

NATIONAL GAMES SECRETARIAT

Corrigendum No.2

Name of Work : Design, manufacturing, supply, installation, testing and commissioning of Flood lighting system at University Stadium, Thiruvananthapuram

Tender No. : 40/NGS/2013-14 dated 13.08.2013

This corrigendum is published based on the queries were raised by various bidders in the pre bid meeting held on 29.08.2013.

Sl. No.	Queries	Clarifications
1	Since it is a two part bid, we request you to kindly define one particular amount of EMD for all bidders instead of linking to quoted value. We would also request you to consider accepting bank guarantee for EMD instead of DD as specified	EMD is fixed to Rs. 5 lakhs. The EMD in the form of DD/Bank guarantee from a scheduled bank / Nationalised Bank in favour of the Chief Engineer, National games secretariat, Kerala state is acceptable. The format of the bank guarantee is enclosed with this document.
2	Kindly confirm whether import duty exemption is available for this project. NGS shall be responsible for providing necessary exemption certificate to successful bidder for availing exemption. Kindly confirm.	The customs duty exemption is available for the sports items. As mentioned in tender clause 13.3 of ITB, the bidder has to obtain all forms, documents, Govt. directive as regards to custom duty exemption and duly fill the same on his own risk and cost. The NGS will assist the bidder by stamping and signing the custom duty exemption documents.
3	In view of involvement of imported flood lights as well as extensive civil works for clearing stands for mast erection etc. it is requested to accept completion period of 6 months instead of 4 months as specified.	Alteration of completion period is not possible
4	Please confirm whether the 1% deduction towards Kerala State Construction Workers Welfare Fund Board is on total contract value or Value of erection portion	The 1 % deduction towards Kerala State Construction Workers Welfare fund is on total value of contract.
5	It is requested to provide construction water and power at one point at no extra cost.	As mentioned in Tender clause 100.1 and 100.2 of Special Conditions of Contract, the construction water and power shall be arranged

		by the contractor at their own cost. Necessary consent for water and electrical connection will be made available by NGS
6	In view of small completion period of the project, the requirement of providing site office for Consultant use may not be insisted upon. Kindly confirm.	The space for site office shall be provided by NGS, The furniture shall be provided by the bidder.
7	<u>Terms of Payment:</u> It is requested to accept following terms of payment: a) 10% of contract value as interest free advance against submission of bank guarantee for equivalent amount valid till completion period. b) 75% of contract value on pro-rata basis against delivery of equipment at site. c) Balance 15% of contract value against commissioning of the system and against submission of performance bank guarantee for 10% of contract value valid till defects liability period.	Change in the payment terms are not possible. No mobilisation advance is possible as per tender norms.
8	<u>High Mast foundation:</u> Kindly provide us the soil bearing capacity data (SBC) at all four mast locations as suggested in the drawing of the NIT to enable us to design the civil foundation for high masts.	The soil structure is very suitable for erecting high mast. No deep foundation is required at site. If piling is found to be essential at any of the high mast location, the additional foundation work will be settled as extra, as per Kerala PWD SoR 2012
9	Arrangements of DG's for testing and commissioning of the flood lighting system may please be arranged by NGS.	As mentioned in section 1.1 of technical specifications of contract and item No. 13 of boq, it will be in the scope of the bidder.
10	As per standard practice double drum winch and motor arrangement for man-rider cage is provided inside the base compartment of each mast and the man-rider unit is common for all 4 masts. Please confirm.	As mentioned in the section 2.1 of technical specification and item No. 2 of boq, the double drum winch and motor arrangement for man-rider cage is provided inside the base compartment of each mast and the man-rider unit is common for all 4 masts
11	Please confirm the location for Main Panel (DG Synchronization Panel). This is required to estimate lengths of cables from the same to each High mast panel.	The drawing indicating the location is enclosed with this document.

