MoES/Exh-Fairs/08/2015 PC-V Ministry of Earth Sciences, "Prithvi Bhawan", Lodhi Road, New Delhi – 110003

MINUTES OF THE PRE-BID MEETING

On the discussions in pre-bid meeting held on 01/10/2015, the following clarifications have been provided for various aspects of Tender document. The amendments are lists below:

S. No	Page No., Section & Point no. of tender document	Items in tender document	Clarifications
1	Page no. 01-03 Section B (Specification and Ancillary Requirements)		Item no.xxii (addition) One unit of Spherical LED with interface of Computer for live display of weather forecast etc.
	Annexure I Page no. 20- 23 (technical bid compliance format)		Item no 31 (addition) One unit of Spherical LED with interface of Computer for live display of weather forecast etc.
12	Annexure II Page no. 25-29 (price bid format)		Revised Annexure I is attached <u>Item no 27 (addition)</u> One unit of Spherical LED with interface of Computer for live display of weather forecast etc.
			i Quote for rental per day ii. Quote for procuring items for MoES use after the event. Revised Annexure II is attached

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2	Page no 01-02 Section B (Specification and Ancillary Requirements) point no.5 (iv)	Two new reception/ information counter tables, 4 new modern chairs for sitting and 4 visitor chairs, stationary etc. (visitor books, pens, 2 scissors, ribbon, tray, 500 plastic folders of A4 size, dustbin etc.)	tables, 4 new modern chairs for sitting and 4 visitor chairs, stationary etc. (visitor books, pens, 2 scissors, ribbon, tray, 500 plastic folders of A4 size
3	Annexure I Page no. 20- 23 (technical bid compliance format)	Sno. 2 (a) (Two new modern reception)	S.no. 2 (a.) Two new modern reception/ information counter tables (5'x3' approx)
		(c) (Stationary etc)	(c) Stationary etc. (visitor books, pens, 2 scissors, ribbon, tray, 500 plastic folders of A4 size, dustbin etc. 1000 nos. of pen drive of 2.0 GB capacity with material on achievement and activities of the Ministry (Material content on achievement and activities of the Ministry will be provided by the Ministry to be handed over to MoES. Revised Annexure I is attached
	Annexure II Page no. 25-29 (price bid format)	Sno. 2 (a) (Two new modern reception)	- do -
		(c) (Stationary etc)	do Revised Annexure II is attached

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	Page no 01-02	Delition	
	Section B	Designing and fabrication Dioramas - should depict Ag Meteorology, Desalinati plant, Arctic & Antarctica or any other activity an achievements. a. The major other recommended depictions are:	ro should depict Agro Meteorology
		All the diorama's should hav separate LCD provisions shows the respective movies.	All the diorama's should have separate to LED provisions to shows the respective movies.
	Annexure I Page no. 20 23 (technical bi- compliance format)		d Revised Annexure I is attached
	Annexure II Page no 25-29 (price bid format)	9. Sno. 23 (Designing and fabrication)	ii. Quote for procuring items for MoES use after the event.
4	Page no 01-02 Section B (Specification and Ancillary Requirements) point no. ii	One 72" TV of dimension 5.5 x 3.5' (Length x height) for screening of Ministry's films.	Revised Annexure II is attached One 72" LED TV of dimension 5.5' x 3.5' (Length x height) for screening of Ministry's films.
	Annexure I Page no. 20- 23 (technical bid compliance format)		Revised Annexure I is attached
	Annexure II Page no. 25-29 (price bid format)	Sno. 03 (Oible 72	do i Quote for rental per day ii. Quote for procuring items for MoES use after the event.
	Page no 01-02 Section B (Specification and Ancillary Requirements)	b. 30-40 nos of posters material in English, Hindi and local dialect in LCD Touch Screen of 42".	Revised Annexure II is attached b. 30-40 nos of posters material in English, Hindi and local dialect in LED Touch Screen of 42".
		c. Four nos. of LCD touch screens of 42" each in each the two exhibitions ("IITF 2015" at Pragati Maidan, New Delhi from 14-27 th Nov. 2015 has to be put-up.	c. Four nos. of LED touch screens of 42" for "IITF 2015" at Pragati Maidan, New Delhi from 14-27 th Nov. 2015 has to be put-up.
2		Sno.5. (2 & 3) (30-40 nos of posters materials & Four nos, of LCD touch screens)	do Revised Annexure I is attached
C	1		

6	Page no. 01-02 Section B (Specification and Ancillary Requirements) point no. 5. (vii)	One Separate provision for screening of films on LCD screen of 42"	One Separate provision for screening of films on LED screen of 42".
	Annexure I Page no. 20- 23 (technical bid compliance format)	Sno 6. (One Separate provision)	do – Revised Annexure I is attached
	Annexure II Page no. 25-29 (price bid format)	Sno. 6 (One Separate provision)	One Separate provision for screening of films on LED screen of 42". I Quote for rental per day ii. Quote for procuring items for MoES use after the event. Revised Annexure II is attached
6	Page no 01-03 Section B (Specification and Ancillary Requirements) point no. xiv	Water Fountains	Water Fountains (Two nos.) - do – Revised Annexure I is attached do –
			Revised Annexure II is attached
	Page no. 10 Section G (Additional information) point no. xxxv	 Photographs/presentation of the following dioramas will be uploaded: 1. Arctic & Antarctica 2. Agro Meteorology 3. Desalination plant 4. Aviation Sector (IMD activity) 5. Earthquake/Seismology 6. Climate Change 	Photographs/presentation of the dioramas has been uploaded

