

Date: 20/01/2015

Corrigendum with reference to tender notification No.
IIT(BHU)Gym/Lighting of Athletic Ground/2014- 15/ 308 Dated
07.01.2015

After discussing all the submitted queries during the pre-bid meeting held on 19th January, 2014 at IIT Gymkhana, the committee recommends following corrigendum:

Pg. No. 25 BoQ S. No. 1 (c):

“Two” to be replaced by “Three”

The sentence will be read as:

(c) Three sections 6/5/4 mm,.....

Rest will remain the same.

Pg. No. 26 BoQ S. No. 8:

“185 sqmm cable for sub-station to High-mast Poles.”

Will be replaced by

“185 sqmm 4 core cable for sub-station to High-mast Poles.”

Rest will remain the same.

Pg. No. 26 BoQ S. No. 9:

The requirement of timer has been removed.

All other contents remain the same.

Pg. No. 26 BoQ:

A new requirement at S. No. 10 has been added as follows:

One extra control panel housing with load capacity of 100 KW & protection of IP-54 comprising of suitable contractor circuits and other control accessories.

Crompton Greaves, Bajaj, Surya, Osram, GE, Ventura, Musco or equivalent make.

Pg. No. 27: Essential condition at S. No. 1

Govt. of India approved, testing lab will also be equally preferred as NABL accredited testing lab.

All other contents remain the same.

All other contents of the tender document will remain unchanged.

In light of the above corrigendum, a revised BoQ is also appended below. Accordingly all the bidders are required to submit the below given Revised BoQ along-with their techno-commercial un-priced bids and priced bids in addition to other documents.

Dean of Student Affairs

Name of the work: High Mast lighting System for Athletics Track cum Football Field, IIT(BHU) Varanasi

Subhead: Supply/Installation, testing and commissioning of high mast lighting system of the athletics track cum football field at IIT (BHU) Varanasi.

Local Standard

Dear Sir,

With reference to your tender for lighting of Athletic Track enquiry, Please submit your best rates :

S.No.	Part A Description	Unit	Qty	Rate per Unit	Total Value
1	(a)Supply of 25M High Mast along with fixed Head frame Shaft, Accessories with lantern carriage suitable for 14 nos. of 2Kw flood light fixture(this provision is being made for future Expansion of flood lights). Mast Bottom dia : 700 mm, Top Dia : 200 mm. The Mast Hight is 21 metres with 4 meters of head frame (b) Each Mast must have a separate service trolley. (c) Three Sections 6 / 5 / 4 mm, Trailing cable 3C x 4Sqmm Cu Armd(210mtr per mast), PCD 730mm Min. with each mast Service trolley. Phillips, Crompton Greaves, Bajaj, Surya, GE, Ventura or Musco, Wipro, or equivalent manufacturer.	Nos	4		
2	Foundation bolt. Phillips, Crompton Greaves, Bajaj, Surya, GE, Ventura , Musco or equivalent manufacturer	Set	4		
3	Supply & Fixing of Aviation fixtures 2 nos per mast. LED TYPE Phillips, Crompton Greaves, Bajaj, Surya, GE, Ventura or Musco or equivalent manufacturer.	Nos.	8		
4	Supply & fixing of 2KW Flood Light Fixture or equivalent, suitable for Metal halide lamp. Advanced professional lighting for medium and large stadia, events and shows in large open areas. Compact die cast aluminum housing; low weight ideal for installation on High masts. High purity pre-anodized aluminum reflector system options for symmetric, asymmetric and circular light distribution with IP-65 Protection. Description of Flood Light fitting is as follows:- 1. Die cast Al body with low copper content with a high weather proof rating coated with silver polyester powder.	Nos.	28		

	<p>2. Anti ageing gaskets in silicon rubber</p> <p>3. Fixture suitable for 2KW short arc double ended lamp</p> <p>4. Hot deep galvanized sheet steel fixing brackets.</p> <p>5. Front tempered glass resistant to high temperatures and to thermal shock.</p> <p>Crompton Greaves, Bajaj, Surya, Osram, GE, Ventura , Masco or equivalent manufacturer</p>				
5	<p>Supply & fixing of 2Kw Metal halide gear tray to be fixed inside Control gear Control Rack (inside).</p> <p>(Control Gear is taken as integral part of Gear Tray. This control gear rack is fitted below the the mast on each pole. & racks are needed with a provision of 14 racks that can be added in future.</p> <p>Phillips, Crompton Greaves, Bajaj, Surya, Osram, GE, Ventura or Musco or equivalent manufacturer</p>	Nos	28		
6	<p>Supply & fixing of 2KW Double Ended Metal halide Lamp</p> <p>Crompton Greaves, Bajaj, Surya, Osram, GE, Ventura ,Musco or equivalent. 200 Lux level, CRI.= 70, CRI Watts chip on board LED, 6000 K Minimum Lux acceptable at different points is 120 Lux, Maintenance level is 0.8</p>	Nos	28		
7	Fixing of lightning finial	Nos	4		
8	<p>185sqmm 4 Core Cable for sub-station to High-mast Poles.</p> <p>Cables of standard make should be quoted.</p>	Mtr	2250		
9	<p>Supply of control panel housing comprising of suitable contactor circuits and other control accessories</p> <p>Crompton Greaves, Bajaj, Surya, Osram, GE, Ventura , Musco or equivalent make</p>	Nos	4		
10	<p>One extra control panel housing with load capacity of 100 KW & protection of IP-54 comprising of suitable contractor circuits and other control accessories.</p> <p>Crompton Greaves, Bajaj, Surya, Osram, GE, Ventura, Musco or equivalent make.</p>	Nos.	1		
	Prices before Taxes				
	Taxes as applicable				
	PART "A"	Total Value for Supply Part A			