12	Kindly confirm whether the earth electrodes shall be Copper Plate OR GI plate. In case of copper plate, the size can be 600x600x3mm thick instead of 6mm thick as specified in NIT.	The GI plate electrode with 600x600x6 mm thick is sufficient. Necessary correction will be made in the BOQ at the time of execution of agreement.
13	Kindly specify the number of earth pits required for earthing of one set of equipments comprising of high mast, mast panel and CG racks. Also please clarify whether separate earth pits are required for lightning protection.	For each set of equipments, two earth pits are required. Separate earth pit is required for lightning protection.
14	Kindly clarify whether separate GI strips are required from lightning finial on the mast up to earth pit at the bottom OR body of the GI mast can be considered as down conductor.	Separate GI strip is required from lighting finial on the mast up to earth pit
15	Kindly provide detailed single line diagram of the DG synchronization panel	The single line diagram will be enclosed with this document
16	<p><u>Bill of Quantities</u></p> <p><u>Sl. No. 1:</u> Kindly provide details of chain link fencing required for each mast. Min. Ht of the mast should be 46mtr at the centre of the head frame if IAAF guideline is to be followed. NIT specifies minimum height as 40mtr @ centre of head frame. Kindly confirm the requirement.</p> <p><u>Sl. No. 8:</u> Kindly specify the voltage drop limit for determining the cable sizing. (Normally for trouble free striking of the metal halide lamp it is advisable to limit the voltage drop within 3% at the fixture end.)</p> <p><u>Note no. 5:</u> Kindly clarify whether the payment for items defined as "1 job" or "LS" shall be limited to amount quoted or shall be made as per actual quantities installed.</p>	<p>The drawings of chain link fencing are enclosed with this document.</p> <p>It is clarified that, While quoting, the Min. height of the Mast shall be as per the clause no. 5.1.4.2 of IAAF track and field facilities manual 2008. The bidder can provide more height if their design warrants so, without additional claim from NGS</p> <p>It is already mentioned in the section 2.7 of technical specification that, while selecting the cables, voltage drop should not exceed 3 %.</p> <p>Payment for items defined as 1 job" or "LS" shall be limited to amount quoted.</p>
17	We request to include 'Disano-Italy' make 2KW floodlight fixtures in the 'List of Approved Make of Equipment and Materials'. Credential certificate of the same is being attached.	Already, there are 4 brands specified in the tender. You can select from any of the approved makes.

18	For HM 1 & 2 – adjacent roads needs to be blocked during erection of the mast. Necessary permission for blocking the roads during mast erection will be arranged by the client.	Necessary support for blocking the road not more than 2weeks shall be provided by the NGS.
19	Temporary Food stalls near HM 4 – are to be shifted for easy / safe erection activity.	NGs will give the necessary support.
20	Soft copies of the drawing of the stadium are to be provided marking the Finish line for the athletic track.	The drawing is enclosed with this document.
21	Lighting level as specified are to be provided on the entire field including the long jump pit area. Please confirm whether proposed Warm-up track & Basket ball court area are to be covered under High Mast lighting.	The entire field to be considered as single entity.
22	Anti-panic lighting, in the event of power failure – whether required?	Not required, as there other sources of lights in the stadium.
23	Bid validity period asked is too long (120days). Looking into the current fluctuations in foreign currency exchange rates, bid validity may kindly be restricted to 30days. If no decision is taken within this time period, then bid validity may be increased with written confirmation from the bidder.	Changes in the tender condition are not possible.
24	As per Technical Specification – Page: 66 – we understand that the high mast are to be suitably designed to carry additional floodlights for providing Ev=1000lux in the entire stadium. Panels & control gear racks should have provision for extra switch gears with suitable ratings. Kindly clarify whether extra cables for additional floodlights are to be considered in the bid.	The main cable to high mast should be suitable for EV =1000 lux in the entire stadium in future
25	Bidder should be a manufacturer of 1.5kw/ 2.0kw sports lighting. Does this mean the only foreign manufacturers can participate as main bidders or can their Indian authorized dealers also participate as the main bidder?.	It is confirmed that authorized Indian dealers can also participate as the main bidder.