Note: All the LCD has been replaced as LED

kkom (Dr. K K Singh) Member

(Dr. O P Mishra) Member

ppmi (Dr. A.B.P Mishra) Member

Mishra) (Smt. Manjula Daniel) her Member

(Ashok Saha) Member

(Dr. K J Ramesh) Chairman

Designing and Fabrication for Ministry's pavilion during "**IITF 2015**" at **Pragati Maidan, New Delhi from 14-27th Nov. 2015.** TENDER SPECIFICATIONS for compliance for Technical Bid

S No	Tender specifications	firm is ready to comply (Y/N)	Quality of the material
1.	Floor covering with multi colour designed carpets.		
2. a			
b.	4 new modern chairs for sitting and 4 visitor chairs		
c.	Stationary etc. (visitor books, pens, 2 scissors, ribbon, tray, 500 plastic folders of A4 size, dustbin etc. 1000 nos. of pen drive of 2.0 GB capacity with material on achievement and activities of the Ministry (Material content on achievement and activities of the Ministry will be provided by the Ministry to be handed over to MoES.		
3.	One 72" LED TV of dimension 5.5' x 3.5' (Length x height) for screening of Ministry's films.		
4.	Two artistic gates with artwork, logos, mural, highlighting the name of Ministry in Hindi and English.		
5.	 Thirty nos (Hindi & English-15 nos. each) of the backlit posters of 3'x5' dimension (width x height) 30-40 nos of posters material in English, Hindi and local dialect in LED Touch Screen of 42" Four nos. of LED touch screens of 42" each in each the two exhibitions ("IITF 2015" at Pragati Maidan, New Delhi has to be put-up 		
6	One Separate Provision for Screening of films on LED screen of 42".		
7	Preparation of displaying of two 6'x4' murals on Ministry's activities for both the exhibition separately		
8 a	Executive office (3mx2m or more) with glass and lockable door, new modern executive Sofa Set (3+1+1 seater), Centre & side Tables, Matching curtains, etc.		
b	Small pantry with Tea/Coffee and packed drinking water etc. from standard company. (approx 25 person per day)		
9	A store (1.5m x 1.5m or more) for keeping the exhibits/literature and empty boxes etc.		
10	Display the Ministry's publications, books etc. (30 publications) (Books racks are available with the Ministry)		

S No	Tender specifications	firm is ready to comply (Y/N)	Quality of the material
11	 i 3 nos. of Desktop Machines ii. Two nos. Data Entry Operator/Service Engineer as per the NICSI Rate Contract iii. 1 no. KVA Online UPS with 20 minutes backup iv. 1 no. 8 Port Ethernet Switch v. 3 nos. of UTP Cables, IO Box and Termination vi. 1 no. of Laser printer vii Certificates for the quiz needs to be on card paper of 200 GSM or higher along with a colour printer. All systems should be brought to this Ministry's headquarter on 1st Nov. 2015 for loading the quiz softwares and for trial for 5 days before "IITF 2015" at Pragati Maidan, New Delhi from 14-27th Nov. 2015. (Quiz will be provided by the Ministry). 		
12	(configuration as per Annexure III) Three Bachelor of Science graduates, who are fluent in Hindi and English as Hostess/Guides preferably having experience of		
12	Ministry's exhibitions and International exhibitions with dress code in consultation of Ministry, shall be posted during IITF 2015 " at Pragati Maidan, New Delhi from 14-27 th Nov. 2015.		
13	Two dedicated persons for day-to-day work in the pavilion shall be posted in consultation of Ministry with proper dress code during "IITF 2015" at Pragati Maidan, New Delhi from 14-27 th Nov. 2015.		
14	Four Certified security persons shall be posted for round the clock security for inside and surroundings of the pavilion for "IITF 2015" at Pragati Maidan, New Delhi from 14-27 th Nov. 2015. from approved Agency.		
15	Provision of the Fire fighting equipment as per the guidelines of the "Indian Science Congress 2015" Organisers		
16	Still photographic coverage shall be arranged during entire exhibition period, and one set of 100 colour photographs (5"x7") with CD and album shall be given to be to the Ministry. The photographer should be available on demand of Ministry (Mobile phone number must be mentioned). The same arrangement for all five places for limited calls, around 20 Nos. colour photographs for each centre with CD and album.		
17	Daily maintenance and cleaning (minute to minute) of the pavilion and surroundings for entire period of "IITF 2015" at Pragati Maidan, New Delhi from 14-27 th Nov. 2015 shall be attended.		
19	Arrangement for refreshment during inaugural function at "IITF 2015" at Pragati Maidan, New Delhi from 14-27 th Nov. 2015 for		

	500 persons and during the visit of VIPs and senior officers/dignitaries should be provided.
18	Supply of good interior decorative plants during "IITF 2015" at
	Pragati Maidan, New Delhi from 14-27 th Nov. 2015.
19	Comprehensive Insurance for entire pavilions including exhibits.
20	One Scaled 3-D model for IITF 2015 exhibition
21	Agreed with the penalties mentioned in the tender document

