

Minutes of Meeting

Pre-bid meeting for REQUEST FOR PROPOSALS (RFP) from ARCHITECTURAL CUM CIVIL CONTRACTOR FIRMS for SITE DEVELOPMENT INDIAN MARITIME UNIVERSITY, VISAKHAPATNAM was held on 12th April 2018 at 1600 hours Meeting was held at: IMU Visakhapatnam Campus, NSDRC, Gandhigram, Visakhapatnam - 530 005.

Following bidder has attended:

1. Easy Karigar LLP
2. Sri Rama Durga Projects Construction Pvt Ltd
3. Eastern Sun Engg Vtp
4. Kirby Building Systems Ltd
5. Aditya Constructions
6. SVC Projects Pvt Ltd

The queries raised by above bidders and other bidders who has sent mails has be addressed at the pre-bid meeting and reply has be uploaded on www.cemsindia.org website.

Director

Question and queries received from Bidders

SVC Projects Private Limited

- a) Soil Investigation report for foundation design.

This will be available with IMU vizag for the earlier excavation done in that area.

- b) Loads to be considered as the Mezzanine Floor

c)	Mezzanine dead load	4kn/m2
	Mezzanine live load	4kn/m2

- d) Specification and codes to be followed for Pre Engineered Building.

Primaries are Shot blasted & applied with epoxy primer and applied with epoxy paint up to 90 microns.

ii) All the purlins and girts are pregalvanised up to 275GSm

- e) Specification for the roof sheeting / cladding.

Roof shall be of 0.5mm TCT profiled bare galvalume steel sheeting.

wall panels shall be of 0.5mm TCT profiled colored galvalume steel sheeting.

- f) Loads to be considered for solar cells as roof.

0.15kn/m2 considered for false ceiling, 0.3kn/m2 considered for solar loads on roof. Chain pulley load of 500kgs is considered between grid 3 and 4 located at 2.1m from inner phase of column on rafter

- g) Specification for the painting to the steel structure.

Primaries are Shot blasted & applied with epoxy primer and applied with epoxy paint up to 90 microns.

- h) Specification for the latest shutters (15' x 12') mentioned in the scope.

Roll up door of size 4.5mx4.5m manually operated

- i) Accessories required with specification.

Nil

- j) Specification for the structural members.

Members fabricated from plate or bar stock shall have flanges and webs joined on one side of the web by a continuous welding process and will conform to the physical specifications of ASTM A570 (Grade 50) or equivalent and having a minimum yield strength of 50,000 P.S.I. (345 MPa).

Members fabricated by cold forming process shall conform to the physical specifications of ASTM A570 (Grade 50) or equivalent and having a minimum yield strength of 50,000 P.S.I. (345 MPa).

Members fabricated from hot rolled structural shapes shall conform to the physical specifications of ASTM A572 (Grade 36) or equivalent and having a minimum yield strength of 36,000 P.S.I. (250 MPa).

Rod and angle bracing shall conform to the physical specifications of ASTM A36 (or equivalent) and having a minimum yield strength of 36,000 P.S.I. (250 MPa).

Roof and wall cladding shall conform to the physical specifications of ASTM A653 Grade 50 (or equivalent) and having a minimum yield strength of 50,000 P.S.I. (345 MPa).

All other miscellaneous secondary members shall have minimum yield strength of 36,000 P.S.I. (250 MPa)

SITE DEVELOPMENT INDIAN MARITIME UNIVERSITY VISAKHAPATNAM						
Sl.No.	Description	Floor	Location	Existing Stage	Refurbishment work to be attend	Remarks
1	Service Building	Ground Floor	A/C Plant 1305 Sft	A) Concrete Floor	Vitrified flooring	
				B) Open Cable Duct	Close	
				C) Steel Windows	Remove	
				D) Rolling Shutter	Remove	
				E) No False Ceiling	Yes False ceiling required	
				F) No Partitions	Brick wall in the room to make two class rooms	
				G) Require Plaster repairs to walls.	Yes	
				H) Require Painting to Internal Walls & Ceiling	Yes	
2		Ground Floor	Office Area 405 Sft	A) Cement Concrete Floor	Vitrified flooring	
				B) No False Ceiling	Yes false ceiling required	
				C) Requires Repairs to Door / Windows.	Yes	
				D) Removal of Existing Acid Resistance Brick Lining on walls.	No removal only plastering and repainting	
				E) Repairs to wall Plaster	Yes	
				F) Painting to Walls and Ceiling.	Yes	
3		First Floor	Lab - 1 591.25 Sft	<u>Dceanography Lab</u>		
				A) Floor	No change only repairs	
				B) Computer Tables	To be removed	
				C) Plat Forms	To be removed	
				D) Door / Windows	No change	

