

# ALL INDIA INSTITUTE OF MEDICAL SCIENCE, RAIPUR (CG)

**Name of Work:** Design, supply, fabrication, fixing, testing and commissioning of Acrylic LED signage with ACP background in Hospital area at AIIMS Raipur.

NIT No. : 27/EE/AIIMS/RPR/2020-21 Dated 02/07/2020

## Minutes of Pre-bid Meeting held on 15/07/2020

The Tender for above mentioned work were uploaded on 02/07/2020 and Pre bid meeting was held on 15/07/2020.

Following Officers/ Consultant from AIIMS Raipur were present in Pre-bid Meeting:-

S. no.	Name	Designation
1	Dr. Nitin Borkar	Deputy Medical Superintendent, AIIMS Raipur
2	Mr. Manoj Rastogi	Executive Engineer (Civil)
3	Dr. Mrityunjay Rathore	Associate Professor and Head of Kayakalp
4	Mr. V Sitaramu	Administrative Officer (Hospital)
5	Shri Vishal Kumar	Account Officer, Project Cell
6	Shri Arun Bhandakkar	Consultant (Electrical)
7	Shri Shashank Jain	Junior Engineer, (Electrical)
8	Shri Lukesh Dewangan	Junior Engineer, (Electrical)
9	Shri Amarnath Chandra	Junior Engineer, (Civil)
10	Mr. Sandeep Sahu	Personal Assistant, Project Cell
11	Mr. Suraj Tripathi	Junior Administrative Assistant

Following Bidders have attended the Pre-bid meeting:-

S. no.	Name of bidder	Representative name
1	M / s Print Vision	Mr. Yogesh Awasthi
2	M/S Urban Group	Mr. Zubair Khan
3	M / s A.P. Scanner	Mr. Salim Saikh
4	M / s Aditya Signages	-----
5	M/s Altus group	Mr. Pravesh Aggarwal and Mr. Ankit Aggarwal

Following Bidders submitted their queries through e- mail:-

S. no.	Name of bidder	Representative name
1	M/s Mahakal Advertising	Mr. Sachin Mahakal
2	M/s Lighting Technologies	Mr. Stany Gulshan
3	M/s Street Neon India Pvt. Ltd.	Mr. Manan Malhotra
4	M / s A.P. Scanner	Mr. Salim Sheikh

# Minutes of Meeting

(Pre-bid queries and Reply)

Sl. No.	Item description	As per NIT document	Pre-bid Query from Bidder	Reply
<b>1.</b>	<b>Query From: M/s Print Vision</b>			
(1)	Technical Specification (s. no. 9, Page- 34)	Agency shall submit LM-79 and LM-80 test certificates for LED and Driver from NABL Accredited Lab.	As per NIT document NABL certificate are required for LED and Driver. For LED and Driver which is manufactured by OEM established in other country, it is not possible to provide NABL certificate. Therefore in place of NABL certificate please allow certification provided from OEM.	Remain unchanged as per NIT.
<b>2.</b>	<b>Query From: M/s AP Scanner</b>			
(1)	-----	-----	It is recommended that sample of LED letter should be collected from each bidder during Technical bid.	Remain unchanged as per NIT.
(2)	Eligibility Criteria (Page no. 11)	Similar work means "Providing and fixing of LED Signage"	Changes in Similar work means "Providing and fixing of Signage work"	Shall be read as "Providing and fixing of Signage work"
(3)	List of Mandatory Documents to be filled (S. no. 11, Page no. 13)	Experience certificate duly issued by the Government/Semi Government/ PSU"s/ Any autonomous body not below the rank of Executive Engineer in similar nature of work( refer page no-11)	Experience certificate duly issued by the Government/Semi Government/ PSU"s/ Any autonomous body not below the rank of Executive Engineer/ Store In-charge in similar nature of work( refer page no-11)	Shall be read as  Experience certificate duly issued by the Government/Semi Government/ PSU"s/ Any autonomous body/ Reputed Private organization not below the rank of Executive Engineer/Tender Inviting Authority in similar nature of work (refer page no-11)  Note: Experience of Private organization will be considered only on submission of relevant experience certificate along with work order and TDS deduction certificate for that work period.

