

Minutes of Meeting

Dated: 14-Sep, 09

Agenda:-

Minutes of Pre bid meeting for Courts Lighting Tender at R.K. Khanna Tennis Stadium for Commonwealth Games-2010.

Members Present

AITA	: Col. Amarbir Singh
	: Mr. Pradeep Dadwal
SGLA	: Mr. Gaurav Lakhanpal
	: Mr. Harish Panwar
	: Mr. Lalit Sharma
GE India Industries (P) Ltd.	: Mr. Harbinder Singh
	: Mr. Arup
	: Mr. Dipankar Ganguly
PHILIPS	: Mr. G. Girish
	: Mr. Partha Karmakar
BAJAJ	: Mr. Anil Kumar

S.N.	Description	Point Raised By	Remarks	Clarification
1	All bidders have requested AITA/SGLA to submit their further queries latest by 16 th Sep, 09 till 5:00 pm in the evening in for of hard copy in sealed envelop with addressed to Project Manager-SGLA.SGLA will issue the reply against all observed points latest by 17 th Sep,09.			
2	It has been mentioned that bidder can quote for lower quantity if they are able to achieve lower lighting level with lesser luminaires.Quotes are asked for both BOQ and quantity as per lighting design. Acceptance it has been mentioned will be upto authority. The method of evaluation may please be clarified for preparation of comparative bid.	ALL BIDDERS	P-79,CI-3.1	It is clarified that this is an item rate BOQ based tender.However, the bidder must submit a detailed lighting design, to achieve the lux levels specified. In case the number of luminaires required by the bidder, is higher than the tender quantity, the same must be clearly specified. However, no extra amount shall be made payable on account of the additional luminaires.
3	Electrical system description is not clear and its interface with PLC is not clear, we require a SLD (Single Line Diagram) with PLC interface for quoting for the job.	ALL BIDDERS		This will be provided on 21.09.09
4	Layout showing control rooms is required.	ALL BIDDERS		This will be provided on 21.09.09
5	Concept of PLC is to be clearly detailed. Location of PLC panel and the administrative room is required in the drawing to evaluate the work.	ALL BIDDERS		PLC is to be integrated with the IBMS system. The control room is located in the media centre basement as per attached drawing. The PLC is to be provided only for the Centre Court and No. 1 Court. That is attached.
6	SCACA is mentioned, we suppose it will be SCADA.	PHILIPS	P-81	It is agreed It is SCADA,SCACA is typing error
7	Will PLC control all courts i.e. Centre Court,No-1 Court, match courts & practice courts,Is health monitoring required for the lamps, will it be individual of group.(No. of inputs/out puts and A/inputs break up is required.)	PHILIPS		The PLC is to be provided only for the Centre Court and No. 1 Court. HEALTH MONITORING IS REQUIRED AND IT WOULD BE FOR INDIVIDUAL LAMP
8	In the electrical panels contactors are required for receiving control signals from PLC, panels BOQ doesn't contain any contactors, please clarify.	PHILIPS		BOQ of panel and SLD is attached
9	PLC system detail will be depending upon the manufacturer e.g. Lithium battery is mentioned,64 KB SD RAM is mentioned these things are specific to one manufacturer, Lithium battery and SD RAM specifications may please be amended to suit system requirement of the supplier.	PHILIPS		Lithium and SD Ram can be manufacturer's design but should meet the overall requirement.
10	3-core x 4 sqmm cable will be required luminaire lighting on catwalks, multicore 8core/2.5 sqmm with 4 sqmm conductor will be required as part of BOQ.	PHILIPS		Item added in BOQ
11	CG box has been asked as an MS enclosure, Cast aluminum boxes should be allowed as they are designed for rugged performance and good heat dissipation.	PHILIPS	P-96/97	Pressure Die Cast Aluminum is to be provided.
12	CG boxes will they be placed on the catwalk? Catwalk should be suitably designed to take the load of CG boxes.	PHILIPS		CG boxes would be located on allied structures of the catwalk and load would be duly considered.
13	All items under instrumentation and control BOQ please be clarified as they don't normally form of sports lighting controls.	PHILIPS		This will be as per BOQ issued on 21.09.09
14	There are specifications of DG and transformers attached with the tender, please clarify they are not part of BOQ.	PHILIPS		Pl ignore the D.G..Sets /Not part of the tender
15	All meter & CT shall be class -0.5 accuracy-please change this to Class-1.0 for better delivery and competitive pricing.	PHILIPS		This has been noted and shall be as per class 1.0
16	MCCB protection & release not mentioned in the tender BOQ & specifications.	PHILIPS		As per BOQ and specifications submitted on 21.09.09
17	Halogen fixtures is rated at 230 V,this may please be amended with rating 250 V.	PHILIPS	P-97	It should be 230 V,Quote accordingly
18	2 KW Luminaire is asked with 1 KW CG box, seem a typing error needs to be corrected.	PHILIPS	BOQ 3.1	It should be 2 KW luminaire with 2KW CG box.,Quote accordingly
19	All MCB shall be 25KA-P1 change this to 10 KA for better delivery and competitive pricing.	PHILIPS	BOQ	It should be 25 KA-P1,Quote accordingly

