lights along 150 M stretch / or areas around the Library Chowk

The above sites can be identified from the "Key Plan For Mussoorie Façade Lighting Project" enclosed herein.

A design simulation of these sites is also enclosed.

(iii) The contractor may be asked to provide special effects on buildings on special occasions like Independence Day or Republic Day etc., the agency shall prepare simulation effects in advance for actual display on desired days.

(iv) After successful installation and commissioning of lighting system, the combinations of lighting effects on buildings shall be prepared and are to be prepared by the Engineer-in charge.

(v) Please note:- Permission or No objection Certificate (NOC) may be required for facade lighting of private structures. This permission or NOC lies in the scope of MDDA and the contractor will not responsible this. Any delay in obtaining this NOC will not be attributed to the contractor.

2.6 Technical Evaluation

(i) Technical Forms of Items 1-14 (refer pg 9 to 20 of NIT) have to be duly filled by the bidder. These forms have to be submitted and uploaded with the bid online. Technical documents (such as 3rd Party Test Reports, BIS Certificates, Technical Catalogues, IES Files, any other document) as specified in these FORMS have to be submitted with the bid for technical evaluation. MDDA reserves the right to verify the authenticity of the Test Reports.

(ii) BIS Certificates of all LED Light fittings have to be submitted along with the bid online.

(iii) Results of these Test Reports must comply with the technical specifications mentioned in these Technical Forms.

(iv) The bidder must submit an undertaking from the manufacturer(s) of Items 1-14 that:

- Manufacturer will supply these items within the supply period stipulated in the NIT
- Warranty against manufacturing defects for the specific item(s) during the 3 years Operation & Comprehensive Maintenance period.

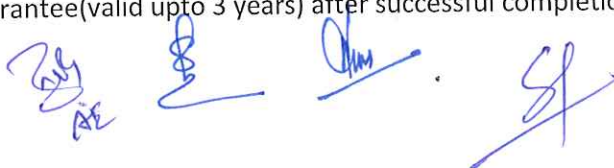
(v) MDDA reserves the right to get the Items tested from a third party NABL lab to ensure that it complies with the technical specifications mentioned in the tender.

Please Note:- Submission of Technical Form for Item No 7 (Data Formatting Device) and its supporting documents is not required if the bidder does not require to supply data formatting devices.

2.7 Performance Guarantees

(i) The successful bidder shall submit an irrevocable performance guarantee of 5% of the tendered amount within 5 days of issue of letter of intent. This guarantee shall be in the form of government securities or fixed deposit receipts or guarantee bonds of any scheduled bank or the State Bank of India in the specified format. The performance guarantee shall be valid upto the stipulated date of completion plus 01 month and will be released after successful completion of work.

(ii) 10% deduction against AMC as referred in Section 2.4 (Payment Terms) of NIT, can be released by providing a Performance Guarantee (valid upto 3 years) after successful completion of work.



2.8 Work Completion

(i) The completion period of **01 Month** indicated in the NIT is for the entire work of planning, supplying, installation, testing, commissioning and handing over of the tender system to the satisfaction of the Engineer-in charge.

(ii) The contractor shall submit "Time & Progress chart" for execution of work showing activities distinctly within 5 days of the letter of acceptance of work in direct relation to the time stated in the contract document for completions of different milestones fixed indicating the forecast of date of commencement and date of completion of various items / activities from the start point to end points as per agreement for adherence during execution.

2.9 Time and Extension

(i) The time allowed for execution of the Works as specified in this NIT or the extended time in accordance with these conditions shall be the essence of the Contract. If the Contractor commits default in completing 100% supply of contracted quantity of materials (Item No 1 to 14) within the work completion period of 1 Month, MDDA shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the performance guarantee absolutely and terminate the contract.

(ii) After the Contract is concluded, the Contractor shall submit a Time and Progress Chart for each milestone and get it approved by the Department. The Chart shall be prepared in direct relation to the time stated in the Contract documents for completion of items of the works. It shall indicate the forecast of the dates of commencement and completion of various trades of sections of the work and may be amended as necessary by agreement between the Engineer-in-Charge and the Contractor within the limitations of time imposed in the Contract documents.

