

Project:

'Repair and Renovation (Civil, Plumbing, Roofing, Interior, Acoustic, HVAC, Electrical & Solar works) of Auditorium in IMAGE at M.R.C Nagar, Raja Annamalaipuram, Chennai - 600 028'

Tender Date	23.10.2019	Last Date Of Tender Submission	14.11.2019
Pre-bid Meeting Date & Time	31.10.2019 @ 11.00 AM	Pre-Bid Clarification Date	02.11.2019

Attended by:

(A) From Employer – M/s.Indian Bank:

- 1) Sri A.Ramu : GM (BO)/ COO
- 2) Sri V.Uthayakumar : DGM/ Principal, IMAGE
- 3) Sri R.Thiagarajan : AGM (BOD/ P&E)
- 4) Sri R.Venkateswaran : CM (P&E)
- 5) Sri K.Vijayakumar : CM (Admin), IMAGE
- 6) Sri M.Bubesh Gupta : SM (Architect)
- 7) Sri S.Mahendran : SM (Electrical)
- 8) Sri Ashok Kumar : SM (Mechanical)

(B) From PMC/ Architect - M/s.Oscar & Ponni Architects :

- 1) Sri Oscar Concessao : Principal Architect
- 2) Sri Sudesh Rajkumar : Acoustical consultant
- 3) Sri Muralidharan : Electrical consultant

(C) From Bidders (M/s.) :

- 1) INCI Construction and Interiors Pvt. Ltd.
- 2) Stan India Private Limited
- 3) Sathya Sai Decors
- 4) RD Business Combines
- 5) Creations Infra India Pvt. Ltd.
- 6) GJ Decors
- 7) Macro Enterprises
- 8) Plutonic Interiors Pvt. Ltd.
- 9) Creators Engineers & Interiors Pvt. Ltd.
- 10) Mani Interiors
- 11) P.Subramani & Co.
- 12) Touchstone Interiors
- 13) New Turman Décor Pvt. Ltd.
- 14) SK engineering and construction
- 15) New Freezing Point

Clarifications for the queries raised in the pre-bid meeting held at Indian Bank Corporate Office:

Sl. No.	Query	Reply/Clarification by Bank
1	Bidders requested for reduction of number of years for performance bank guarantee from 5 years as given in the tender	The tenderer shall be required to deposit 5% of the tendered value of HVAC and Solar work only as performance Bank guarantee for a period of 5 years in the form of irrevocable bank guarantee from any scheduled bank in accordance with the form prescribed or fixed deposit receipt, within 15 days of the Virtual Completion of work.
2	The performance bank guarantee for solar works can also be reduced	Please refer the above clarification.
3	Whether solvency certificate obtained before 01/07/2019 is acceptable?	Yes. Solvency certificate obtained after 01/04/2019 is acceptable.
4	Whether solvency amount can be reduced.	No.
5	Whether exemption is available for MSME empanelled contractors from payment of EMD	Yes. Please refer clause No.10 in page No. 17/215 of Technical Bid.
6	Please furnish the brands for air-conditioners and acoustic interior.	Please refer Annexure-3 with this pre-bid clarification for the approved list of Manufacturers. The earlier list of brands mentioned for HVAC work during the pre-bid meeting has undergone a change and the new list is given in Annexure-3.
7	How old are the AHUs brought under buyback?	The Bidders are advised to visit the site and assess the condition & age of the same and quote their best offer.
8	Whether EMD can be accepted in form of Bank Guarantee.	No. Tender conditions holds good.
9	Smoke detectors quantity to be reconfirmed, which seems to be less	The Smoke detectors are for the above false ceiling area and the quantities are adequate.
10	Whether 24X7 working is possible?	Works which do not cause disturbances to the residents/ neighbours/ public nuisance would only be allowed during night. Being a posh area and with a school in the vicinity, it is solely the responsibility of the Contractor to plan the works, so that there are no complaints from the neighborhood. The transport of materials and heavy vehicle movement should all be strictly the responsibility of the Contractor to plan and execute. The Bank will not be responsible in any form. Also, the IMAGE campus houses the trainee Hostel and executive quarters. So, providing accommodation to labours in any form such as tents, portacabins are not permissible. The contractor should ensure for the safety and security of the Bank's staffs inside the campus during work execution.
11	What is the meaning of Basic landing cost?	Basic landing cost means all costs, such as material cost, transport cost and all other miscellaneous cost involved in delivery of material at site. This excludes only GST.
12	Whether furnishing works has to be carried out inside glass cabin area (VIP gallery).	Furnishing works such as painting, false ceiling, lighting & wall cladding, PA system has to be carried out as per tender.