 22 Submitted the Bid Security Amount of Rs. 1,50,000/- (Rs. one lakh fifty thousand only) 23 Items required for Marine Aquarium (5'x15''x2'- LxBxH): (embedded and visible from outside the pavilion) a. Filter, tube lights, heaters, wooden stand (Available parts) and non-working part/damaged part has to be provided by the bidder. b. Providing and Maintenance of the sea water as per norms. c. Ornamental fishes, sea urchins, sea grass etc. with underwater environment of the oceans Marine Aquarium (2 each of 8 varieties, at any given time not less than 16 Marine species). d. Inverters of adequate capacity for continue uninterrupted power supply for 5-6 hours. e. Maintaining for "IITF 2015" at Pragati Maidan, New Delhi from 14-27th Nov. 2015 (extended in any). Any items not in workable conditions should 24 Designing and fabrication of Dioramas should depict Agro Meteorology, Desalination plant, Arctic & Antarctica, or on any other activity and achievements. (tentatively) The major other recommended depictions are: (a) Aviation Sector (IMD activity) (b) Climate Science (c) Earthquake/Seismology Models should be in approx. proportion, colour and made of fibre glass) All the diorama's should have separate LED provisions to shows the 	material
 (embedded and visible from outside the pavilion) a. Filter, tube lights, heaters, wooden stand (Available parts) and non-working part/damaged part has to be provided by the bidder. b. Providing and Maintenance of the sea water as per norms. c. Ornamental fishes, sea urchins, sea grass etc. with underwater environment of the oceans Marine Aquarium (2 each of 8 varieties, at any given time not less than 16 Marine species). d. Inverters of adequate capacity for continue uninterrupted power supply for 5-6 hours. e. Maintaining for "HTF 2015" at Pragati Maidan, New Delhi from 14-27th Nov. 2015 (extended in any).Any items not in workable conditions should 24 Designing and fabrication of Dioramas should depict Agro Meteorology, Desalination plant, Arctic & Antarctica, or on any other activity and achievements. (tentatively) The major other recommended depictions are: (a) Aviation Sector (IMD activity) (b) Climate Science (c) Earthquake/Seismology 	
 24 Designing and fabrication of Dioramas should depict Agro Meteorology, Desalination plant, Arctic & Antarctica, or on any other activity and achievements. (tentatively) - The major other recommended depictions are: (a) Aviation Sector (IMD activity) (b) Climate Science (c) Earthquake/Seismology (Models should be in approx. proportion, colour and made of fibre glass) 	
 Meteorology, Desalination plant, Arctic & Antarctica, or on any other activity and achievements. (tentatively) The major other recommended depictions are: (a) Aviation Sector (IMD activity) (b) Climate Science (c) Earthquake/Seismology (Models should be in approx. proportion, colour and made of fibre glass) 	
 (b) Climate Science (c) Earthquake/Seismology (Models should be in approx. proportion, colour and made of fibre glass) 	
glass)	
All the diorama's should have separate LED provisions to shows the	
respective movies.	
(Dismantle the stand-alone models should be packed and transported to the Ministry for erection if needed at different sites in future, no additional cost will be paid)	
 Dimensions of Arctic & Antarctica- 5.0x4.0 sq.mtrs. Dimensions of the following 5 diorama's will be 4.0x2.0 sq.mtrs Agro Meterology Desalination Plant 	
c. Aviation Sector (IMD activity) d. Climate Science	
e. Earthquake/Seismology 25 Audio visual presentation	

26	Enclose necessary photographs of the design/model from all angles.	
27	Transportation of material, if any, from Ministry Headquarters/New	
	Delhi to the site and back by the fabricator	
28	Entire power/electricity consumption charges of the pavilion of	
	MoES given by organizers of IITF 2015 will be borne by the	
	successful bidder.	

S No	Tender specifications	firm is ready to comply (Y/N)	Quality of the material
29	One AC taxi from 6 th to 29 th Nov. 2015 at New Delhi for exhibition IITF 2015. (150 km per day, 4+1 capacity, which can ply in NCR and Delhi)		material
30	To ensure due performance of the contract, Performance security is to be obtained from the successful bidder awarded the Contract. The successful bidder must furnish a Performance Security Deposit equivalent to 10% of the total value of the Contract within 10 days from the date of acceptance of the bid. The Performance Security Deposit shall be in the form of Account Payee Demand Draft/Fixed Deposit Receipt (FDR) or Bank Guarantee from a Commercial Bank drawn in favour of Drawing & Disbursing Officer (DDO), Ministry of Earth Science, New Delhi. Performance Security should remain valid for a period of sixty days beyond the date of completion of all contractual obligations of the Bidder.		
31	One unit of Spherical LED with interface of Computer for live display of weather forecast etc.		
32	Water Fountains (Two nos.)		