(iii) If the work(s) be delayed by:- (a) force majeure, or (b) abnormally bad weather, or (c) serious loss or damage by fire, or (d) civil commotion, local commotion of workmen, strike or lockout, affecting any of the trades employed on the work, or (e) non-availability or break down of Electricity supplied by Government or (f) any other cause which, in the absolute discretion of the Engineer-in-Charge is beyond the Contractor's control, then upon the happening of any such event causing delay, the Contractor shall immediately give notice thereof in writing to the authority but shall nevertheless use constantly his best endeavours to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Engineer-in-Charge to proceed with the works.

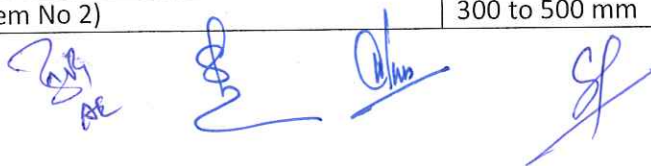
3.0 Tolerances

The following tolerance are accepted in the technical specifications (Items 1 to 14) mentioned in tender document:

SI No.	Parameter	Acceptable Variation
i)	Max. system wattage	+10%
ii)	Min. Lumens output	-10%

The following dimension ranges are acceptable in the One, Two and Four feet linear lighting fixtures:

SI No.	Item Nos of linear fixtures	Acceptable Range (length)
i)	Four Feet Linear (Item No 1, 6, 10)	1000 to 1250 mm
ii)	Two Feet Linear (Item No 5)	550 to 650 mm
iii)	One Feet Linear (Item No 2)	300 to 500 mm



3.1 Submission of Tender

(i) The Tender Document as uploaded can be viewed and downloaded free of cost by anyone including intending tenderer. But the tender can only be submitted after uploading the mandatory scanned documents such as a) Demand Draft or Banker's Cheque towards cost of tender fee, b) Demand Draft or Banker's Cheque / Bank Guarantee of any Nationalized or all Commercial Scheduled Bank against EMD& All other documents shall be as per Notice Inviting e-tender.

(ii) The tenderers are required to quote strictly as per terms and conditions, specifications, standards given in the tender documents and not to stipulate any deviations. The bidders are advised to submit complete details with their bids as Technical Bid Evaluation will be done on the basis of documents uploaded on website by the bidders with the bids. The information should be submitted in the prescribed proforma. Bids with Incomplete /Ambiguous information will be rejected.

The Bank Guarantee for EMD submitted by the bidders shall be in the format prescribed in **Appendix 5**.

List of Documents to be submitted in hard copy within the period of tender submission:

- (a) Demand Draft or Banker's Cheque/ Bank Guarantee of any Nationalized or all Commercial Scheduled Bank against EMD.
- (b) Demand Draft or Banker's Cheque of any Scheduled Bank towards cost of Tender Fee.
- (c) Unconditional Letter of Acceptance of Tender Conditions (in original)(**Appendix 6**) (On Letter Head of the Applicant/ Bidder).

Earnest Money Deposit	<p>Earnest Money Deposit of amount as mentioned in the NIT is required to be submitted along with the tender. The EMD shall be in the form of Demand Draft payable at Dehradun in favour of SE, MDDA from any Scheduled Bank or Bank Guarantee from any Nationalized or all Commercial scheduled banks in the enclosed format. The EMD shall be valid for minimum period of 60 days from the original last day of submission of Tender. The EMD shall be scanned and uploaded to the e-Tendering website within the period of tender submission and original should be deposited in office of MDDA.</p> <p>The EMD shall be payable to MDDA without any condition(s), recourse or reservations.</p> <ul style="list-style-type: none">i) The Bid will be rejected by MDDA as non-responsive and shall not be considered in case EMD is not received in Physical form.ii) The EMD of bidders other than L1 will be returned within 15 days, after opening of Financial Bid.iii) The EMD of the successful bidder will be discharged after the contractor has furnished the required acceptable performance guarantee of 5%.iv) No interest shall be paid by NBCC on the EMD.
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	<p>v) The EMD may be forfeited:</p> <p>a) if the bidder withdraws the bid after bid opening during the period of validity;</p> <p>b) Any unilateral revision in the offer made by the tenderer during the validity of the offer.</p> <p>c) Nonacceptance of LOI/LOA, if and when placed</p> <p>d) In the case of a successful bidder; if the bidder fails to commence the work within the stipulated time period prescribed in the contract.</p>
Non-refundable cost of Tender document	In the shape of DD or Banker's Cheque in favour of Secretary, Secretary, MDDA payable at Dehradun.