20	As per technical specification all MCB shall have Microprocessor based trip unit with including fan data transfer & SCADA control for reliable protection and accurate measurement. Please confirm this is required or not. This seems to be a typing oversight the equipment for these specifications should be MCCB.	PHILIPS	P-110	This may be read as MCCB. And shall have Microprocessor based trip unit with including fan data transfer & SCADA control for reliable protection and accurate measurement.
21	We request clarification on the 3 stages of bid submission i.e. presentation, technical and price bid.	PHILIPS	P-4	It is clarified that the work would be awarded based on the total marks secured by the bidders. Marking will be out of 300. 100 for technical bid, 100 for financial bid and 100 for presentation. The technical and financial bids shall be opened on same day. The presentation date would be announced subsequently. The results would be declared after evaluation.
22	Extension is required beyond 18-09-09 as document from imported supplier is required.	PHILIPS		Extension for submission of technical and financial bid shall be on 03.10.09
23	Luminaire make to be incorporated in the list of approved makes in the tender.	GE		GE make is approved.
24	As per documents page no - 82 to 83 you have mentioned some BOM under section 1.6- CONTROL DEVICES ON MAIN CONTROL PANEL, queries is the same item is not shown in the Financial Bid so what should we consider that the item has to be supplied by Us or the owner?	PHILIPS		Quote as per B.O.Q provided on 21.09.09
Queries raised by Crompton Greaves Ltd through mail dated 15/9/09				
25	As per page no 95 to 97 , You have mentioned some light fitting that is 1X250 watt metal halide for gallery lighting, 1000 watt halogen for emergency lighting and 9 watt PI for ceiling lighting.	Crompton Greaves Ltd,		Quote as per B.O.Q provided on 21.09.09
26	As per documents page no 153 you have mentioned Technical Specification for 500 KVA panel but the same is not shown in Financial Bid should we have to quote for that if so then what will be the quantity?	Crompton Greaves Ltd,		Quote as per B.O.Q provided on 21.09.09
27	As per page no 149 you have mentioned Tech Spec for 500 KVA DG Set but the same is not shown in Financial Bid, should we quote for that if so then what will be quantity	Crompton Greaves Ltd,		Quote as per B.O.Q provided on 21.09.09
28	As per page no 125 you have asking some Technical data for MV Panel Board, but the same is not shown in the financial bid, should we quote for that if so then what will be quantity?	Crompton Greaves Ltd,		Data sheet need not be filled at the bidding stage. Please quote as per BOQ provided on 21.09.09
29	As per page no 130 you have asking some Technical data for 11 KV Panel Board, but the same is not shown in the financial bid, should we quote for that if so then what will be quantity?	Crompton Greaves Ltd,		Data sheet need not be filled at the bidding stage. Please quote as per BOQ provided on 21.09.09
30	As per page no 136 you have given some Technical data for 11 KV Switch Gear, but the same is not shown in the financial bid, should we quote for that if so then what will be quantity?	Crompton Greaves Ltd,		Data sheet need not be filled at the bidding stage. Please quote as per BOQ provided on 21.09.09
31	As per page no 139 you have given some Technical data for transformer, but the same is not shown in the financial bid, should we quote for that if so then what will be quantity?	Crompton Greaves Ltd,		This is not in scope of work for stadium lighting
32	Other than this there are some items which have mentioned in the Technical Specification from Page 77 to 163 but the same has not where mentioned in financial bid, So you are requested to clarify for the above mentioned quarries so that the quote will be clear for both of us.	Crompton Greaves Ltd,		Specifications are for standard items. Please quote only as per BOQ dated 21.09.09
GE India Industrial Pvt. Ltd.				
A Technical				
33	1. Provide correction in the list of approved makes for Luminaires since our make is already provided in the BoQ. We manufacture all kinds of Luminaires and lamps from Sl. No. 1.1 to Sl. No. 8 of your List of approved makes Page 164 of the tender document.			If it has been mentioned in BOQ, it is part of list of approved makes. Material not forming part of list of approved makes or BOQ shall not be allowed.
34	2. We are enclosing our Switchgears Catalogues for your kind perusal along with the equivalent model numbers as under and request you to kindly incorporate the makes on pages 167 – 171 as per the details below.			Not Allowed
35	a) Item #11, Page 167 – GE (Spectra) catalogue enclosed			Not Allowed
36	b) Item #23, Page 168 – GE (Guardline)			Not Allowed
37	c) Item #27, Page 169 – GE (Spectronics)			Not Allowed
38	d) Item #6, Page 170 – GE instead of “GE Alstom” as a correction.			Allowed
39	e) Item #7, Page 170 – GE (Guradline)			Not Allowed
40	f) Item #15, Page 171 – GE instead of “GE Alstom” as a correction.			Allowed
41	3. The item of Foundation of masts is missing in the BoQ. Further the “indicative drawing” of foundation has not been provided. Please confirm the following:			