(Page number is mandatory & essential in this section				
S	Tender specifications	firm is ready	Page nos.	
No.		to comply		
22		(Y/N)		
33	The firm should have the following experience during the last 3			
	years:-			
	There similar a multiple description of the set the De 12 table			
	-Three similar completed works costing not less than Rs.12 lakhs.			
	-Two similar completed works costing not less than Rs.15 lakhs.			
	- I we similar completed works costing not less than KS.15 lakits.			
	- One similar completed work costing not less than Rs.24 lakhs.			
	Similar work means designing, fabrication of pavilion of any			
	Central Govt./ State Govt. or PSU. Relevant experience certificate			
	should be enclosed with Technical Bid.			
	satisfactory certificates from the clients to be enclosed and the			
	complete details for similar undertaken for the clients)			
34	The firm should have Annual Average Turnover of Rs.25 lakhs			
	during the last three years. Audited statement of accounts for			
	2012-13,2013-14 & 2014-15 are required.			
	(Copies are to be enclosed)			
35	Income-Tax return, for the years 2012-13, 2013-14 & 2014-15)			
	(copies are to be enclosed along with PAN no.)			
36(i)	Profile of the Agency/Company.			
(ii)	Details of Technical Manpower and Staff available in – house.			
(iii)	Track record-details of involvement in similar events.			
(iv)	Specific experience relating to the particular event.			
(v)	The firm should be registered with the Service Tax Department			
	and Sales Tax Department			
(vi)	Details of TIN/TAN numbers			
	Copies are to be enclosed			
(vii)	The firm should be registered under the relevant Act/Rules. A			
	certificate of Registration should be enclosed.			
(vii)	Earnest Money Deposit (EMD) of Rs.1.50 lakhs (Rupees one lakh			
	and fifty thousand only) in the form of Banker's Cheque/Demand			
	Draft/Fixed Deposit Receipt or Bank Guarantee from a			
	commercial Bank and the EMD should be drawn in favour of			
	D.D.O, Ministry of Earth Sciences and payable at New Delhi. The			
	EMD, in original, is required to be deposited in person to this			
	Ministry latest by the last date and time of the bid submission. The			
	details of the Banker's Cheque/DD/FDR/Bank Guarantee,			
	physically sent must tally with the details available in the scanned			
	copy of e-tender uploaded during the bid submission time			

(Page number is mandatory & essential in this section)

EMD will be returned to the unsuccessful tenderers at the earliest	
after expiry of the final tender validity and latest on or before the	
30 th day after the award of the work contract.	

ANNEXURE – II

Designing and Fabrication for "IITF 2015" at Pragati Maidan, New Delhi from 14-27th Nov. 2015.

TENDER SPECIFICATIONS (with financial bid) (in Rupees only)

S No.	Tender specifications	Unit Rate	Quantity	Total Price	All taxes (S. Tax, VAT, Service tax etc.)	Total (Inclusive of taxes)
1	Floor covering with multi colour designed carpets.				Service tax etc.)	(4XCS)
2.	Two new modern reception/ information counter tables (5'x3'					
a.	approx)					
b.	4 new modern chairs for sitting and 4 visitors chairs					
с.	Stationary etc. (visitor books, pens, 2 scissors, ribbon, tray, 500					
	plastic folders of A4 size, dustbin etc. 1000 nos. of pen drive of					
	2.0 GB capacity with material on achievement and activities of the					
	Ministry)(Material content on achievement and activities of the					
	Ministry will be provided by the Ministry o be handed over to					
	MoES.					
3	One 72" LED TV of dimension 5.5' x 3.5' (Length x height) for					
	screening of Ministry's films.					
	i Quote for rental per day					
	ii. Quote for procuring items for MoES use after the event.					
4	Two artistic gates with artwork, logos, mural, highlighting the					
4	name of Ministry in Hindi and English.					
5	I 3 nos. of Desktop Machines					
5	Ĩ					
	ii. Two nos. Data Entry Operator/Service Engineer as per the NICSI Rate Contract					
	111. I no. KVA Online UPS with 20 minutes backup					

iv. 1 no. 8 Port Ethernet Switch			
v. 3 nos. of UTP Cables, IO Box and Termination			
vi. 1 no. of Laser printer			
vii Certificates for the quiz needs to be on card	paper of 200		
GSM or higher along with a colour printer.			
All systems should be brought to this Ministry's head	quarter on 1 st		
Nov. 2015 for loading the quiz softwares and for tr	ial for 5 days		
before "IITF 2015" at Pragati Maidan, New De	lhi from 14-		
27 th Nov. 2015.			
(Quiz will be provided by the Ministry).			
(configuration as per Annexure III).			

6	One Separate provision for screening of films on LED screen of	
0	42".	
	i Quote for rental per day	
	ii. Quote for procuring items for MoES use after the event.	
7.	Preparation of displaying two 6'x4' murals on Ministry's activities	
	for both the exhibition separately.	
8	Executive office (3mx2m) with glass and lockable door, new	
a	modern executive Sofa Set (3+1+1 seater), Centre & side Tables,	
	Matching curtains, etc.	
	Small pantry with Tea/Coffee and packed drinking water etc. from	
b	standard company. (approx 25 person per day)	
9	A store (1.5 m x 1.5 m or more) for keeping the	
	exhibits/literature and empty boxes etc.	
10	Display the Ministry's publications, books etc. (30 publications)	
	(Books racks are available with the Ministry)	
11	1 Three nos. of Desktop Machines	
	2. Two nos. of Data Entry Operator/Service Engineer as per the	
	NICSI Rate Contract	
	3. 1 no. KVA Online UPS with 20 minutes backup	
	4. 1 no. 8 Port Ethernet Switch	
	5. 3 nos. of UTP Cables, IO Box and Termination	
	6. 1 no. of Laser printer	
	7. Certificates for the quiz needs to be on card paper of 200 GSM	
	or higher along with a colour printer.	
	All systems should be brought to this Ministry's headquarter on 1 st	
	Nov. 2015 for loading the quiz softwares and for trial before	
	"IITF 2015" at Pragati Maidan, New Delhi from 14-27 th Nov.	