3. The amendments, clarifications in the NIT are as given below:

Reference of NIT	Description as per NIT	Amendments / Clarifications
Page 3, Section 2.2.1, Clause 3 (Documentary Evidence)	Self Certified letter – as per format given in Appendix - X	Self Certified letter – as per format given in Appendix – 4 (Appendix 4 is enclosed)
Page 3, Description of Milestones, Sr No. 2	Description of Milestone (Physical) 2. Supply of Dynamic Facade lighting & components	Description of Milestone (Physical) 2. Complete supply of material as per BOQ (Item No 1 to 14)
Page 3, Description of Milestones, Sr No. 2	Amount to withheld in case of non-achievement of milestone 0.5% of the agreement amount value each week. The amount withheld with not exceed 10% of the agreement value.	Amount to withheld in case of non-achievement of milestone 0.5% of the agreement amount value each week. If 100% supplies are not made within the work completion period of 1 month, action as per Section 2.9 (i) shall be applicable.
Page 4, Authority to Decide	Extension of time: Vice chancellor, MDDA Rescheduling of milestone: Vice chancellor, MDDA Shifting in start date due to delay in handing over the site: Vice chancellor, MDDA	Extension of time: Vice chairman, MDDA Rescheduling of milestone: Vice chairman, MDDA Shifting in start date due to delay in handing over the site: Vice chairman, MDDA Deviation in BOQ qty: Vice chairman, MDDA
Page 9-20, Technical Forms for Items 1 to 14	'Link of the official webpage of Luminaries'	DELETED
Page 2, Sr (1)	Similar Work means:- Supply,	Similar Work means:- Supply,

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	Installation, Testing, Commissioning, of Façade lighting of building(s) / monument(s) / bridge(s) / temple(s) using RGB/RGBA/RGBW LED luminaires for any Central Govt./ State Govt. / Public Sector Undertaking, in the last five years from the date of opening of tender bid.	Installation, Testing, Commissioning, of Façade lighting of building(s) / monument(s) / bridge(s) / temple(s) using LED luminaires for any Central Govt./ State Govt. / Public Sector Undertaking, in the last five years from the date of opening of tender bid.
Page 9, 10, 11, 12, 13, 14, 16 Technical Forms Item No. 1, 2, 3, 4, 5, 6, 8	Operating Voltage: 100-277 VAC	Operating Voltage: 100-277 VAC / 24 DC with suitable driver
Page 11, Technical Form Item No 3	Body: Extruded Anodized Aluminium	Body: Extruded Anodized Aluminium / Die Cast Aluminium
Page 16, Technical Form Item No 8	Input Voltage: 100-240 VAC, Auto - Switching	Input Voltage: 100-240 VAC, Auto - Switching. OR Compatible DC Power Adapter
Page 9, 10, 11, 12, 13, 14, 18, 19 Technical Form Item No 1, 2, 3, 4, 5, 6, 10, 13	Mandatory Certification: UL Certification or IS 10322 Part 5	Mandatory Certification: UL Certification or BIS Certification
Page 8, Appendix 3, List of Approved Makes, Sr 1	Various types of LED light fittings: Osram / Signify / Wipro / Color Kinetics / Traxon	Various types of LED light fittings: As per technical specifications indicated in this document
Page 4, Section 2.4, Payment Terms	The bidder shall quote their rates against item no. 1 to 18	The bidder shall quote their rates against BOQ Sr no. 1.1 to 2.9
Page 4, Section 2.4, Payment Terms	The bidder shall quote their rates against item no. 1 to 18	The bidder shall quote their rates against BOQ Sr no. 1.1 to 2.9
Page 4, Section 2.4.1	Comprehensive maintenance & operation of entire system comprising of all items of SH-I (Item No. 1 to 18)	Comprehensive maintenance & operation of entire system comprising of theBOQ (Sr no. 1.1 to 2.9)

