



Republic of the Philippines

ROAD BOARD

OFFICE OF THE CHAIRMAN

2/4F Ave Maria Building, 1517 Quezon Avenue corner Examiner Street
West Triangle, Quezon City

**NATIONAL ROAD LIGHTING PROGRAM
SUPPLY AND INSTALLATION OF LUMINAIRES
(PACKAGE 9)**

Bid Bulletin No. NRLP9-070615-01

The public is hereby informed of the following amendments to the Bidding Document of the above-stated project:

1. *Section VII. Technical Specifications; SET A- System Power Not More Than 140 W; Specifications ITEM 1. Quantity*

FROM	TO
4,236 pcs.	3,537 pcs.

2. *Section VII. Technical Specifications; SET A- System Power Not More Than 140 W; Specifications ITEM 15 (page 61 of the bidding document)*

15. Dimension: Not more than length of 850mm, height of 120 mm and width of 303 mm (+/- 20%)	15. Dimension: Not more than length of 850mm, height of 120 mm and width of 303 mm (+/- 10%)
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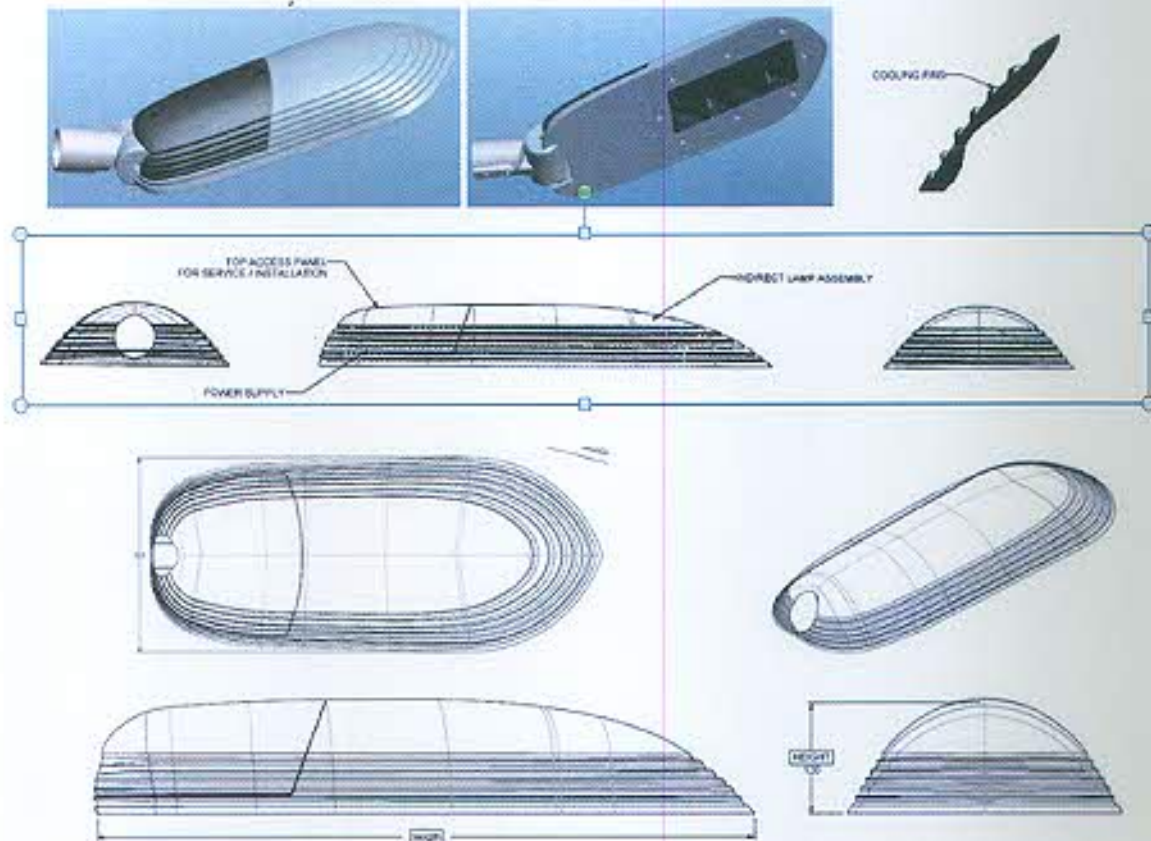
3. *Addendum: Section VII. Technical Specifications (Please see attached Annex A)*
4. *Revised Checklist of Requirements (page 75 of the bidding document. Please see attached Annex B)*

All terms, conditions and instructions to bidders specified in the Bidding Documents inconsistent with this Bid Bulletin are hereby superseded and modified accordingly.