	2015. (Quiz will be provided by the Ministry).			
	(configuration as per Annexure III)			
12	Three Bachelor of Science graduates, who are fluently in Hindi			
	and English as Hostess/Guides preferably having experience of			
	Ministry's exhibitions and International exhibitions with dress			
	code in consultation of Ministry, shall be posted.			
13	Two dedicated persons for day-to-day work in the pavilion shall			
	be posted in consultation of Ministry with proper dress code			
	during "IITF 2015" at Pragati Maidan, New Delhi from 14-27th			
	Nov. 2015.			

Provision of the Fire fighting equipment as per the guidelines of					
he ITPO					
Still photographic coverage shall be arranged during entire					
exhibition period, and one set of 100 colour photographs (5"x7")					
with CD and album shall be given to be to the Ministry. The					
photographer should be available on demand of Ministry (Mobile					
phone number must be mentioned).					
Daily maintenance and cleaning (minute to minute) of the pavilion					
and surroundings for entire period of "IITF 2015" at Pragati					
Maidan, New Delhi from 14-27 th Nov. 2015. shall be attended.					
Arrangement for refreshment during inaugural function at "IITF					
2015" at Pragati Maidan, New Delhi from 14-27 th Nov. 2015					
for 500 persons and during the visit of VIPs and senior					
officers/dignitaries should be provided.					
Supply of good interior decorative plants during "IITF 2015" at					
Pragati Maidan, New Delhi from 14-27 th Nov. 2015					
Comprehensive Insurance for all pavilions including exhibits.					
tems required for Marine Aquarium (5'x15''x2'- LxBxH):					
embedded and visible from outside the pavilion)					
. Filter, tube lights, heaters, wooden stand (Available parts) and					
non working part/damaged part has to be provided by the bidder.					
b. Providing and Maintenance of the sea water as per norms.					
c. Ornamental fishes, corals, sea urchins, sea grass etc. with					
inderwater environment of the oceans Marine Aquarium (2 each					
	 bill photographic coverage shall be arranged during entire xhibition period, and one set of 100 colour photographs (5"x7") with CD and album shall be given to be to the Ministry. The hotographer should be available on demand of Ministry (Mobile hone number must be mentioned). Daily maintenance and cleaning (minute to minute) of the pavilion nd surroundings for entire period of "IITF 2015" at Pragati Maidan, New Delhi from 14-27th Nov. 2015. shall be attended. Arrangement for refreshment during inaugural function at "IITF 2015" at Pragati Maidan, New Delhi from 14-27th Nov. 2015 or 500 persons and during the visit of VIPs and senior officers/dignitaries should be provided. upply of good interior decorative plants during "IITF 2015" at Pragati Maidan, New Delhi from 14-27th Nov. 2015. Comprehensive Insurance for all pavilions including exhibits. Tems required for Marine Aquarium (5'x15"x2'-LxBxH): embedded and visible from outside the pavilion) Filter, tube lights, heaters, wooden stand (Available parts) and on working part/damaged part has to be provided by the bidder. Providing and Maintenance of the sea water as per norms. Ornamental fishes, corals, sea urchins, sea grass etc. with 	ecurity for inside and surroundings of the pavilion for "IITF 015" at Pragati Maidan, New Delhi from 14-27th Nov. 2015. rom approved Agency. Provision of the Fire fighting equipment as per the guidelines of the ITPO till photographic coverage shall be arranged during entire xhibition period, and one set of 100 colour photographs (5"x7") vith CD and album shall be given to be to the Ministry. The hotographer should be available on demand of Ministry (Mobile hone number must be mentioned). Daily maintenance and cleaning (minute to minute) of the pavilion nd surroundings for entire period of "IITF 2015" at Pragati Maidan, New Delhi from 14-27th Nov. 2015. shall be attended. Arrangement for refreshment during inaugural function at "IITF 015" at Pragati Maidan, New Delhi from 14-27th Nov. 2015 or 500 persons and during the visit of VIPs and senior fficers/dignitaries should be provided. upply of good interior decorative plants during "IITF 2015" at tragati Maidan, New Delhi from 14-27th Nov. 2015 comprehensive Insurance for all pavilions including exhibits. ems required for Marine Aquarium (5'x15"x2'- LxBxH): embedded and visible from outside the pavilion) . Filter, tube lights, heaters, wooden stand (Available parts) and on working part/damaged part has to be provided by the bidder. . Providing and Maintenance of the sea water as per norms. . Ornamental fishes, corals, sea urchins, sea grass etc. with	ecurity for inside and surroundings of the pavilion for "ITF 015" at Pragati Maidan , New Delhi from 14-27th Nov. 2015 . rom approved Agency. trovision of the Fire fighting equipment as per the guidelines of the ITPO Still photographic coverage shall be arranged during entire xhibition period, and one set of 100 colour photographs (5"x7") vith CD and album shall be given to be to the Ministry. The shotographer should be available on demand of Ministry (Mobile shone number must be mentioned). Daily maintenance and cleaning (minute to minute) of the pavilion nd surroundings for entire period of "IITF 2015" at Pragati Maidan, New Delhi from 14-27th Nov. 2015. shall be attended. Marrangement for refreshment during inaugural function at "IITF 015" at Pragati Maidan, New Delhi from 14-27th Nov. 2015 or 500 persons and during the visit of VIPs and senior fficers/dignitaries should be provided. upply of good interior decorative plants during "IITF 2015" at tragati Maidan, New Delhi from 14-27th Nov. 2015 comprehensive Insurance for all pavilions including exhibits. terms required for Marine Aquarium (5'x15"x2' - LxBxH): embedded and visible from outside the pavilion) . Filter, tube lights, heaters, wooden stand (Available parts) and on working part/damaged part has to be provided by the bidder. . Providing and Maintenance of the sea water as per norms. . Ornamental fishes, corals, sea urchins, sea grass etc. with	ecurity for inside and surroundings of the pavilion for "IITF 015" at Pragati Maidan, New Delhi from 14-27 th Nov. 2015. rom approved Agency. Provision of the Fire fighting equipment as per the guidelines of the ITPO titll photographic coverage shall be arranged during entire xhibition period, and one set of 100 colour photographs (5"x7") with CD and album shall be given to be to the Ministry. The hotographer should be available on demand of Ministry (Mobile hone number must be mentioned). Daily maintenance and cleaning (minute to minute) of the pavilion nd surroundings for entire period of "IITF 2015" at Pragati Maidan, New Delhi from 14-27 th Nov. 2015. shall be attended. Arrangement for refreshment during inaugural function at "IITF 015" at Pragati Maidan, New Delhi from 14-27 th Nov. 2015 or 500 persons and during the visit of VIPs and senior fficers/dignitaries should be provided. upply of good interior decorative plants during "IITF 2015" at ragati Maidan, New Delhi from 14-27 th Nov. 2015 Comprehensive Insurance for all pavilions including exhibits. ems required for Marine Aquarium (5'x15"x2'- LxBxH): embedded and visible from outside the pavilion) . Filter, tube lights, heaters, wooden stand (Available parts) and on working part/damaged part has to be provided by the bidder. . Providing and Maintenance of the sea water as per norms. . Ornamental fishes, corals, sea urchins, sea grass etc. with	ecurity for inside and surroundings of the pavilion for "IITF 015" at Pragati Maidan, New Delhi from 14-27 th Nov. 2015. rom approved Agency. rowision of the Fire fighting equipment as per the guidelines of he ITPO till photographic coverage shall be arranged during entire xhibition period, and one set of 100 colour photographs (5"x7") vith CD and album shall be given to be to the Ministry. The hotographer should be available on demand of Ministry (Mobile hone number must be mentioned). Daily maintenance and cleaning (minute to minute) of the pavilion nd surroundings for entire period of "IITF 2015" at Pragati Aidaan, New Delhi from 14-27 th Nov. 2015, shall be attended. Arrangement for refreshment during inaugural function at "IITF 015" at Pragati Maidan, New Delhi from 14-27 th Nov. 2015 or 500 persons and during the visit of VIPs and senior fficers/dignitaries should be provided. upply of good interior decorative plants during "IITF 2015" at tragati Maidan, New Delhi from 14-27 th Nov. 2015 comprehensive Insurance for all pavilions including exhibits. erns required for Marine Aquarium (5"x15"x2"- LxBxH): embedded and visible from outside the pavilion) . Filter, tube lights, heaters, wooden stand (Available parts) and on working part/damaged part has to be provided by the bidder. . Providing and Maintenance of the sea water as per norms. . Ornamental fishes, corals, sea urchins, sea grass etc. with