26	The average annual lighting division turnover of bidder should not be less than 25 crores in last 5 years. Is this the lighting division turnover or the sports lighting division turnover?	It is the lighting divisions turn over. The clause No. 4 (d) in the IFB shall be read as “The Average annual lighting division turnover of the bidder should not be less than 10 crores in the last five years”.
27	Can the copy of A grade contractor license issued by KSEI be submitted after the award of work? As this will give the prime bidder flexibility in selecting the best option for the project.	The bidder can submit three or four options along with the technical bid, the selected bidder shall take approval from NGS before finalizing the A grade contractor.
28	Constructional features of the floodlights shall vary as per each manufacturers patented designs and technology. None of the approved makes of floodlights shall be rejected on this account as long as it meets with the basic intent of the specifications and achieves the design requirements.	It is clarified that, slight variation in the constructional features is allowable, if it matches with technical specification and IAAF MANUAL 2008.
29	High Mast Panels – Each make of lighting system have their patented control systems and switching ON sequence and as such must be permitted to use their own control system that meets with the intent of the specifications and the power supply system.	Before starting the execution, the bidder shall submit the detailed drawing to the engineer in charge and the work will be started only after getting approval from the engineer in charge.
30	Compatibility of the floodlight fixtures to 3 different makes of MH lamps is not acceptable. This tender is for sports lighting application and not some general area lighting application where cheaper technology fixtures and lamps can be used and interchanged. Every specialist sports lighting manufacturer has the right to develop the latest technology and have patented products and as such this clause gives an undue advantage to companies offering older technology systems with	It is informed that ,The clause specifying “the flood light fixtures are suitable to 3 different makes of MH lamps” is removed from the tender document

	less warranty.	
31	AutoCAD layout copy of the stadium layout and the sectional drawing of the main pavilion and of the spectator gallery	AutoCAD cad copy the stadium layout indicating the panel location and cable layout will be supplemented by mail in specific request from bidders. The sectional drawings are not available. If any additional data are required, the bidder has to take the actual measurement from the site at their own cost.
32	Color temperature of the lamp to be changed to 5600K and CRI>90 for color television coverage by all bidders	You are requested to follow the tender specifications ie CRI \geq 80.
33	Position and height of the camera.	The position and height of the camera is enclosed with this document.
34	Luminaire glass thickness is mentioned as 4/5 mm in the tender whereas the product specified from Philips (Arenavision) having the glass thickness of 1.6 mm.	Chemically tempered toughened glass of reputed manufacturer can be used.
35	Only single option to be allowed - Philips (Arena Vision), Bajaj (Abacus Challenger3), GE (EF2000) for commonality.	The Make list for the flood lighting fixtures is modified as Philips (Arena Vision MVF 403), Abacus (Challenger3), GE (EF2000) , Musco (LSG)
36	Civil works that need to be carried out for the execution of lighting are in the scope of the contractor.	It is already mentioned in the section 1.1 of technical specifications of contract and item No. 12 of the boq.
37	High mast Position	The position indicated is tentative. Contractor can suggest the optimum location as per their design.
38	Defect liability will be one year if the bidder chooses to go for a DLP of 1 year.	It is clarified that the defect liability period will be one year if the employer accepts the offer one year and it will be three year if the employer accepts the offer for 3 years.
39	Extension of date of submission of tender.	The last date of bid submission is post poned to 19.09.2013
40	Switching to be done manually/automated.	Follow the tender specifications.
41	Clause 3(h) in page no. 8	It is clarified that , the contractor can

	<p>Proposals for subcontracting components of the works amounting to more than 10 percent of the Bid Price(for each, the qualifications and experience of the identified sub-contractor in the relevant field should be annexed); and</p> <p>Does this means erection work only.... As supply material will be from approved makes only</p>	<p>subcontract the erection part of the work.</p>
42	<p>Page – 17 Clause 31.1 The Defects Liability period: - The bidder has to submit two offers with defect liability period for 3 calendar years or 1 calendar year from the date of certification of completion of works. The employer will have the right to accept any of the offers.</p> <p>Kindly clarify the number of hours system will be used every year. How will they decide if two different bidders are L1 in both options.</p>	<p>Employer will have the right to accept any of the offers</p>
43	<p>Page – 18 Clause – 32 Arbitration shall not be a means to the settlement of any disputes arising out of this contract. Any dispute arising out of this contract between the parties thereto shall be handled in accordance with clause 3 of the Special Conditions of the Contract.</p> <p>There is no clause 3 in SCC as mentioned</p>	<p>The clause 32 in special conditions of contract shall be read as Arbitration shall not be a means to the settlement of any disputes arising out of this contract. Any dispute arising out of this contract between the parties thereto shall be handled in accordance with clause 58 of the Conditions of the Contract.</p>
44	<p>Page – 35 Clause – 7.2</p> <p>All bidders are expected to indicate clearly in the bid, if they propose to sub-contract parts of the works</p>	<p>It can be finalised after the ward of contract ,but approval from NGS shall be taken.</p>

