## SMRITIVAN MEMORIAL MUSEUM INTERIOR EXECUTION BILL OF QUANTITY - PART 1

## BILL OF QUANTITY\_SEGMENT A

S. No.	Item	Unit	Quantity		COMMENTS
			A1	MUSEUM INTERIORS FINISHES	
A	PARTITIONS, FINISHES & PANELLING			Remarks	
	Wooden Partition - 75mm (GI Framing with ply on both Sides)	Sqm	189.73	Section Drawing is Required Reference Drawing no. is not given Unable to find in the layouts	Refer Drawing, I-SEMM-KUC-TD-04
	Wooden Partition - 150mm (GI Framing with ply on both Sides)	Sqm	186.31	Section Drawing is Required Reference Drawing no. is not given	This is a standard detail. Please quote as per the specifications mentioned item. Refer other partition details for reference
				Shown in this layout @ one location -SEMM-KUC-01- 01.C BLOCK PLAN	
	Wooden Partition - 300mm (GI Framing with ply on both Sides)	Sqm	159.73	Section Drawing is Required Reference Drawing no. is not given Unable to find in the layouts	This is a standard detail. Please quote as per the specifications mentioned item. Refer other partition details for reference
	Curved Wooden Partition - 150mm (GI Framing with ply on both Sides)	Sqm	150.00	Section Drawing is Required Reference Drawing no. is not given Shown in this drawing at one location- I-SEMM-KUC-03- 01, E BLOCK PLAN	Refer Drawing, I-SEMM-KUC-TD-04
	Wooden Panelling (Wooden Framing with ply on Single Side)	Sqm	551.41	Section Drawing is Required Reference Drawing no. is not given	Refer Drawing, I-SEMM-KUC-TD-04
	Wooden Partition with Acoustical Insulation - 75mm	Sqm	82.88	Section Drawing is Required Reference Drawing no. is not given	This is a standard detail. Please quote as per the specifications mentioned item. Refer other partition details for reference i.e I-SEMM-KUC-TD-04 & KUC-TD-05
7.0	Wooden Partition with Acoustical Insulation - 150mm	Sqm	137.02	Section Drawing is Required Reference Drawing no. is not given	Refer Drawing, I-SEMM-KUC-TD-04
8.0	Wooden Partition with Acoustical Insulation - 300mm	Sqm	98.35	Section Drawing is Required Reference Drawing no. is not given	This is a standard detail. Please quote as per the specifications mentioned item. Refer other partition details for reference i.e I-SEMM-KUC-TD-04 & KUC-TD-05
9.0	Curved Wooden Partition - 150mm with Acoustical Insulation	Sqm	198.00	Section Drawing is Required Reference Drawing no. is not given Is this for this area ?	Refer Drawing, I-SEMM-KUC-TD-04
10.0	Aluminium Skirting	Rm	397.00	75 mm, Colour - as per desired colour ?	To be decided later as per the gallery design scheme.
12.0	Cement Board Partitions (With MS Frame)	Sqm	51.00	Section Drawing is Required Reference Drawing no. is not given	Refer Drawing, I-SEMM-KUC-TD-04
13.0	Terracota wall partition (GI frame with Terracotta Finish Mud Plaster)	Sqm	96.14	Make is not given of cement board Section Drawing is Required Reference Drawing no. is not given Shown in this drawing @ One location- I-SEMM-KUC-03-01, E BLOCK PLAN	Refer Drawing, I-SEMM-KUC-TD-04
14.0	Terracotta wall panelling (GI frame with Terracotta Finish Mud Plaster)	Sqm	44.20	Section Drawing is Required Reference Drawing no. is not given Shown in this drawing @ One location- I-SEMM-KUC-03-01, E BLOCK PLAN	Refer Drawing, I-SEMM-KUC-TD-04

			International and and the second seco	
15.0 SS Railing	rm	320.45	Section Drawing is Required	Refer I-SEMM-KUC-ID-C07, GALLERY C7 EARLY CIVILIZATION for clarity. The shope
			Reference Drawing no. is not given	drawing to be submitted by the vendor
			Shown in this drawing @ Various locations-	
			I-SEMM-KUC-02-01, D BLOCK PLAN	
			I-SEMM-KUC-03-01, E BLOCK PLAN	
			I-SEMM-KUC-06-01, H-BLOCK PLANS	
17.0 Corten Steel wall panelling	Sqm	RO	Section Drawing is Required	Refer Drawing, I-SEMM-KUC-TD-05
			Reference Drawing no. is not given	
			Shown in this drawing @ Various	