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4. Technical Form for Item No 14 (on page 20 of NIT) is deleted as is amended as below:

Technical Bid Item No:14		
Technical Bid Item No:14	As per NIT	To be filled by the bidder
Luminaries - LED floodlight 100Watt		
Make	Bidder to specify	
Make of LED	Cree/Nichia/Osram/Lumileds	
Model	Bidder to specify	
Body of fittings	Die-cast aluminium, powder-coated finish	
Maximum System Wattage	100W	
Minimum Lumens Output	4000 Lumens	
Color	color and high-quality tunable white light (ability to tint any CCT between 2000K and 10000K)	
CRI	>80 for white light	
Control (Operating Platform)	16 bit DMX/Ethernet protocol	
Available Beam angle options (final beam angles to be decided as per actual site conditions)	Narrow 2°- 10°, medium 20°- 25°, wide 40° -50° or 60° -70°	
Operating voltage	100-277 VAC / 24 DC with suitable driver	
Lumen maintenance L70,B10 at 50degree	Min.50,000 burning hours at L70,B10 at 50Degree C.	
Operating Temperature	40 degree centigrade	
IP /IK Protection	IP66 and IK08 protection	
Mandatory Certification	UL certification or BIS Certificate	
Mandatory test reports	LM-79(fromthird party international lab/third party NABL approved lab),LM-80, IEC60598 (from third party international lab/third party NABL approved lab)	
Power Factor	0.9 or more	
Luminaire connectors	Weatherproof IP rated connectors	
Peak intensity (for beam angle of 2-10 degree)	7,00,000 cd minimum, symmetric beam angle,	
Center beam Lux levels for beam angle of 2-10 degree	Minimum lux level of 10,000 lux at 7 m with Beam Width -300 mm	

Soft Copy of Catalogues , Polar Diagrams , Cone Diagrams , IES Files along with Test Certificates - relevant Third Party LM 79,IEC 60598, LM 80 test certificates of the luminaries submission is mandatory.

Appendix 4
(On company Letter Head)
CERTIFICATE FOR BEING NOT BLACKLISTED/ DEBARRED

Subject:- Supply, Installation, Testing & Commissioning of Dynamic RGB Façade Lighting of Buildings & Structures on Mussoorie Mall Road & Methodist church with Operation & Comprehensive maintenance for 3 years.

To,
Secretary,
Mussoorie Dehradun Development Authority,
Transport Nagar, Dehradun

We M/s _____ having its registered office at _____ declare that we are not blacklisted/ debarred by any Govt. undertaking/ Govt departments/ SEB's / Power Sector Utilities. In case same is found then our tender/Order shall be treated as cancelled at any stage and EMD/Performance security shall be forfeited.

Signed and stamped by

Authorised Signatory

Four handwritten signatures in blue ink, arranged horizontally. The first signature is on the left, followed by three more signatures to its right. Each signature is a stylized, cursive representation of a name.

Appendix 5

FORM OF EARNEST MONEY (BANK GUARANTEE)

WHEREAS, contractor..... (Name of contractor) (hereinafter called "the contractor") has submitted his tender dated (date) for..... (name of work) (hereinafter called "the Tender")

KNOW ALL PEOPLE by these presents that we (name of bank) having our registered office at (hereinafter called "the Bank") are bound unto SE, Mussoorie Dehradun Development Authority, Dehradun (hereinafter called "SE") in the sum of Rs..... (Rs. in words) for which payment will and truly to be made to the said SE the Bank binds itself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank this..... day of20... .