	<p>amounting to more than 25 percent of the Bid Price. For each such proposal the qualification and the experience of the identified sub-contractor in the relevant field should be furnished along with the bid to enable the employer to satisfy himself about their qualifications before agreeing for such sub- contracting and include it in the contract. In view of the above, normally no additional subcontracting should arise during execution of the contract</p> <p>Sub-contractor will be finalized after receiving the order and approval will be taken after that.</p>	
45	<p>Page – 37 Clause – 13.1</p> <p>The Contractor shall provide, in the joint names of the Employer and the Contractor, insurance cover from the date of commencement to the end of the Defects Liability Period, in the amounts and deductibles stated in the Contract for the following events.</p> <p>Generally insurance is taken till the completion of the project not till defect liability period.</p>	<p>It is clarified that general insurance is required till the completion of the work.</p>
46	<p>Page – 42 Clause – 38.1</p> <p>The Contractor shall submit to the Engineer part bills of the work completed at intervals not less than sixty days</p> <p>Since this project is to be executed in 120 days submission of part bills should be allowed at an interval of 30 days.</p>	<p>It is clarified that , part bills shall be allowed at an interval of 30 days.</p>
47	<p>Page – 51 Clause – 96</p> <p>The contractor would engage at his own cost a diploma holder (Civil</p>	<p>Since the erection of the high mast included the civil engineering works, the person with civil engineering back ground is also required at site.</p>

	<p>Engineering) with sufficient practical experience for the proper execution and supervision of works costing from upto Rs. 25 lakhs and one Engineering Graduate and one diploma holder (Civil Engineering) for works costing Rs. 25 lakhs upto 1 crore and one Engineering Graduate and two diploma holders for works costing over Rs. 1 crore for one or two years according to the tenure of contract.</p> <p>As maximum work is electrical work so no person with Civil engineering back ground is required at site.</p>	
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Sd/-

Chief Engineer

National Games Secretariat

BANK GUARANTEE FORMAT FOR EARNEST MONEY DEPOSIT

To

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WHEREAS _____(Name of Bidder) (hereinafter called "the Bidder" has submitted its Bid dated _____ (Date) for the execution of (Name of Contract)_____ (hereinafter called "the Bid") in favour of _____ hereinafter called the "Employer";

KNOW ALL MEN by these presents that we, _____(name of the issuing Bank), a body corporate constituted under the _____having its Head Office at _____amongst others a branch/office at _____ (hereinafter called "the Bank" are bound unto the employer for the sum of Rs_____ (Rupees_____only) for which payment well and truly to be made to the said Employer, the Bank binds itself, its successors and assigns by these presents;

THE CONDITION of this obligation is:

If the bidder withdraws or amends their offer of empanelment before finalization of empanelment by the employer,