of 8 varieties, at any given time not less than 16 Marine species).			
d. Inverters of adequate capacity for continue uninterrupted power			
supply for 5-6 hours.			
e. Maintaining for "IITF 2015" at Pragati Maidan, New Delhi			
from 14-27 th Nov. 2015 (extended in any).			
f. Any items not in workable conditions should			

22	Designing and fabrication of Ministry pavilion on the bare floor			
	space of 200 sq mts (tentatively)			
23	Designing and fabrication of Dioramas should depict Agro			
	Meteorology, Desalination plant, Arctic & Antarctica, or on any			
	other activity and achievements. (tentatively)			
	- The major other recommended depictions are:			
	(a) Aviation Sector (IMD activity)			
	(b) Climate Science			
	(c) Earthquake/Seismology			
	(Models should be in annexy properties, colour and made of			
	(Models should be in approx. proportion, colour and made of fibre class)			
	fibre glass)			
	All the diorama's should have separate LED provisions to shows			
	the respective movies.			
	(Dismantle the stand-alone models should be packed and			
	transported to the Ministry for erection if needed at different sites			
	in future, no additional cost will be paid)			
	Dimensions of Arctic & Antarctica- 5.0x4.0 sq.mtrs.			
	Dimensions of the following 5 diorama's will be 4.0x2.0 sq.mtrs			
	d. Agro Meterology,			
	e. Desalination Plant			
	a. Aviation Sector (IMD activity)			
	b. Climate Science			
	c. Earthquake/Seismology			
24	Models etc should be transported to IITF 2105 exhibition venue			
	from MoES, Delhi & back by the fabricator.			
25	Entire power/electricity consumption charges of the pavilion of			