THE CONDITIONS of this obligation are:

- 1) If after tender opening the contractor withdraws his tender during the period of validity of tender (including extended validity of tender) specified in the form of tender;
- 2) If the contractor having been notified of the acceptance of his tender by the SE:
 - a) fails or refuses to execute the form of agreement in accordance with the Instructions to contractor, if required; OR
 - b) fails or refuses to furnish the performance guarantee, in accordance with the provisions of tender document and Instructions to contractor, OR
 - c) fails or refuses to start the work, in accordance with the provisions of the contract and Instructions to contractor, OR
 - d) fails or refuses to submit fresh bank guarantee of an equal amount of this bank guarantee, against security deposit after award of contract

We undertake to pay to the SE either up to the above amount or part thereof upon receipt of his first written demand, without the SE having to substantiate his demand, provided that in his demand the SE will note that the amount claimed by him is due to him owing to the occurrence of one or any of the above conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including the date* after the deadline for submission of tender as such deadline is stated in the instructions to contractor or as it may be extended by the SE, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this guarantee should reach the Bank not later than the above date.

DATE

SIGNATURE OF THE BANK

SEAL

WITNESS

(SIGNATURE, NAME AND ADDRESS)

*Date to be worked out on the basis of validity period of 60 days from last date of receipt of tender.



Appendix 6

ACCEPTANCE OF TENDER CONDITIONS

From: (To be submitted in ORIGINAL on the letter head of the company by the authorized officer having power of attorney)

Secretary,
Mussoorie Dehradun Development Authority

Sub: Name of the work:

Sir,

1. This has reference to above referred tender. I/We are pleased to submit our tender for the above work and I/We hereby unconditionally accept the tender conditions and tender documents in its entirety for the above work.
2. I/we are eligible to submit the tender for the subject tender and I/We are in possession of all the documents required.
3. I/We have viewed and read the terms and conditions of this tender. I/We have downloaded the following documents forming part of the tender document:
 - a) Notice Inviting e-Tender
 - b) Quoting Sheet for Tenderer / Bill of Quantities
 - c) Appendix1: Technical Forms (Item 1 to 14)
 - e) Appendix2: Consortium Agreement
 - f) Appendix3: List of Approved Makes
 - g) Appendix4: CERTIFICATE FOR BEING NOT BLACKLISTED/ DEBARRED
 - h) Appendix6: Acceptance of Tender Conditions
 - i) Corrigendum, if any- Duly signed by authorized person
 - j) Pre-bid clarifications, if any
 - k) Key Site Plan and Design Simulation
4. I/we have uploaded the mandatory scanned documents such as cost of tender fee, EMD, and other documents as per Notice Inviting e-tender AND I/We agree to pay the cost of tender document, EMD and other documents in physical form in the form and manner as described in NIT.
5. Should this tender be accepted, I/We agree to abide by and fulfill all terms and conditions referred to above and as contained in tender documents elsewhere and in default thereof, to forfeit and pay MDDA, or its successors or its authorized nominees such sums of money as are stipulated in the notice inviting tenders and tender documents.
6. If I/we fail to commence the work within 10 days of the date of issue of Letter of Award and/or I/we fail to sign the agreement and/or I/we fail to submit performance guarantee as per Section 2.7 of NIT, I/we agree that MDDA shall, without prejudice to any other right or

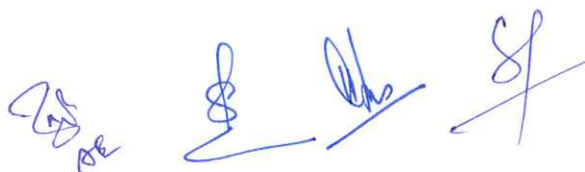


remedy, be at liberty to cancel the Letter of Award and to forfeit the said earnest money as specified above.

Dated _____

Yours faithfully,

(Signature of the tenderer with rubber stamp)

Four handwritten signatures in blue ink, arranged horizontally. The first signature is a cursive 'J' followed by 'S' and 'DE'. The second is a stylized 'S' with a horizontal line. The third is a cursive 'D' with a horizontal line. The fourth is a stylized 'S' with a horizontal line.