42	a) Kindly provide the indicative drawing of foundation			This is not part of scope of bidder. But based on the shop drawing and load provided by successful bidder, foundation shall be made by civil work contractor.
43	b) Please confirm if the prices of High mast items are to be quoted including the SITC of Foundation. Normally it has been observed that Foundation of masts is a separate item from the High masts.			This is not part of scope of bidder. But based on the shop drawing and load provided by successful bidder, foundation shall be made by civil work contractor.
44	4. Refer Item No. 2.1 (High masts) on page 165 of the tender document. Only imported makes of High masts are approved. We request you to kindly approve Indian makes too viz. M/s Aster Teleservices, M/s BPP which have a rich experience in Stadium Lighting masts and have supplied masts upto the heights of 60 – 70m for various stadiums.			Not Allowed
45	5. It is found that there are two lists of approved makes which are not matching each other. For example Item of LT Panels – there are different makes contradicting each other on page 169 and Page 170. Please clarify.			Quote as per list of Approved makes of page 169
46	6. Please refer item No. 1 – 7 under the heading “Panels” of the BoQ on page 198 – 200 of the tender documents. We request you to kindly provide the SLD and GA drawings of the panels.			SINGLE LINE DIAGRAM is attached
47	7. While we understand that the mast locations have been finalized, we request you to kindly furnish the detailed mast locations along with the field layout in auto cad format. Similarly for indoor courts, we request you to provide the luminaire layout in autocad format.			There are no indoor courts. We will provide you the soft copy of the site plan. A detailed lighting design drawings to meet the desired lighting levels to establish the location of the mast/ luminaires.
48	8. Please refer clause 7.1.4 Page 99 of tender documents for Soil testing report. The same has not been provided. Please provide.			Soil testing report not to be provided since foundation is not part of scope of work of tenderer
49	9. The position of CG racks is not provided in the drawings. Please confirm the IP ratings of the CG Racks and also clarify if these shall be installed close to the masts in covered rooms or in open space.			CG rack is not required for centre court and no.1 court. It shall be provided for twin match courts. The rack will be suitable for mounting 10 Nos. of CG boxes and should be outdoor type.
50	10. Please refer BoQ item No. 1. The model name of our luminaire is EF 2000 Plus and in 1000w, the model name shall remain same but only the wattage shall change. Please amend accordingly.			Agreed
	B Commercial			
51	1. Items from Sl. No. 5.1 to Sl. No. 8 of page 166 of tender document are not appearing in the BoQ. Please clarify its usage and kindly update the BoQ.			Please quote as per BOQ provided on 21.09.09
52	2. The mast specifications at page 98 state that the sheet thickness and top & bottom diameters shall be decided based upon design. However, we find that the drawing contains maximum details pertaining to the same. Please clarify whether the quotation shall be design based or BoQ based.			These should be minimum dimensions. However if the bidder feels that higher dimensions are required, the drawing for the same shall be submitted by bidder and allowed after assesment by our consultants.No extra amount shall be payable from BOQ and bidders must factor this in their bid.
53	3. As per Item No. 1, 2 and 4 of the BoQ (refer page 196 and 197 of the tender documents), we find that the number of Luminaires with and without CG Boxes have not been segregated. We understand that all 1 Kw Luminaires are with CG Boxes. However, we request you to kindly segregate the number of Luminaires with and without CG Boxes in the BoQ so as to have a correct pricing being offered to the client.			All luminaires are with CG boxes. Location shall be as per point No.49
54	4. Refer Page #7 of tender documents clause 4 – The tender fee stated is Rs. 1500/-. However on page 173 under heading “Technical Bid”, the tender fee stated is Rs. 2000/-. Please clarify.			Tender fee is Rs. 2000/-