	MoES given by organizers of IITF 2015 will be borne by the			
	successful bidder.			
26	One AC taxi from 6th to 29th Nov. 2015 at New Delhi for			
	exhibition IITF 2015. (150 km per day, 4+1 capacity, which can			
	ply in NCR and Delhi)			

27	One unit of Spherical LED with interface of Computer for live display of weather forecast etc.	01		
	i Quote for rental per day ii. Quote for procuring items for MoES use after the event.			
28	 Thirty nos (Hindi & English-15 nos. each) of the backlit posters of 3'x5' dimension (width x height) 30-40 nos of posters material in English, Hindi and local dialect in LED Touch Screen of 42" Four nos. of LED touch screens of 42" each in each the two exhibitions ("IITF 2015" at Pragati Maidan, New Delhi has to be put-up 			
29	Water Fountains (Two nos.)	02		

Grand Total (in figures) Rs.

(inclusive of all taxes)

<u>Grand Total Cost (in words) :</u> Rs..... (inclusive of all taxes)

Date: Place:

Signature of authorized person

Name

(Company Seal)

_In the capacity of

Duly authorized by

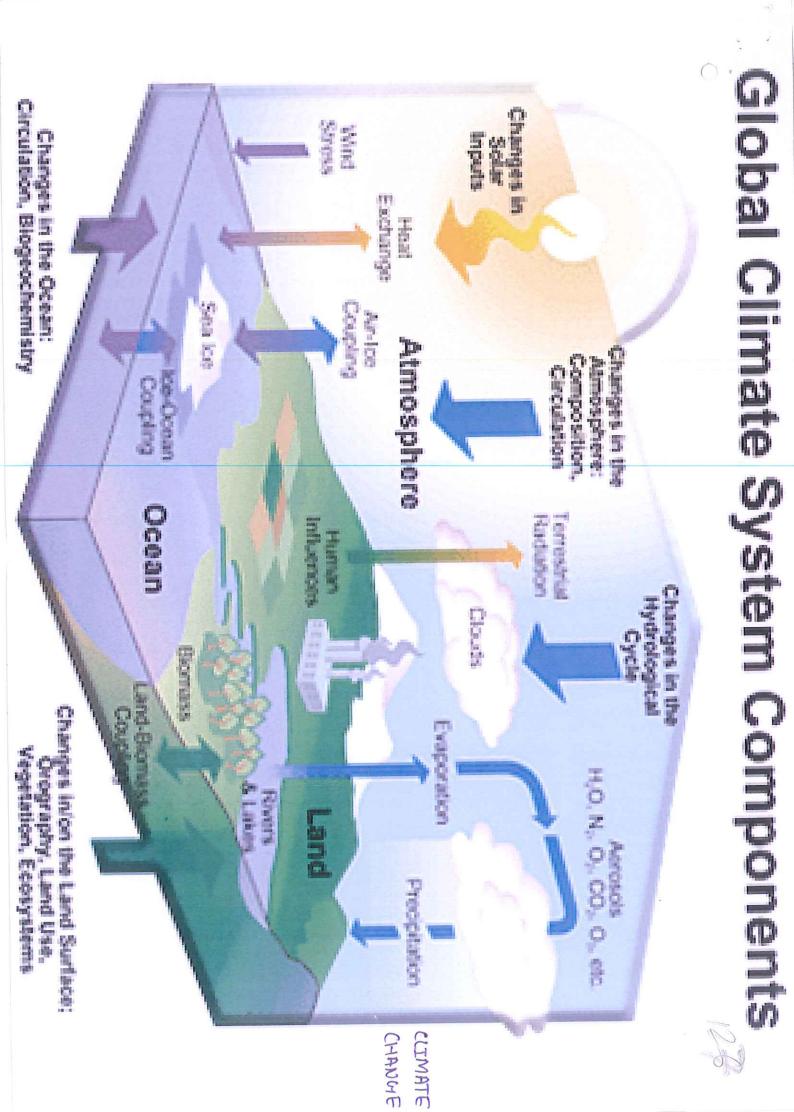
Note :

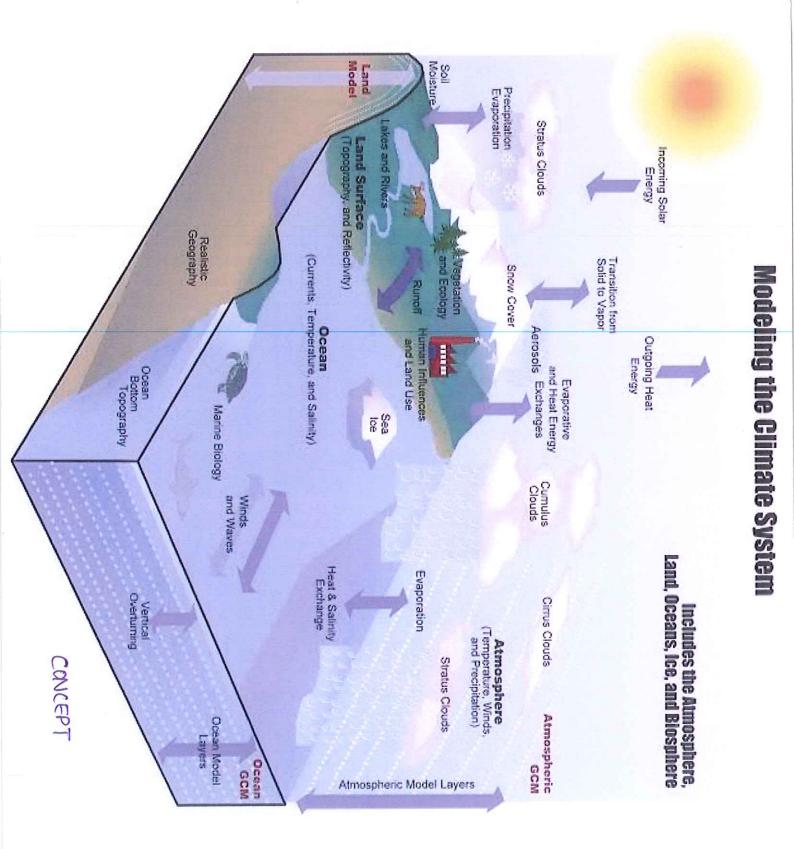
1. No cutting or over-writing is allowed. Any cutting or overwriting will lead to rejection of the bid.