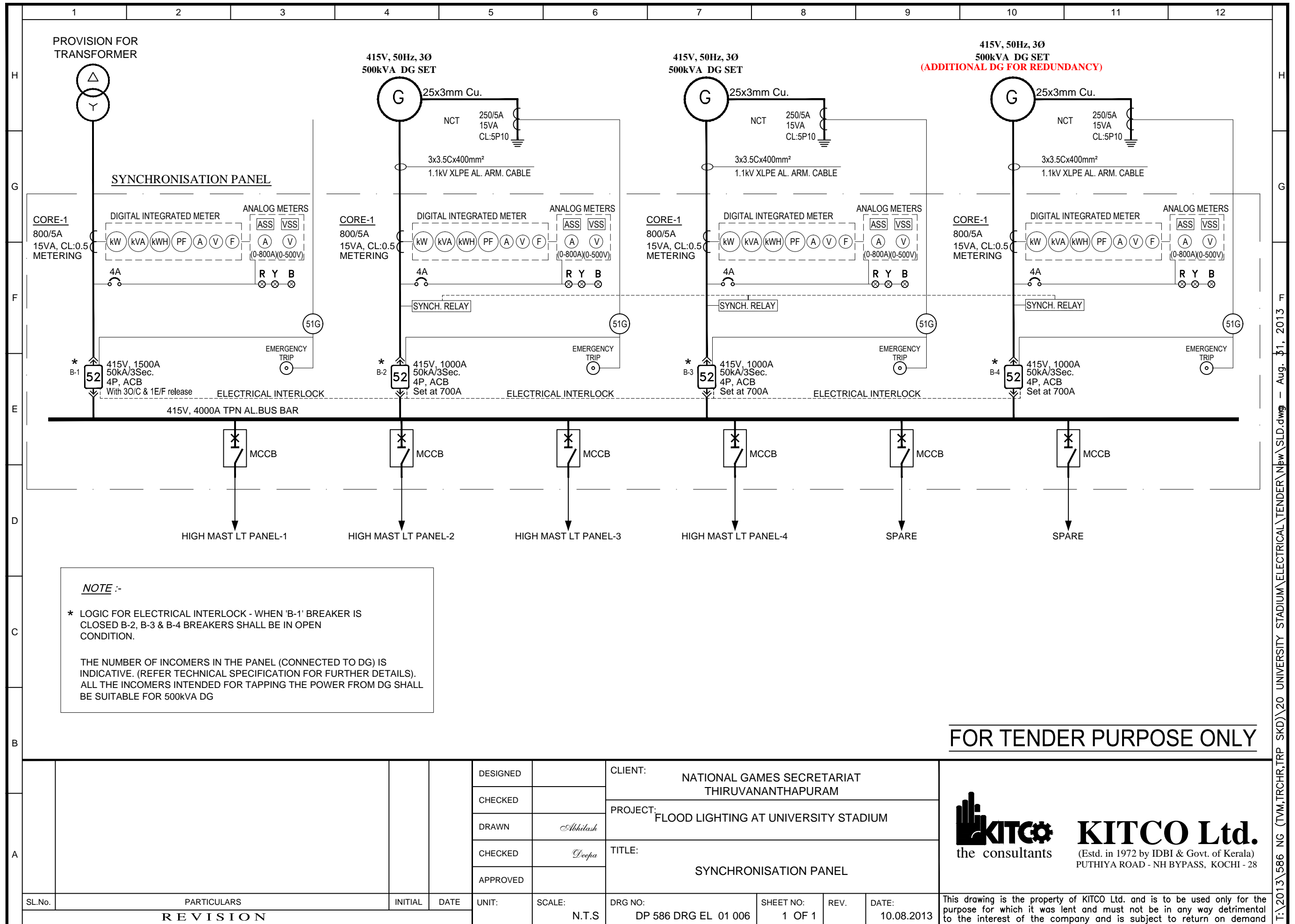
We undertake to pay to the Employer up to the above amount upon receipt of his first written demand without the Employer having to substantiate his demand, provided that in his demand the Employer will note that the amount claimed by him is due to him owing to the occurrence the above condition.

Notwithstanding anything contained herein

- i) Our liability under this Bank Guarantee shall not exceed Rs._____ (Rupees _____only)
- ii) This Bank Guarantee is valid up to _____ and
- iii) We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only and only if you serve upon us a written claim or demand on or before _____(mention period of guarantee as found under clause (ii) above plus claim period)

Dated _____ day of _____ 20_____

SIGNATURE OF THE BANK



FOR TENDER PURPOSE ONLY

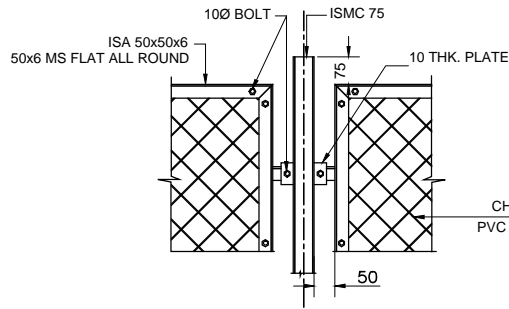
A	DESIGNED		CLIENT:	NATIONAL GAMES SECRETARIAT THIRUVANANTHAPURAM					
	CHECKED		PROJECT:	FLOOD LIGHTING AT UNIVERSITY STADIUM					
	DRAWN	<i>Abhilash</i>	TITLE:	SYNCHRONISATION PANEL					
	CHECKED	<i>Deepa</i>							
	APPROVED								
SL.No.	PARTICULARS	INITIAL	DATE	UNIT:	SCALE:	DRG NO:	SHEET NO:	REV.	DATE:
	REVISION				N.T.S	DP 586 DRG EL 01 006	1 OF 1		10.08.2013