			I-SEMM-KUC-02-01, D BLOCK PLAN	
			I-SEMM-KUC-03-01, E BLOCK PLAN	

18.0 Applique Fabric Panelling with	Sqm	RO	Section Drawing is Required	Refer Drawing, I-SEMM-KUC-TD-04
cushioning on one side	54	110	Reference Drawing no. is not given	
			Shown in this drawing @ Various locations	
			I-SEMM-KUC-01-01,C BLOCK PLAN	
19.0 Block Printing Fabric Panelling with	Sqm	RO	Section Drawing is Required	Refer Drawing, I-SEMM-KUC-TD-04
cushioning on one side			Reference Drawing no. is not given	
			Shown in this drawing @ Various loctions	
			I-SEMM-KUC-02-01, D BLOCK PLAN	
20.0 Weaving Fabric Panelling with	Sqm	RO	Section Drawing is Required	Refer Drawing, I-SEMM-KUC-TD-04
cushioning on one side			Reference Drawing no. is not given	
			Shown in this drawing @ One loction	
			I-SEMM-KUC-02-01, D BLOCK PLAN	
			CHERT Amph Provide Chert	
			Ver specification	
21.0 Lacquered Wood Artwork	Sqm	RO	Drawing is Required	Refer Drawing, I-SEMM-KUC-TD-04
			Reference Drawing no. is not given	
			Shown in this drawing @ One loction	
			I-SEMM-KUC-03-01, E BLOCK PLAN	
			C) Preestanding Glass Information Panels Angular 1200mm x	
			2400mm - Type - 5	
			CT) Lacquered wood Artwork Display as per specification	
			Depay as perspectication	
			Electronic ticket	
			per specification	
22.0 Terracotta Artwork Panelling	Sqm	RO	Drawing is Required	Refer Drawing, I-SEMM-KUC-TD-05
	54		Reference Drawing no. is not given	
			Shown in this drawing @ two loctions	
			I-SEMM-KUC-03-01, E BLOCK PLAN	
			Free standing Glass Information UP + Panels Angular	
			Type-5 Angular - Type-5	
			Display per specification devices of the specification	
			E5 portion and an part approval reporting	
			Lung Room Science	
23.0 Rogan Artwork Fabric Panelling with	Sqm	RO	Drawing is Required	Refer Drawing, I-SEMM-KUC-TD-04
cushioning on one side			Reference Drawing no. is not given	
			Shown in this drawing @ one loction	
			I-SEMM-KUC-03-01, E BLOCK PLAN	

51.0 Printed C	Glass (for wall panelling)	Sqm	226.00	Drawing is Required Reference Drawing no. is not given Shown in this drawing @ Various loctions I-SEMM-KUC-02-01, D BLOCK PLAN	Refer Drawing, I-SEMM-KUC-TD-05
52.0 Lacquere	ed Glass (for Wall panelling)	Sqm	196.00	Drawing is Required Reference Drawing no. is not given Shown in this drawing @ Various loctions I-SEMM-KUC-02-01, D BLOCK PLAN I-SEMM-KUC-03-01, E BLOCK PLAN	Refer Drawing, I-SEMM-KUC-TD-05
53.0 Etched C	orian Panelling	Sqm	98.00	Section Drawing is Required Reference Drawing no. is not given	This is a standard detail. Please quote as per the specifications mentioned in the item. Refer other partition details for reference i.e. I-SEMM-KUC-TD-04 & I-SEM KUC-TD-05
		-		Unable to find in layouts	
54.0 Lacquere	ed Etched Glass	Sqm	221.00	Section Drawing is Required Reference Drawing no. is not given	This is a standard detail. Please quote as per the specifications mentioned in the item. Refer other partition details for reference i.e I-SEMM-KUC-TD-04 & I-SEM KUC-TD-05
				Unable to find in layouts	
66.0 Lockable	e Glass case- Type 1	no's	45.00	More details are required	Refer typical artefact display unit detail. To be further detailed out by the vend and approved by design consultant
67.0 Lockable	e Glass case- Type 2	no's	RO	More details are required	Refer typical artefact display unit detail. To be further detailed out by the vendo and approved by design consultant
68.0 Receptio	n table	no's	1.00	Dimensions/Drawings are required Is this the same table as shown in this layout ? I-SEMM-KUC-01-01,C BLOCK PLAN	Refer Drawing, I-SEMM-KUC-FD-05
69.0 Receptio	n table - Lower Ground	no's	1.00	Dimensions/Drawings are required Is this the same table as shown in this layout ? I-SEMM-KUC-06-01, H-BLOCK PLANS	Refer Drawing, I-SEMM-KUC-FD-15