2. If any tax are payable by the contractor to the Government or any other authority it shall not be bidding on MoES to pay any kind of taxes except service tax as applicable paid to the contractor.

3. The Bid security amount (BSA) amount should be adjusted in the amount of performance guarantee/ performance security which is @ 10% of total value of the contract.

4. Signature on all the page in TB & FB and all annexure by the bidder along with Company stamp





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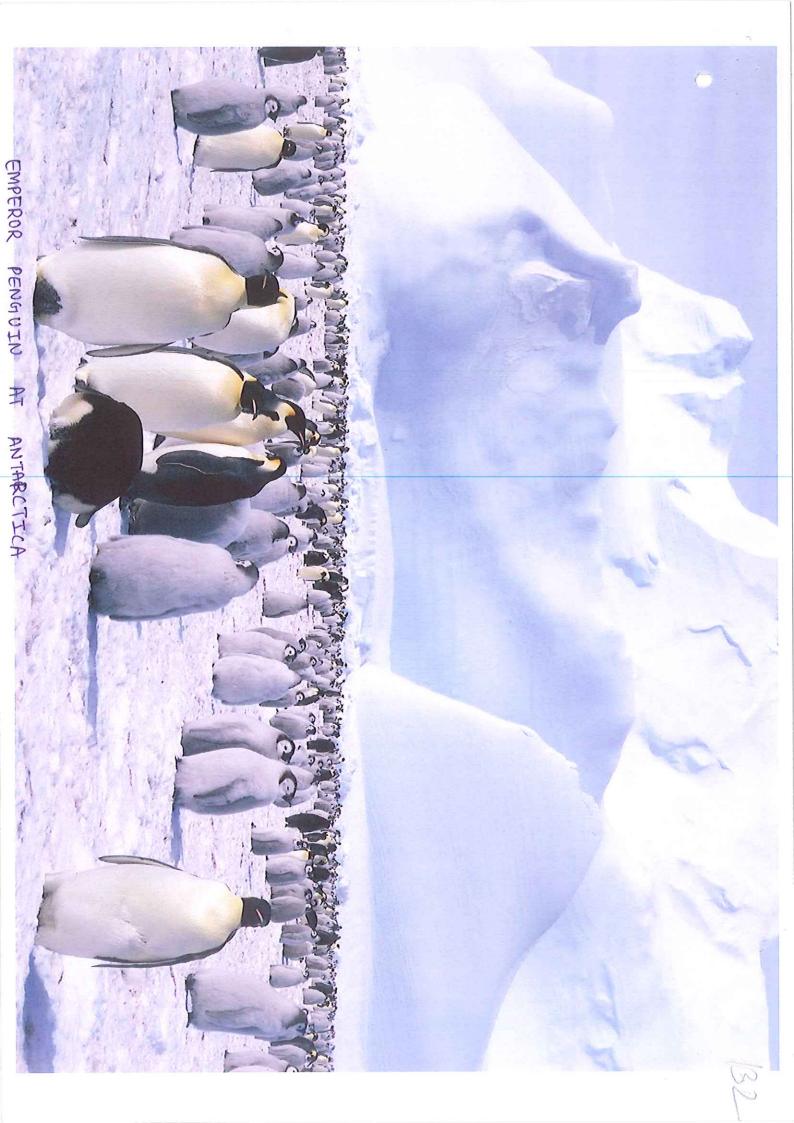






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INDIAN PERMANENT STATION "BHARTI AT ANTARCTICA









DESALINATION Ministry of Earth Sciences has successfully commissioned the Low Temperature Thermal Desalination Plant (LTTD) at Kavaratti, Minicoy & Agati which is supplying drinking water with a capacity of 0.1 million liters per day to the local community in Lakshadweep Islands since 2005. The surface sea water at about 28-30 degrees Celsius is sent to a low pressure flash chamber where it instantaneously evaporates under vacuum. The generated vapour s then sent to a condenser where it condenses to water using colder deep sea water at about 12-13 degree Celsius drawn from a depth of 1000 m DIORAMA OF DESALINATION PLANT अलवणीकरण DESALINATION Desalination AT KAVARATTI, LAKSHADWEEP,