KITCO
the consultants

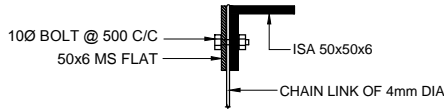
KITCO Ltd.
(Estd. in 1972 by IDBI & Govt. of Kerala)
PUTHIYA ROAD - NH BYPASS, KOCHI - 28

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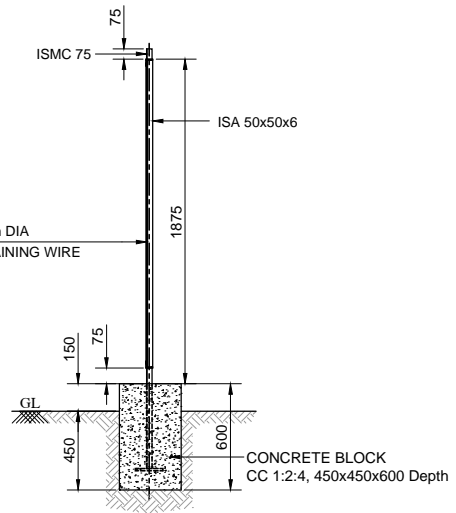
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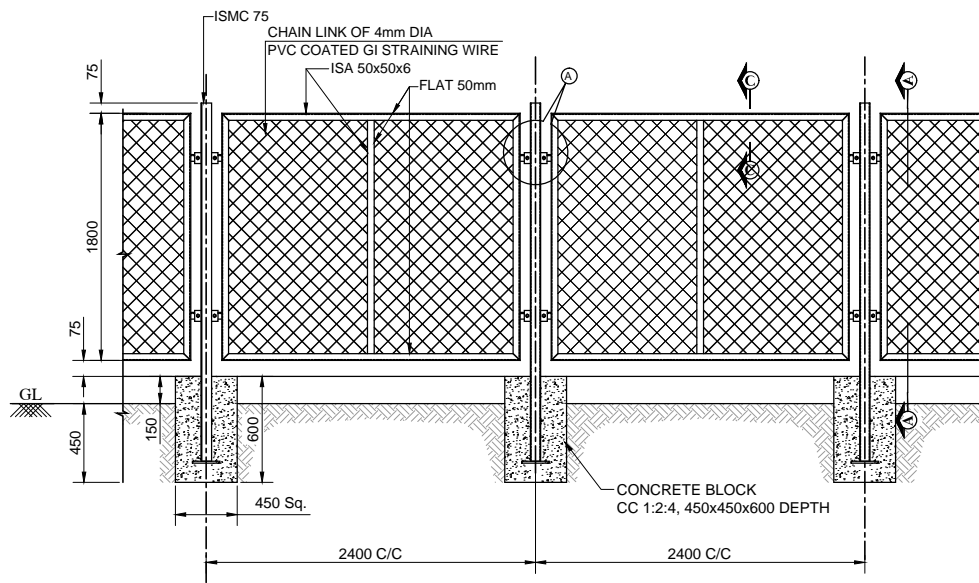
DETAILS AT 'A'



SECTION - CC



SECTION - AA




ELEVATION

NOTES:

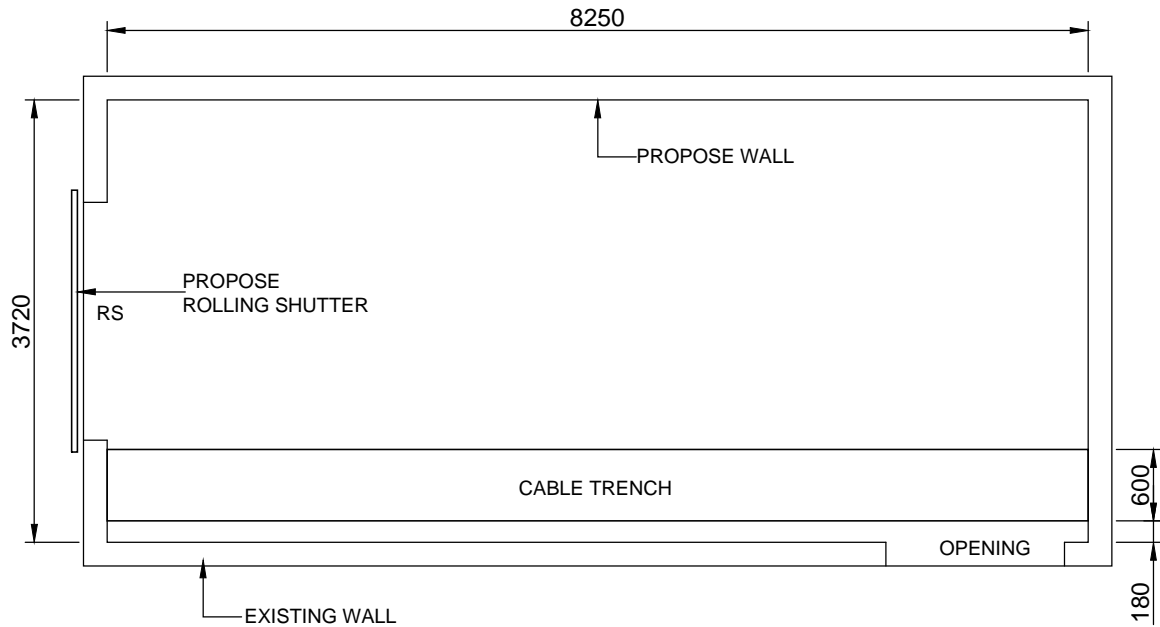
1. ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS ARE IN METERS.
2. ONLY WRITTEN DIMENSIONS SHOULD BE FOLLOWED
3. ALL WELDS ARE 6mm CONTINUOUS FILLET WELD.
4. WELDING SHALL BE DONE AS PER IS : 9595 (Latest), IS : 816
5. STRUCTURES TO BE PAINTED WITH ONE COAT OF PRIMER AFTER FABRICATION AND ANOTHER COAT OF PRIMER AND 2 COATS OF SYNTHETIC ENAMEL PAINT AFTER ERECTION
6. ALL MS BOLTS AND NUTS SHALL CONFORM TO IS:1363 & 1367 (Latest)
7. THE WELDING TO BE DONE ONLY BY A SKILLED PERSON HAVING RESPECTIVE TRADE CERTIFICATE.
8. STRUCTURAL MEMBERS MUST BE CLEANED OF SLAG AND OTHER DEPOSITS, RUST ETC. USING WIRE BRUSH BEFORE FABRICATION.
9. PAINTING OF WELD TO BE DONE ONLY AFTER INSPECTION AND APPROVAL.

TENDER PURPOSE ONLY

C:\Users\admin\Desktop\CHAIN FENCING WITH OUTER FRAME 1.dwg - Aug 31, 2013

 KITCO Ltd. <small>(Estd. in 1972 by IDBI & Govt. of Kerala) PUTHIYA ROAD - NH BYPASS, KOCHI - 28</small>	CLIENT: NATIONAL GAMES SECRETARIAT THIRUVANANTHAPURAM	DESIGNED		
	PROJECT: FLOOD LIGHT AT UNIVERSITY STADIUM	CHECKED		
DRG NO: DP 586 DRG EL 01 001	SHEET NO: 1 OF 1	TITLE: DETAILS OF CHAIN LINK FENCING	DRAWN	<i>Palani.S</i>
			CHECKED	
		APPROVED		
		SCALE	N.T.S	
		UNIT	mm.	
		DATE	31.08.13	

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DETAILS OF JOINERY		
RS	ROLLING SHUTTER	2000 x 2400

NOTE:

1. ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS ARE IN METERS
2. ONLY WRITTEN DIMENSIONS SHOULD BE FOLLOWED

FOR TENDER PURPOSE ONLY

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	PROJECT: FLOOD LIGHTING AT UNIVERSITY STADIUM		CHECKED	
	TITLE: ELECTRICAL ROOM		DRAWN	<i>Abhilash</i>
			CHECKED	<i>Deepa</i>
DRG NO: DP 586 DRG EL 20 005	SHEET NO: 1 OF 1	REV.	APPROVED	
This drawing is the property of KITCO Ltd. and is to be used only for the purpose for which it was lent and must not be in any way detrimental to the interest of the company and is subject to return on demand			SCALE	N.T.S
			UNIT	mm.
			DATE	30.08.2013