71.0 Lockers f	for cloak room	no's	125.00	make is not mentioned	Refer Item Reference image- PDF document.
72.0 Bench -	Туре 1	no.s	45.00	unable to find in the layouts section drawing is required	Refer Drawing, I-SEMM-KUC-FD-02
	Type 2 (Angular)	no.s	22.00	section drawing is required	Refer Drawing, I-SEMM-KUC-FD-02
	Type 3 (Angular)	no.s	5.00	drawing is required with section	Refer Drawing, I-SEMM-KUC-FD-02
75.0 Café Cha	airs	no.s	68.00	location is clear. I-SEMM-KUC-05-01, G BLOCK PLAN detail drawing is require.	Make: Ergoline/equivalent
76.0 Café Tab	les- Corian Top (Rectangular)	no.s	10.00	location is clear. I-SEMM-KUC-05-01, G BLOCK PLAN detail drawing is require.	Refer Drawing,I-SEMM-KUC-FD-08
77.0 Café Tab	les- Corian Top (Circular)	no.s	7.00	location is clear. I-SEMM-KUC-05-01, G BLOCK PLAN detail drawing is require.	Refer Drawing,I-SEMM-KUC-FD-09
78.0 Librarian	's counter	no.s	2.00	location is clear. I-SEMM-KUC-01-01,C BLOCK PLAN detail drawing is require.	Refer Drawing, I-SEMM-KUC-FD-05
80.0 Reading	table	no.s	3.00	location is clear. I-SEMM-KUC-01-01,C BLOCK PLAN detail drawing is require.	Refer Slide 277 for reference image. Recommended make: Featherlite /wipro /godrej /durian /equivalent
81.0 Board ro	om Table	no.s	1.00	location is clear. I-SEMM-KUC-01-01,C BLOCK PLAN detail drawing is require.	Refer Drawing, I-SEMM-KUC-FD-03
83.0 Reading	table - Side Units	no.s	3.00	location is clear. I-SEMM-KUC-01-01,C BLOCK PLAN detail drawing is require.	Refer Drawing, I-SEMM-KUC-FD-11
84.0 Custom I	Made Book Shelf - For Library	no.s	3.00	location is clear. I-SEMM-KUC-01-01,C BLOCK PLAN detail drawing is require.	Refer C block section drawing
85.0 Storage I	Pedestals	no.s	12.00	location is clear. I-SEMM-KUC-01-01,C BLOCK PLAN detail drawing is require.	Recommended make: Featherlite /wipro /godrej /durian /equivalent
86.0 Storage (	Cabinets	Sqm	48.50	location is clear. I-SEMM-KUC-01-01,C BLOCK PLAN detail drawing is require.	Refer Drawing,I-SEMM-KUC-FD-12
87.0 Storage (	Cabinets - Board Room	Sqm	18.30	location is clear. I-SEMM-KUC-01-01,C BLOCK PLAN detail drawing is require.	Refer Drawing, I-SEMM-KUC-FD-13
89.0 L-shaped	l Workstations	no.s	12.00	location is clear. I-SEMM-KUC-01-01,C BLOCK PLAN detail drawing is require.	Recommended make: Featherlite /wipro /godrej /durian /equivalent
90.0 Simulato	or Reception Table	no.s	1.00	detail drawings are required Shown in this drawing I-SEMM-KUC-06-01, H-BLOCK PLANS	Refer Drawing, I-SEMM-KUC-FD-06
93.0 Housing	for Self Ticketing Kiosk	no.s	1	location is clear. I-SEMM-KUC-01-01,C BLOCK PLAN detail drawing is require.	Refer Drawing, I-SEMM-KUC-FD-14
95.0 Outdoor	Light Panel	no.s	33	drawing reference number is not given. Location is not clear detail drawing is required	Refer Drawing, I-SEMM-KUC-FD-10
96.0 Blackout	Light Curtains	no.s	3	drawing reference number is not given. Location is not clear detail drawing is required	Refer Drawing, I-SEMM-KUC-03-01, E BLOCK PLAN, E5 Gallery

3         Refer drawing is not given         Item, Refer drawing is not given         Item, Refer drawing is not given           110.0 Free standing Glass Information Panels Angular - Type - 5.1         no.s         RO         Drawing is required         refer I-SEMM-RUC-TD-03, FREE STANDING GLASS INFORMATION 4.           111.0         Freestanding Graphic panels - Type 6         no.s         RO         Drawing is required         refer I-SEMM-RUC-TD-03, FREE STANDING GLASS INFORMATION 4.           111.0         Freestanding Graphic panels - Type 6         no.s         RO         Drawing is required         This is a standard detail. Please quote as per the specifications in tem. Refer drawing is not given         Here I-SEMM-RUC-TD-03, FREE STANDING GLASS INFORMATION 4.           