Sl. No.	Query	Reply/ Clarification by Bank
13	What is mean by similar work in prequalification criteria?	Similar work means Repair, Renovation & furnishing of building with the works such as Civil, Plumbing, Roofing, Interior & Acoustics of Auditorium, HVAC, Electrical & Solar panels of appropriate value as per tender terms.
14	Any variation cushion is kept in the estimated quantity.	The estimated quantity is including of all.
15	Whether completion time of 90 days can be extended.	Yes. Bank has considered the request of bidders and extended the completion period to 105 days from 90 days.
16	Shop Drawings will be created and approved by whom?	Please refer clause “ Drawings ” in page No.25 of Technical Bid. The successful bidder has to prepare the shop drawing for all works and submit it to the Architect/ PMC for approval.
17	Please confirm the period of honoring certificate for interim payment.	10 days from the date of receipt of Bill payment certification from Architect/ Project Management Consultant. To facilitate the consultant for certifying the billing, the contractors may provide the excel sheet (soft copy) to them to process the bills.

Other clarification for Bidders to note:

(A) The Eligible criteria for contractors in page-5 of Technical bid document should read as follows:

“Reputed firms (1) having completed during the last 5 years ending 31.03.2019 at least one similar work of Rs.304 Lakhs or two similar works of **Rs.190** Lakhs each or 3 similar works of not less than **Rs.152** Lakhs each, (2) having Average Annual Financial turnover of at least Rs.114 Lakhs during the last 3 years ending 31st March 2019. (3) 24 x 7 local service set –up, (4) should not have incurred any loss during the last three years ending 31st March, 2019 and (5) should have a solvency of Rs.200 Lakhs issued by a scheduled Bank on or after **01.04.2019**. (6) Copy of TDS Certificates issued by the employer in support of work under eligibility criteria as in point **No.1** above (value of completed works) shall also be submitted along with tender request letter.”

- (B) The scaffolding Rates given in the Price bid is only a benchmark rate.
- (C) Corrigendum for electrical work is enclosed as annexure-4.
- (D) The final payment will be made to the contractor after submission of “No due certificates” from the sub-contractors/ agencies involved in this project.
- (E) It is the responsibility of the main contractor to engage his sub-contractors who are established in their respective trade and who full fill the similar eligibility criteria as applicable to the main contractor and the documents shall be produced to the employer as and when requested.
- (F) The sub-contractor for HVAC should be an authorized channel partner of the OEM. The work executed by the channel partner has to be periodically monitored by the OEM's engineers/ supervisors and report to be submitted to the employer/ PMC.
- (G) The old AHUs and ducting with accessories such as dampers, grills etc. fixed for Auditorium should be removed completely from the site and chilled water piping connected to the AHUs of Auditorium area to be blocked as directed by the Employer/ Consultant which forms part of the HVAC work.
- (H) The contractors are advised to visit the site to know the site conditions/constraints, Traffic restrictions etc. before quoting their rates.
- (I) Debris should not be stored anywhere within/ outside the site.
- (J) Bank has informed that the final price determination will be done through “Reverse Auction” process.

This Pre-Bid clarification shall be downloaded, signed, sealed and enclosed along with the Technical-Bid document.

Acoustics:

Details of Materials	Manufacturers Name
Acoustic Perforated Board	PAX/ St Gobain/ USG Boral
Acoustic Grid Ceiling	PAX/ Rockfon/ Armstrong
GI Frame Work	Diamond Frames (.55mm)/ St Gobain/USG Boral
48 kg / Sqm Glasswool	Twiga/ Polypone or equivalent
Long fiber pine wood Board NRC - 0.90	Ecotone system/ Anutone/ Sonit Acoustics
High density SynthPF 9mm core pigmented	Ecotone system/ Anutone/ Sonit Acoustics
0.09 NRC Acoustic Fiber glass 2'x2' Tile.	PAX/ Armstrong / Anutone
2'x2' Grid based false ceiling	PAX/ USG Boral/ Armstrong
Paint	Asian/ Berger/ Nippon
Water Primer	Asian/ Berger/ Nippon
Patty	Birla/ Asian/ India Gypsum
12mm Toughened Glass	St Gobain/ Asahi/ Modi Guard/ Asian
Rimless SS cover plate fitting with all accessories	Ozone/ Dorma/ Hettich
Laminated wooden Flooring	Armstrong/ Pergo or equivalent

HVAC:

Details of Materials	Manufacturers Name
Variable Refrigerant Flow Outdoor	Daikin / Mitsubishi/ Hitachi / Toshiba
AHU Kit Accessories	Danfoss or equivalent
Floor mounted Vertical Air Handling Units	Edgetech / VTS/ Luftek / Citizen
Refrigerant Piping	Mandev, Uniflow, Totaline
Wall mounted Electrical Panel	Power master, Omps
GSS factory fabricated ducting	Western Air duct, Zeco, Cel'sair, 7 Star
GI Sheet Ducting	TATA, Jindal, Sail, HSL
Factory fabricated AHU supply Plenum	Luftek, Air tech, Venus
Damper/ Diffuser/ Exhaust Air Louvers/ Grill/ Fire & Smoke Damper	Air Master, Cosmic , Zeal
Acoustic & Thermal Insulation	Kflex, ALP Aero flex , paramount
Under Deck Insulation	Paramount or equivalent

Corrigendum of Part-4 (Electrical & Fire alarm works) of Price Bid is as follows:

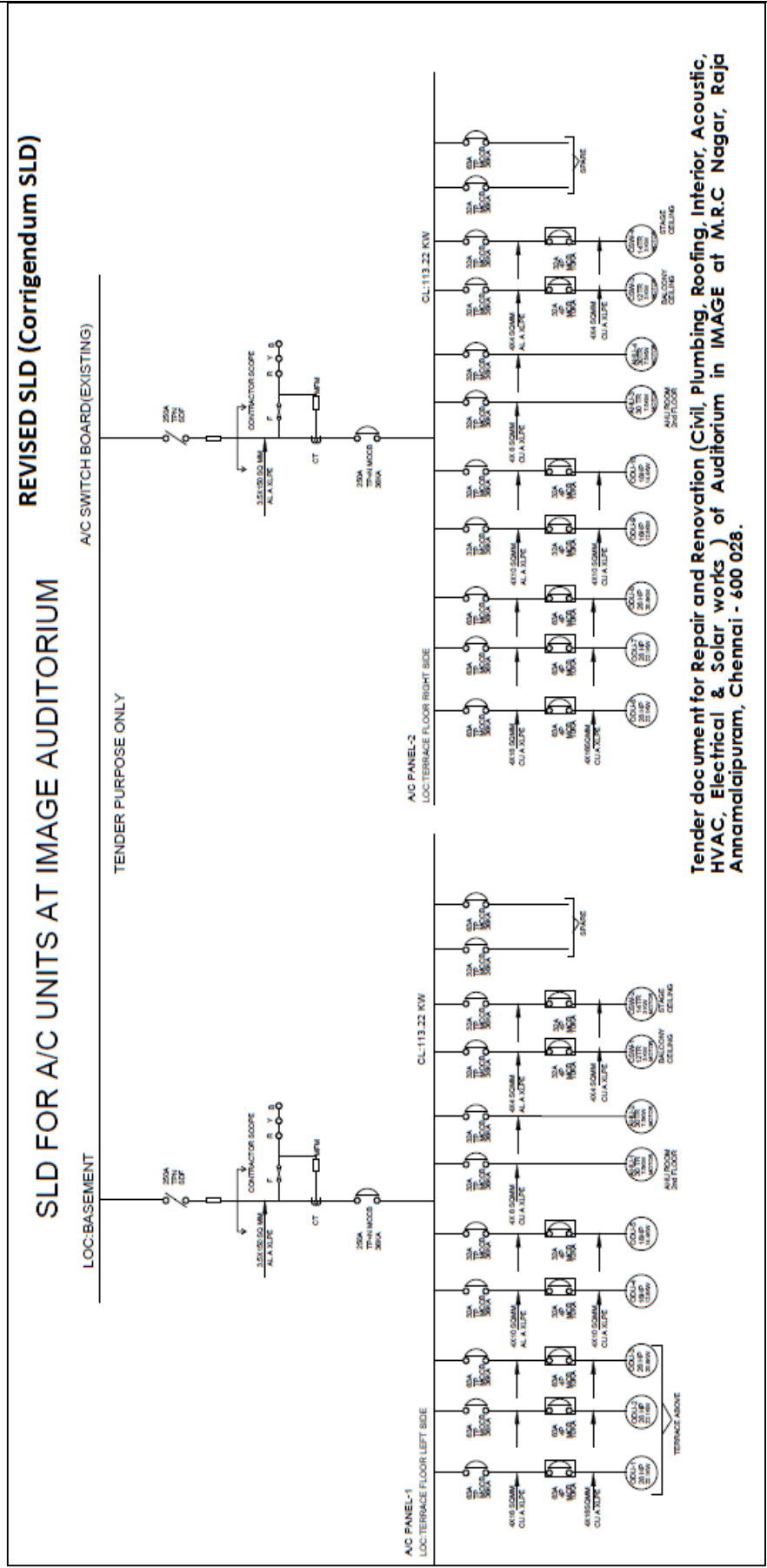
BOQ No.	Page	Description	Corrigendum
4.3.3	73	4-way VTPN DB-2 no	Deleted
4.3.4	74	4-way VTPN DB-2 no	Deleted
4.3.5	75	4-way VTPN DB-2 no	Deleted
4.4.1	75	AC panel 1&2 400A TPN AL bus 400A TP MCCB, 36 Ka incomer CT ratio: 400/5A Outgoing feeders: 4 nos 63A, 4 nos 32A, 1 no 60A and 1 no 200A TP MCCB, 36 kA	250A TPN AL bus 250A TP MCCB, 36 Ka incomer CT ratio: 250/5A Outgoing feeders: 4 no 63A and 7 no 32A TP MCCB,36 kA
4.5.1	76	3.5x240 Sqmm AL A XLPE Qty: 100 Mt	3.5x150 Sqmm AL A XLPE Qty: 100 Mt
4.5.2	76	4x16 Sqmm CU A XLPE along with 2R 10 SWG copper wire from AC panel-1&2 to ODU-1 to 16 panel-1&2 to ODU-1 to 16 Qty: 100 Mt	4x16 Sqmm CU A XLPE along with 2R 10 SWG copper wire from AC panel 1&2 to ODU-1,2, 3,6,7,8 Qty: 100 Mt
4.5.3	77	4x10 Sqmm CU A XLPE along with 2R 10 SWG copper wire from AC panel 1&2 to VDB-2,5 Qty: 20 Mt	4x10 Sqmm CU A XLPE aong with 2R 10 SWG copper wire from AC panel 1&2 to AHU-1,2,,3,4 Qty: 100 Mt
4.5.4	77	3x2.5 Sqmm CU A XLPE along with 2R 10 SWG copper wire Qty: 40 Mt	Deleted Nil
4.5.5	77	3.5x35 Sqmm AL A XLPE along with 2R 10 SWG copper wire Qty: 40 Mt	Deleted Nil
4.5.6	77	4x4 SQMM CU A XLPE along with 2R 10 SWG copper wire from AC panel 1&2 to AHU-2,3,5,6 Qty: 40 Mt	4x4 SQMM CU A XLPE along with 2R 10 SWG copper wire from AC panel 1&2 to CSU-1,2,3,4 Qty: 100 Mt
4.5.7	77	3.5x150 SQMM AL A XLPE from AC panel 1 & 2 to VDB-1,3,4,6 Qty 40 Mt	Deleted