55	5. Please refer page 81 of the tender documents. It is stated that the number of 1000w Luminaires for International events should be 120 Nos. However the BoQ demands only 100 No. of such Luminaires. Please clarify / provide the updated BoQ.			Please quote as per BOQ provided on 21.09.09
56	6. Similarly for Page 86, the above point may please be clarified.			Please quote as per BOQ provided on 21.09.09
Bajaj Electricals Limited				
57	1) <u>Page no. 6 of 667 – Clause no. 3 – Marking scheme</u> : Kindly explain the weightage for financial score. Normally after the technical bid evaluation, price bids of only qualified bidders are opened and the work is awarded to the bidder who has quoted the lowest amount.			As already mention in point 21 above
58	2) <u>Page nos. 10 and 11 of 667 – Clause no. 23 – Completion schedule</u> : While the overall completion period of 4 months is acceptable, the milestones indicated are not practical. These should be as under:			This is agreed
	· 25% completion within 60 days.			
	· 60% completion within 90 days.			
	· 100% completion within 120 days.			
59	3) <u>Page no. 79 of 667</u> : We need soft copies AUTOCAD drawings plan and sections for all arenas, i.e. Centre court, court no. 1 & match courts and practice courts. This is required to carry out illumination design and verify the quantity as specified in the tender. We also need camera height and location for centre court, court – 1 and match courts.			Most of These will be provided. Further we shall provide site plan also. Camera height shall be as per requirements of Host Broadcaster.Soft Copies of sections, plans, site plan are attached
60	4) <u>Page no. 78 of 667 – Clause no. 2.3</u> : PPA defined in specifications represents the court dimensions. We presume that the specified lighting levels are for PPA area only. Please confirm and also please specify the values to be achieved on TPA.			Refer Tender drws for Area.
61	5) <u>Page no. 81 of 667 – Qty of flood lights for centre court</u> : Quantity of flood lights mentioned in the table on this page does not match with quantity of flood lights defined on page no. 80. Please clarify.			Qty must be as per B.O.Q
62	6) <u>Page no. 95 of 667 – Clause no. 2.7</u> : 250W MH flood lights are specified for general lighting of spectators gallery for centre court and court no. 1. Please confirm whether these flood lights are integral type or non integral type, since there are conflicting descriptions on page no. 95 and 96. Also 1kW halogen flood lights have been indicated for emergency lighting and 1x9W CFL bulkhead fittings are specified for catwalk internal lighting. All these above items are not appearing in the BOQ. Please clarify the requirement.			The 250 w fixtures are integral.Please refer to the BOQ issued on 21.09.09
63	7) <u>Page no. 86 of 667 – Qty of flood lights for court no. 1</u> : Quantity of flood lights mentioned in the table on this page does not match with quantity of flood lights defined on page no. 85. Please clarify.			Strictly follow the B.O.Q
64	8) <u>Page no. 79 – Clause no. 3.1</u> : It is noted that bidders can offer alternative lighting design. However please clarify whether the evaluation will be done on the basis of BOQ quantities or on the basis of design quantities.			As clarified in point No.2
65	9) <u>Page no.91/ 92 – Clause no. 5.1 & 5.2</u> : We shall offer 1kW and 2kW flood lights from the approved makes as per their product specifications. Please confirm.			It is clarified that in case of sports lighting the bidder has to be the manufacturer of sports lighting fitting which he/she would be providing for this tender(mentioned in item 1 and 2 of BOQ) and has to provide the products from their own manufactured range. Rest of materials as required by BOQ shall be as per list of approved makes.