	Erection/Commissioning Part:- Part - "B"				
1	Design, casting of suitable open raft shallow RCC foundation suitable considering safe soil bearing capacity of 10 T/sqmtr. Or as per calculation on the site	One Job	4		
2	2 nos GI Pipe earthing stations.	One Job	4		
3	Erection and Commissioning of High Mast Lighting System with modern engineering practices.	One Job	4		
4	Suitable RCC foundation for Installation of Control Panel	One Job	4		
5	Laying and commissioning of 185 sq mm cables for electric supply substation to High Mast poles (2250 meter).	Mtr.	2250		
Prices before Taxes					
Taxes as Applicable					
Total Value for Fixing Part PART "B"					
TOTAL VALUE -Part "A" SUPPLY PART"A"+ Part "B" FIXING PART					

		unit	quantity		Total Cost
	Part:- Part - "c"				
1	In case we extend the 2 Kw Metal Halide from 7 per mast to 14 per Mast .Give total cost of additional Lights (like gear trays7 per mast), Metal halides (extra 7 per mast), wiring, fitting charges etc.)				
Prices before Taxes					
Taxes as Applicable					
Total Value for Fixing Part PART "C"					
TOTAL VALUE SUPPLY PART"C					

Essential Conditions:

- 1- NABL accredited Testing lab is highly preferred for company to participate in tender.**Govt. of India approved testing lab will also be equally preferred as NABL accredited testing lab.**
- 2- IIT Sports ground/ Large and medium stadia/Large open area for events and shows Lighting work experience in needed.
- 3- Work experience for single Order value of Rs.1 Cr for Sport High-mast Lighting is needed.

PAYMENT TERM: 60 percent on receipt of All materials at site, 40% after the satisfactory installation and completion of work.

Other Terms:

1. Details of the standard samples to be provided by the company for testing the instruments at the time of installation at site for the demonstration of the performance of equipment.
2. Please provide the segmented quotation for each optional measurement capability.
3. The tender document should also indicate what kind of service/maintenance is required for the system. Whether this service has to be carried out by a company engineer or it can be carried by trained service personnel within India. The frequency of visit and the charges should be mentioned.
4. Bid should include all essential ancillary equipment and spares for its operation on turn-key basis on delivery (please provide list with details).
5. Pre-installation site preparation requirements to be indicated and specified along with the bid.
6. Installation and training should be provided free of cost.
7. Warranty period to be clearly mentioned and should begin from the date of installation. Annual Maintenance Contract should be clearly mentioned after warranty period.
8. Guaranteed specifications to be demonstrated at the time of installation. Any necessary standard samples for that purpose should be brought by the Service Engineers.
9. On – site training of our staff in operation and maintenance is essential by factory trained personal and provision for training of one of our staff at factory site.
10. Port of shipment to be clearly mentioned in the tender. The Port of destination shall be New Delhi.
11. Bid should include both FOB and CIF prices.
12. Shipment may be routed through an agent who may be appointed by the Institute.
13. Service manuals with complete circuit diagram and PCB layout for all equipment to be provided with the instrument.
14. Give Bankers name and address.
15. List of similar systems installed during the last ten years in India with contact person name, address, phone, fax and email Ids.
16. The vendor to provide compliance statement with respect to each technical specification in the tender document duly supported by the manufacturer's literature. Any other claim will not be accepted and may lead to rejection of the bid.
17. Printed literature in support of compliance to the prescribed specifications is to be submitted.
18. Compliance report needs to be submitted as a part of the technical bid.
19. In case during shipment period newer versions of software/hardware is available with vendor in lieu of the existing one for which Letter of Credit was opened, then improved version should be made available without any extra cost.
20. Institute reserves the right to visit installation in India of similar capabilities the details with regard to such installation should be given as a part of technical bid.
21. Technical evaluation by the Institute may include demonstration to verify functionalities and capabilities of the system quoted.

Services: Vendor must submit Factory Acceptance Test procedure supported with relevant printed literature and certificates.