Issued this 13th day of July, 2015.

Reviewed and Approved by:

ADOLFO L. ESCALONA
Chairman, Bids and Awards Committee

SET B – System Power Not More Than 70 W**SPECIFICATIONS**

1. Quantity: 356 pcs.
2. Luminous Flux: Not less than 3600 lumens (or can be lesser if SP Ratio is 2.5 and above)
3. S/P Ratio: Not less than 2.0
4. Color Temperature: 4000K (+/-300)
5. Indirect lighting equipped with reflectors for softer light effect
6. Lighting Pollution Control: when mounted on the pole, front should have zero radiated light at 80 degrees and above; back should have zero radiated light at 40 degrees and above.
7. Short Vertical light Distribution
8. Type III Light Classification
9. Life Expectancy 50,000 hours
10. Lumen Maintenance: Minimum of L70 at 10,000 hours test duration
11. Reflector: aluminium with satin finish
12. Cover: tempered glass cover
13. Housing: die cast aluminium with heat management system in light gray color
14. Weight: Not more than 8 kgs.

15. Dimension: Not more than length of 725mm, height of 120 mm and width of 303 mm (+/-10%)
16. IP Rating: Not less than IP66
17. IK Rating: Not less than Ik06 or equivalent to 1 Joule. (Drop of 500g object from 20cm height.)
18. Vibration test: Should pass the 3G requirement
19. System Power: Not more than 70 Watts
20. System voltage: 230Vac 60Hz
21. Power Factor: Not less than 0.90
22. Voltage fluctuation tolerance: +/- 10%
23. Instant Restrike
24. Electrical Insulation: Class I
25. Harmonics distortion: <13%
26. Protections from:
 - a. Lightning
 - b. Over voltage
 - c. Short circuit
 - d. Over temperature
27. Flickering: 0%
28. Warranty: 6 years



CHECKLIST OF REQUIREMENTS

NUMBER OF COPIES OF BIDDING DOCUMENTS:

- ☒ One (1) Original copy (Technical and Financial Envelope)
- ☒ Four (4) Copies of the first and second components of its bid (Technical and Financial Envelope)

Please make use of tabs as sequenced below. Failure to follow shall be a ground for disqualification.

TABS	REQUIRED DOCUMENTS	PASS	FAIL
ELIGIBILITY DOCUMENTS			
A	Department of Trade and Industry (DTI) business name registration, SEC Registration or CDA Registration, whichever may be appropriate under existing laws of the Philippines, supported with the necessary information using the prescribed forms		
B	Valid and current Mayor's permit/municipal license		
C	Statement of ongoing and similar completed government and private contracts within the period specified in the IAEB, including contracts awarded but not yet started and percentage of completion for on-going contracts. Include copies of end-user's acceptance or official receipt issued for the contract, if completed		
D	Audited financial statements, stamped "received" by the BIR or its duly accredited and authorized institutions, for the immediately preceding calendar year (2014), showing among others the total assets and liabilities		
E	Computation of Net Financial Contracting Capacity (NFCC)		
F	Tax Clearance per Executive Order 398, series of 2005, as finally reviewed and approved by the BIR		
G	Notarized statements from potential joint venture partners or valid joint venture agreement, in case of a joint venture		
H	Bid Security (For surety bond, attach the Issuing agency's Certificate of Authority from the Insurance Commission specific to the project and Official Receipts)		
I	Conformity with technical specifications as enumerated and specified in Sections VI and VII of this Bidding Document (in the form of an Undertaking)		
J	Omnibus Sworn Statement (Sec.25.2 of IRR) – Must include Board Resolution or Secretary's Certificate/Authority to Sign		
OTHER REQUIREMENTS SPECIFIC TO THE PROJECT			
K	Summary sheet/checklist comparing the specifications as required by the procuring entity (copied from Section VII. TECHNICAL SPECIFICATIONS) and the specifications of the product being offered. Non inclusion shall be a ground for disqualification.		
L	Certificate of Distributorship		
<p>FOR SET A: Provide laboratory test result on each specification listed hereunder. Be guided by IES LM-79 and LM-80 testing. Indicate the following details on every test result:</p> <ul style="list-style-type: none"> • Model No. or Product Code of the product tested 			