66	10) <u>Page no 99 of 667 – Clause no. 7.1.4:</u> Soil investigation report at the mast locations is not available. Please furnish the same for foundation design.			As clarified above, the foundations are not part of the scope of this tender.
67	11) <u>Page no 114 of 667:</u> Specifications for 11kV switchboard, transformers, 500kVA DG set etc are indicated in subsequent page. However these items are not appearing in the BOQ. Please clarify whether these are included in our scope or not.			Already clarified above.
68	12) <u>Appendix –C:</u> Drawing of control gear rack for centre court and court-1 has been shown. Please confirm that control gears for the flood lights required for these courts shall be housed in these control gear racks and separate control gear boxes as specified under fitting description are not required. Also the drawing shows control gear racks for 2kW flood lights whereas for these courts, 1kW flood lights are being used. Please clarify.			For Centre Court and Court 1, CG rack shall be placed on the catwalk and its allied supporting structure. For the twin match courts the control gear shall be in CG boxes mounted on the rack close to the mast. Bidder may provide an appropriate rack design while quoting.
69	13) <u>List of makes:</u> It is observed that Bajaj make is not approved for high masts. This is really surprising since there are more than 10,000 nos. of Bajaj masts installed all over the country and even abroad. Bajaj is the leading company in high masts. We request you to approve Bajaj make for high masts with our own design. Similarly we request you to approve Bajaj name for 250W metal halide flood light fixtures also.			The mast shall be imported mast only. 250 W metal halide flood light fixture is approved.
70	14) <u>Page no 171 of 667:</u> As per note given on this page, approved makes are given in the order of preference and bidders have to quote for makes of first preference only. This is not acceptable and bidders shall have the choice of quoting for one of the approved makes. Please confirm.			Yes this is agreed
71	15) <u>Page 173 and 174 of 667:</u> Our observations on the pre-qualification requirements are as under:			As already mentioned in the tender/this has been cleared in the meeting that on the based on technical evaluation and financial evaluation.
72				
73	a) Similar works means courts lighting: Does this mean that only tennis court flood lighting works shall be counted and sports lighting works for other games such as cricket, hockey, football etc. will not be considered? Estimated cost of the subject tender is 640 lakhs. To satisfy the condition of one similar work, the value of executed job should be 320 lakhs. This is a very high value for tennis court lighting.			It is agreed that similar works would imply sports stadium lighting (arena lighting for any sports stadium) for field of play.
74	b) What is the meaning of own manufactured materials? Which materials shall be considered?			Own manufactured materials shall mean only for the principal equipment of sport lighting. Other materials shall be as per list of approved makes.
75	c) Will stadiums hosting national games be considered or not?			This shall be as per tender.
76	d) What is the meaning of in countries with similar weather conditions as Delhi? Does this mean that stadium lighting works in other cities of India with different weather conditions will not be considered?			It is clarified that in case the work has been done in other countries, the weather conditions in the other countries should be similar to New Delhi. In case the work has been done in India, then other cities is acceptable.
77	The pre-qualification requirements specified seem to be biased towards a particular company and do not fulfill the requirements of fair tendering practices. These type of conditions will act as deterrent to other deserving parties to quote in the tender. Please give your views and clarifications on the above.			Similar pre-qualification requirements have been projected in other tenders also and these have been conducted without and concerns from the bidders. This is a very vague statement, which is not in line with the spirit of participation of a bidder. A serious view is being taken on the conduct of the various bidders. It is clarified that while the tender process is aimed at being fair, this does not imply that all conditions be relaxed so as to award work to bidders who do not qualify. It is further clarified that all bidders must give an undertaking from their respective manufacturing facility as mentioned in the tender that "The applicant should be a manufacturer of 2KW and 1KW sports lighting flood light luminaries of international repute" under signature and seal of the company's authorized Power of Attorney. Failure to produce this document will result in rejection of the bid. To increase participation please read relevant clauses of tender and also response of item 78 below. As per tender any such negative statement amount to an attempt to influence the working committee of AITA and may render the bidders liable for rejection.