				E) Ceiling	No change only repairs	
				F) Internal Walls & Ceiling Painting.	yes	
4		First Floor	Lab - 2 591.25 Sft	<u>Electronic Lab</u>		
				A) Flooring	No change only repair	
				B) Tables	To be removed	
				C) Door / Windows	No change only repair	
				D) Ceiling	No change only repair	
				E) Internal Walls & Ceiling Plaster / Painting	yes	
5		First Floor	Lab - 3 591.25 Sft	<u>Electronic Lab</u>		
				A) Flooring	No change only repair	
				B) Equipment	To be removed	
				C) Door / Windows	No change only repair	
				D) Ceiling	No change only repair	
				E) Internal Walls & Ceiling Plaster / Painting	yes	
6		Open Spare	1216 Sft.	<u>Open Space (New Construction)</u>		
				A) Partitions	This space is allocated one class room, so no partition is required	
				B) Flooring	Vitrified floor	
				C) Doors / Windows	Yes	
				D) Ceiling	Yes	
				E) Internal Walls & Ceiling Plaster / Painting	Yes	
				F) Providing of Roof	Yes	

				G) External Walls Type of Masonary	Yes, similar to other adjacent rooms	
7	Garden Area	Open Grou nd	Open Ground	A) Existing two Sheds	New Constructions	Please refer to clarificati on a) to j)
					B) FFL from Ex. G.L.	
					C) Soil Investigation report.	
					D) Particulars specifications / code to be followed for the New Construction.	
					E) Loads to be considered in Mezzanine Floor and solar cells on roof.	
					F) Requirement of False Ceiling and locations	
					G) Makes to be provided for different items of work	
					H) Type of partitions in Lab / Class Rooms / Discussion rooms etc.,	
					I) Locations for epoxy floor	
					J) Requirement of UPVC Windows Openable / slidding	
					K) Details of Latest Shutter	
					L) Requirement of approach	

					Ramp / Canopy etc.,	
					M) Height of Brick Masonry allround the PEB	
8	Main Building West Wing	First Floor	Design Halll &	<u>Discussion Room</u>		
			Discussi on Room	A) False Ceiling	To be changed	
				B) Wooden Wall Paneling	To be changed and plastering is required	
				C) Flooring	Vitrified flooring	
				D) Door Shutter	yes	
				<u>Design Hall</u>		
				A) PVC Flooring	To be changed to vitrified flooring	
				B) False Ceiling	Yes	
				C) Existing Office Cubicals	To be removed	
				D) Requirement of Partitions and Type	Yes, aluminium	
				E) Elec / AC/Lan requirement	No AC required only elec and lan	
				F) Ex. Toilet Block repairs and makes of fixtures	Yes to be repaired and seepage to be addressed.	

Team Arstcape :

- 1) The project timeline as mentioned 4.5 months, should be post getting all clearance from the local departments (which includes plan sanctioning/other statutory clearance) i.e. from the day of ground breaking (because post getting all clearances, mobilization time is also needed) .
No changes to RFP conditions.
- 2) The EMD amount is very high yet again. However we agree to submit the same but would request it to be in the form of a PDC.
No changes to RFP conditions.

- 3) In case of any measurements changes, how will the payment difference be accommodated, as there is no item rate? Will it be on a pro-rata basis?
You are required to submit unit rates, with quantities and make and models of items used. Unit price will be used with actual measurement for payment purpose.
- 4) We would request team CEMS to revisit the **LIQUIDATED DAMAGES** clause, as the per day of Rs 15,000/- is very high.
No changes to RFP conditions.

Easy Karigar LLP

1. A Surveyors plan is the first priority for commencing design procedure of any structure hence we need it to start designing.

Data not available, bidders are advised to conduct site survey to get required details.
2. Detail of the plot i.e. Existing Land use plan or if Land Use of the plot is changed according to latest Development plan? then document of such changes.

Land use is for institutional purpose, CEMS has all requisite approvals to undertake this construction.
3. Soil report for quoting Foundation related quantities is very important as it can affect the costing of entire project. according to our understanding there are adjacent structure present already, if we have a soil report for those structures available at our disposal? then it would be easier for us to understand Soil bearing capacity and design/quote accordingly.

Data not available, bidders are advised to conduct site survey to get required details.
4. As mentioned in the RFP document (i.e. Payment terms) the mobilization advance of 25% is less and we would actually require 50% advance of the Work Order / Contract Value. This would indirectly help us to complete the site before time.

No changes to RFP conditions.
5. The time frame given for completion of the work is 4.5 months but for concluding the plinth & prefabricated structure it requires at least 4 months after which we will be able to start the interior thing, here we believe the time of 4.5 months is less but we will provide you the exact time frame required for each work in detail prior commencing the work.

No changes to RFP conditions.
6. Electricity requirement.

New Shed: 150 KVA

Utility Building – 50 KVA

Main building west wing design hall and discussion room – 25kva