	<ul style="list-style-type: none"> • <i>Contact information (name, telephone no., e-mail) of the laboratory where testing was conducted</i> • <i>All test results should be conducted at a minimum of L70 (10K)</i> 		
M-A	Photopic Lumens		
N-A	Scotopic Lumens		
O-A	Color Temperature (CCT)		
P-A	Spectral Power Distribution based on 4000K (\pm) CCT		
Q-A	Polar Diagram and Candela Tabulation <ul style="list-style-type: none"> <input type="checkbox"/> Direct and Indirect System <input type="checkbox"/> Lighting Pollution 		
R-A	Goniometry Test Data (Cut Off Classification) <ul style="list-style-type: none"> <input type="checkbox"/> Lateral and Vertical Distribution 		
S-A	Test on Life Expectancy (at Operating Temperature of 45°C)		
T-A	Luminaire Drawing showing the following: <ul style="list-style-type: none"> <input type="checkbox"/> Materials and Finishes (Extracted Details) <input type="checkbox"/> Dimension and Weight <input type="checkbox"/> Housing Design 		
U-A	Electrical Power Test Result <ul style="list-style-type: none"> <input type="checkbox"/> System Power <input type="checkbox"/> System Voltage <input type="checkbox"/> Power Factor <input type="checkbox"/> Voltage Fluctuation Tolerance <input type="checkbox"/> Harmonics Distortion <input type="checkbox"/> Protection from Lighting, Overload, Short Circuit, Overheat <input type="checkbox"/> Flickering 		
V-A	Literature of heat management		
W-A	Methodology and documentation of the design development that will show plans and/or design intent based on specifications		
X-A	IES files in CD for electronic validation		
FOR SET B: Provide laboratory test result on each specification listed hereunder. Be guided by IES LM-79 and LM-80 testing. Indicate the following details on every test result: <ul style="list-style-type: none"> • <i>Model No. or Product Code</i> • <i>Contact information (name, telephone no., e-mail) of the laboratory where testing was conducted</i> • <i>All test results should be conducted at a minimum of L70 (10K)</i> 			
M-B	Photopic Lumens		
N-B	Scotopic Lumens		
O-B	Color Temperature (CCT)		
P-B	Spectral Power Distribution based on 4000K (\pm) CCT		
Q-B	Polar Diagram and Candela Tabulation <ul style="list-style-type: none"> <input type="checkbox"/> Direct and Indirect System <input type="checkbox"/> Lighting Pollution 		
R-B	Goniometry Test Data (Cut Off Classification) <ul style="list-style-type: none"> <input type="checkbox"/> Lateral and Vertical Distribution 		
S-B	Test on Life Expectancy (at Operating Temperature of 45°C)		
T-B	Luminaire Drawing showing the following:		

	<input type="checkbox"/> Materials and Finishes (Extracted Details) <input type="checkbox"/> Dimension and Weight <input type="checkbox"/> Housing Design		
U-B	Electrical Power Test Result <input type="checkbox"/> System Power <input type="checkbox"/> System Voltage <input type="checkbox"/> Power Factor <input type="checkbox"/> Voltage Fluctuation Tolerance <input type="checkbox"/> Harmonics Distortion <input type="checkbox"/> Protection from Lighting, Overload, Short Circuit, Overheat <input type="checkbox"/> Flickering		
V-B	Literature of heat management		
W-B	Methodology and documentation of the design development that will show plans and/or design intent based on specifications		
X-B	IES files in CD for electronic validation		
FINANCIAL PROPOSAL			
Y	The financial proposal submission sheet , which includes the price schedules .		