78	16) <u>Initial criteria for eligibility</u> : The criteria specified are designed to suit only one particular company and are not in line with the normal PQ criteria followed by all other agencies executing the commonwealth games sports lighting packages. Also as per this clause the lighting manufacturer can associate with some company for executing the works, whereas as per condition mentioned on page no. 173, joint bids are not acceptable. Please clarify the exact requirements.			This statement is completely unacceptable. It is clarified that for the work of providing and fixing of field of play lighting fixtures, the bidder has to manufacture the sports lighting fittings. For the items of masts, cables, electrical panel, PLC, the bidder may engage the resources of other companies as mentioned under subhead 7 of technical bid. However, the contract would only be signed with the bidder. Hence the lighting manufacturer can associate with other companies for masts, cables, electrical panel, PLC. As per tender any such negative statement amount to an attempt to unduly influence the tender and may render the bidders liable for rejection.
79	17) <u>Page no. 181 of 667</u> : We do not understand the requirement stated under point no. 6 given on this page regarding site infrastructure where chairs are installed!!!			The point is deleted.
80	18) <u>Page no 197 of 667 – BOQ item no.2</u> : Please clarify the purpose of unit rate for lamps to be quoted since the lamps are included in the rate for flood light quoted against item no. 1.			This item is rate only. Rate should be quoted but not the amount.
81	19) <u>Page nos 198 to 200</u> : From the description of all electrical panels, it is observed that there are no contactors specified for the selective switching purpose. Therefore it is not clear as to how the PLC shall control the switching stages. Please clarify and provide us single line diagrams for the electrical distribution and control systems.			This shall be provided.
82	20) <u>Page no 203 of 667 – item no. 5.0</u> : Please provide technical specifications for lux sensors.			This item is deleted
83	21) <u>Page no 203 of 667 – item no. 6.0</u> : Please clarify the requirement of integration of sports lighting and exit lighting.			This item is deleted
84	22) <u>Page nos 217 to 667</u> : It is observed that 450 pages of illumination design print outs of M/s Philips are enclosed as part of tender. Are we required to sign and stamp all these pages? Please appreciate that we shall not be in a position to confirm design done by other company.			A preliminary design has been prepared by the lighting consultant using Calculux software and not by M/s Philips. This was only provided for the benefit of the bidders, since on account of the limited time for bidding, they are empowered with a basic understanding of the design. The bidder will have to submit their own designs, which would be assessed by our technical team. The copies of the indicative design were to help the bidders for information. These shall not be submitted back along with the tender.
85	It is also clarified that in Form B of Technical bid " March 2007 " to be amended to "March 2008"			
86	Under Form A, SUBHEAD 3C OF TECHNICAL BID , THE SOLVENCY SHOULD BE OF Rs. 5 Crore instead of Rs. 1 Crore AS MENTIONED IN SUBHEAD 7.4 OF TECHNICAL BID			