<b>3.</b>	<b>Query From: M/S Urban Group</b>			
(1)	<p>Special condition of Contract (S. no. 1.20, Page no. 45)</p> <p>&amp;</p> <p>Scope of work (S. no. ix, Page no. 32)</p>	<p>The contractor has to provide a comprehensive unconditional maintenance for the complete signage for a period of 1 year of warranty and another 2 years of CAMC from the date of completion or satisfactory certificate issued from Engineer-in-charge. In this regard the rates quoted by the Contractor are deemed to be inclusive. No other payment will be made for Maintenance period of 1+2 year.</p> <p>&amp;</p> <p>This work includes 1 year of warranty with another 2 years of CAMC.</p>	<p>As per the Tender document CAMC is taken for 3 year but in present OEM provide warranty for LED's for a period of 5 year therefore CAMC may be taken for 5 years.</p>	<p>Agreed for change in CAMC period and shall be read as</p> <p>“The contractor has to provide a comprehensive unconditional maintenance for the complete signage for a period of 1 year of warranty and another 4 years of CAMC from the date of completion or satisfactory certificate issued from Engineer-in-charge. In this regard the rates quoted by the Contractor are deemed to be inclusive. No other payment will be made for Maintenance period of 1+4 year.”</p> <p>&amp;</p> <p>“This work includes 1 year of warranty with another 4 years of CAMC.” (Respectively)</p> <p>Note: All the conditions as mentioned in tender document related to Maintenance shall be modified accordingly and shall be applicable for a period of total 5 year of maintenance.</p>
<b>4.</b>	<b>Query From: Mr. Pravesh Agrawal</b>			
(1)	<p>List of Mandatory Documents to be filled (S. no. 11, Page no. 13)</p>	<p>Experience certificate duly issued by the Government/Semi Government/ PSU"s/ Any autonomous body not below the rank of Executive Engineer in similar nature of work( refer page no-11)</p>	<p>As per the List of mandatory document at page no. 13 in NIT document, Work experience asked from Government/Semi Government/ PSU"s/ Any autonomous body. Will Experience from Private body allowed for participation in tender?</p>	<p>Shall be read as</p> <p>Experience certificate duly issued by the Government/Semi Government/ PSU"s/ Any autonomous body/ Reputed Private organization not below the rank of Executive Engineer/Tender Inviting Authority in similar nature of work (refer page no-11)</p> <p>Note: Experience of Private organization will be considered only on submission of relevant experience certificate along with work order and TDS deduction certificate for that work period.</p>