BOQ No.	Page	Description	Corrigendum
4.6.1	77	3.5x240 Sqmm AL termination Qty: 4 No	Deleted Nil
4.6.2	77	4x16 Sqmm CU termination Qty: 60 No	Qty: 24 No
4.6.3	77	4x10 Sqmm AL termination Qty: 4 No	4x10 Sqmm CU termination Qty: 16 No
4.6.4	77	3.5x150 Sqmm AL termination Qty: 8 No	3.5x150 Sqmm AL termination Qty: 4 No
4.6.5	77	4x35 Sqmm AL termination Qty: 4 No	Deleted Qty: nil
4.6.6	77	4x4 Sqmm CU termination Qty: 8 No	4x4 Sqmm CU termination Qty: 16 No
4.6.7	77	4x6 Sqmm CU termination Qty: Nil	4x6 Sqmm CU termination Qty: 8 No
4.10.1	79	63A 4P MCB in IP-67 enclosure Qty: 2 no	63A 4P MCB in IP-67 enclosure Qty: 6 No
4.10.2	79	32A 4P MCB in IP-67 enclosure Qty: 2 no	Qty:8 No

The above clarification/ Corrigendum shall be read in conjunction with relevant section/ part of price bid.

REVISED SLD (Corrigendum SLD)

SLD FOR A/C UNITS AT IMAGE AUDITORIUM



Tender document for Repair and Renovation (Civil, Plumbing, Roofing, Interior, Acoustic, HVAC, Electrical & Solar works) of Auditorium in IMAGE at M.R.C Nagar, Raja Annamalaiapuram, Chennai - 600 028.