(2)	Technical Specification (S. no. 6, Page- 34)	All the Power units/Driver should be designed for 200% of the actual load of the system.	As per the Technical specification at page no. 34 in tender documents "All the Power units/Driver should be designed for 200% of the actual load of the system", Is it feasible?	Modifications are being done in this regard.  Shall be read as "All the Power units/Driver should be designed for <b>150%</b> of the actual load of the system".
<b>5. Query From: M/s Mahakal Advertising</b>				
(1)	Item Rate BoQ/ Price schedule (Item no. -1)	Design, supply, fabrication, fixing, testing and commissioning of LED Signage board using letters made up of 3mm acrylic sheet at Front, backing with 3 mm thick ACP sheet and side framing with 1.2 mm thick 316 grade Stainless steel with CNC/laser cutting and Machine bending (as per letter size), includes LED for illumination, Driver for power supply and timer for on/off at preset time complete in all respect as per the Technical specification and approved design. (At all height)	Design, supply, fabrication, fixing, testing and commissioning of LED Signage board using letters made up of 3.8 mm thick acrylic sheet at Front, backing with 2 mm thick Aluminium sheet box type letters at back and at sides with laser cutting and machine bending and fabricated with argon welding. Aluminium box type letters with high quality exterior grade " DU PONT " make PU coating as pe approved shade. Includes LED for illumination, Driver for power supply and timer for on/off at preset time complete in all respect as per the Technical specification and approved design. (At all height)	Shall be read as  "Design, supply, fabrication, fixing, testing and commissioning of LED Signage board using letters made up of 5 mm thick acrylic sheet (or better) at Front, backing with 1.6 mm thick (or better) 316 grade Stainless steel and side framing with 1.2 mm thick (or better) 316 grade Stainless steel with CNC/laser cutting and Machine bending (as per letter size), includes LED for illumination, Driver for power supply and timer for on/off at preset time complete in all respect as per the Technical specification and approved design. (At all height)."
(2)	Item Rate BoQ/ Price schedule (Item no. -2)	Design, supply, fabrication, fixing, testing and commissioning of AIIMS Raipur Logo with LED board made up of 5mm Acrylic sheet with latex print vinyl at Front, backing with 3 mm thick ACP sheet and side framing with 1.2 mm thick 316 grade Stainless steel with CNC/ laser cutting and Machine bending (as per letter size), includes LED for illumination, Driver for power supply and timer for on/off at preset time complete in all respect as per the Technical specification and approved design. (At all height)	Design, supply, fabrication, fixing, testing and commissioning of AIIMS Raipur Logo with LED board made up of 5mm Acrylic sheet with 3M make 3630 series plotter cut vinyl at Front, backing with 2 mm thick Aluminium sheet box type letters at back and at sides with laser cutting and machine bending and fabricated with argon welding. Aluminium box type letters with high quality exterior grade " DU PONT " make PU coating as pe approved shade (as per letter size), includes LED for illumination, Driver for power supply and timer for on/off at preset time complete in all respect as per the Technical specification and approved design. (At all height).	Shall be read as  "Design, supply, fabrication, fixing, testing and commissioning of AIIMS Raipur Logo with LED board made up of 5 mm thick Acrylic sheet (or better) with latex print vinyl at Front, backing with 1.6 mm thick (or better) 316 grade Stainless steel and side framing with 1.2 mm thick (or better) 316 grade Stainless steel with CNC/ laser cutting and Machine bending (as per letter size), includes LED for illumination, Driver for power supply and timer for on/off at preset time complete in all respect as per the Technical specification and approved design. (At all height)."

(3)	Item Rate BoQ/ Price schedule  (Item no. -3)	Supply, fabrication and fixing of Aluminium Composite panel made up with 3 mm thick ACP sheet supported with aluminium pipes & angles fixed with aluminium cleat screws, fastener etc. as required complete in all respect as per the Technical specification and approved design. (At all height)	Supply, fabrication and fixing of Aluminium Composite panel made up with 3 mm thick, 0.30 mm foil thickness ACP sheet supported with aluminium pipes & angles fixed with aluminium cleat screws, fastener etc. as required complete in all respect as per the Technical specification and approved design. (At all height)	Shall be read as  "Supply, fabrication and fixing of Aluminium Composite panel made up with 4 mm thick ACP sheet having 0.5mm foil thickness (or better) supported with aluminium pipes & angles fixed with aluminium cleat screws, fastener etc. as required complete in all respect as per the Technical specification and approved design. (At all height)"
(4)	List of Mandatory Documents to be filled (S. no. 11, Page no. 13)	Experience certificate duly issued by the Government/Semi Government/ PSU"s/ Any autonomous body not below the rank of Executive Engineer in similar nature of work( refer page no-11)	I have worked with Gov, Semi Gov and private companies but the work order or the purchase order of Government and Semi Government is not fulfilling the eligibility criteria as mentioned in the NIT document page no 11. But I have worked with private companies wherein I can produce relevant documents of being eligible when it comes to matching the Eligibility criteria for specialized work A) Three similar completed works each costing not less than the amount equal to 40% of estimated Cost Put to tender.  Intention to write this email is to request you to please take that work experience which i had mentioned as i have worked for private companies as my previous work experience to fulfill the eligibility criteria.	Shall be read as  Experience certificate duly issued by the Government/Semi Government/ PSU"s/ Any autonomous body/ Reputed Private organization not below the rank of Executive Engineer/Tender Inviting Authority in similar nature of work( refer page no-11)  Note: Experience of Private organization will be considered only on submission of relevant experience certificate along with work order and TDS deduction certificate for that work period.
<b>6. Query From: M/s Lighting Technologies</b>				
(1)	Technical Specification (Page- 33)	LED wattage: 0.06- 0.30 watt	To change LED wattage from .06- 0.30 watt to 0.3- 0.75 watt per LED Module of 3 chip in 12V.	LED wattage mentioned in technical specification at page no. 33 in tender document (0.06 to 0.30 W per LED) is defined for Per LED Chips not for per LED module.  i.e. LED Wattage =0.06 to 0.30 W per LED chips

				Accordingly based on the no. of LED chips per module, LED module power can be calculated.
<b>7.</b>	<b>Query From: M/s Street Neon India Pvt. Ltd.</b>			
(1)	Notice inviting e-tender (Page no. 6)	Last Date of submission: 22/07/2020 Date of Opening: 24/07/2020	Request to Extension of tender submission date by 10 working days.	Last Date of submission: <b>15/08/2020</b> Date of Opening: <b>17/08/2020</b>
(2)	General Technical Specification/ Point no. 1 (Page- 35)	LED Signage shall comprise of a Letter preferably made of 3mm acrylic sheet at Front, backing with 3 mm thick Aluminium composite Panel (ACP) and side framing with 1.2 mm thick 316 grade Stainless steel with CNC/ Laser Cutting fixed with the help of Screw/ bolts to the MS structure. SMD LED strip/module shall be mounted uniformly on the ACP and Control circuit i.e. Driver and Timer are properly placed in Pole box (junction box) made out of polycarbonate/ compressed moulded fibre glass polyester. Deviations to this arrangement shall be allowed but this needs to be approved by engineer-in-charge.	Option-1 LED Signage shall comprise of a Letter preferably made of 5mm Poly Carbonate sheet at Front, backing and side framing with 1.2 mm thick 316 grade Stainless steel with CNC/ Laser Cutting fixed with the help of Screw/bolts to the MS structure. SMD LED strip/module shall be mounted Uniformly on the ACP and Control circuit i.e. Driver and Timer are properly placed in Pole box (junction box) made out of polycarbonate/compressed moulded fibre glass polyester.  Option-2 Signage shall comprise of a Letter preferably made of 5mm Poly Carbonate sheet at Front, backing and side framing with 1.2 mm thick 316 grade Stainless steel with CNC/ Laser Cutting fixed with the help of Screw/bolts to the MS structure. LED Halogen Light of 100 Watts shall be mounted on top of Letters and Control circuit i.e. Driver and Timer are properly placed in Pole box (junction box) made out of polycarbonate/compressed moulded fibre glass polyester.	Shall be read as  LED Signage shall comprise of a Letter preferably made of 5 mm thick acrylic sheet (or better) at Front, backing with 1.6 mm thick (or better) 316 grade Stainless steel and side framing with 1.2 mm thick (or better) 316 grade Stainless steel with CNC/ Laser Cutting fixed with the help of Screw/ bolts to the MS structure. SMD LED strip/module shall be mounted uniformly on the backing and Control circuit i.e. Driver and Timer are properly placed in Pole box (junction box) made out of polycarbonate/ compressed moulded fibre glass polyester. Deviations to this arrangement shall be allowed but this needs to be approved by engineer-in-charge.
(3)	General Technical Specification/ Point no. 2 (Page- 35)	For LED letter, the depth of characters should be minimum 4 inch with front acrylic sheet and a frame of stainless steel material, with a distance of minimum 2 to 3 inch between each letter.	Option-1 For LED letter, the depth of characters should be minimum 4 inch with front Poly Carbonate sheet and a frame of stainless steel material, with a distance of minimum 2 to 3 inch between each letter.	Remain unchanged as per NIT.

			Option-2 For letter, the depth of characters should be minimum 4 inch and a frame of stainless steel material, with a distance of minimum 2 to 3 inch between each letter.	
(4)	General Technical Specification/ Point no. 3 (Page- 35)	The Back Side of the Character signage board should be covered with GI Sheets in order to protect it from water ingress and to make it IP 65.	Not Require.	Shall be read as  The sign board should be protected from Water ingress, Dust and Insect i.e. should possess a protection level of IP 65.