111.0         Corten Steel Information Signage Type - 7         no.s         6.00         Drawing is required Refer drawing is not given         This is a standard detail. Please quote as per the specifications in tem. Refer other partition details for reference is PSIMM-RUC- NUC-TD-05           111.00         Free standing Glass Information Signage Type - 3         no.s         RO         Drawing is required Refer drawing is not given         This is a standard detail. Please quote as per the specifications in tem. Refer other partition details for reference is PSIMM-RUC- NUC-TD-05           111.00         Free standing Glass Information Signage Type - 3 (With Stone Backing & MS Framework)         no.s         RO         Refer Orawing is not given         The is a st	e the schemes	Refer page 31 - 32 of the reference presentation for C3+C5 replicas (qty 6) Refer page 53-58 for C6+C7 replicas(qty 12) Refer page 155 for E3 (qty 12) Refer page 23 for C3 + C5 (Qty 5) Refer page 207-208 for theme. 3D Models to be made to showcase the sch and programmes launched by the Government of Gujarat and GSDMA (Qty		43	no.s	Object Replicas - Gallery Wise	
Image: Second		Refer Itom Reference image DDEdecument	Drawing is required	20.00			
Locates is bart start         Locates is bart start         Locates is bart start           100.0         Gister printed Graphic panels, Type - 1A         no.1         25.00         Decking is required.         Autor Decking is Start Mark 40, CTD-05           100.0         Gister printed Graphic Panels, Type - 1B         no.1         80         Decking is required.         Autor Decking is Start Mark 40, CTD-05           100.0         Gister printed Graphic Panels, Type - 1B         no.1         80         Decking is required.         Autor Decking is Start Mark 40, CTD-05           100.0         Cortex Start Information Panels, Type - 1D         no.1         80         Decking is required.         Rest Start Mark 40, CTD-05           100.0         Cortex Start Information Panels, Type - 1D         no.2         600         Decking is required.         Rest Start Mark 40, CTD-05           100.0         Penels of Long Type - 1D         no.2         600         Decking is required.         Rest Start Mark 40, CTD-05           110.0         Penels of Long Type - 1D         no.2         100         Rest Start Mark 40, CTD-05         Rest Start Mark 40, CTD-05           110.0         Penels of Long Type - 1D         no.2         100         Rest Start Mark 40, CTD-05         Rest Start Mark 40, CTD-05           1110.0         Penels Start Mark 40, CTD-05         Rest Start Mar				30.00	10.5	Individual Rooms in Signage	102.0
International production is not clear         Location is not clear         Refer Drawing, ISBMA AUX_TD-S           10500         Bites Print Graphic Number, Type - 1 B         no.5         Ro         Disaving is required substrated from the information Panels, Type         no.5         Ro         Disaving is required substrate from the information Panels, Type         no.5         Ro         Disaving is required substrate from the information Panels, Type         no.5         Ro         Disaving is required substrate from the information Panels, Type         no.5         Ro         Disaving is required substrate from the information Panels, Type - 1         no.5         Ro         Disaving is required substrate from the information Panels, Type - 1         no.5         Ro         Disaving is required substrate from the information Panels, Type - 1         no.5         Ro         Disaving is required substrate from the information Panels, Type - 1         no.5         Ro         Disaving is required substrate from the information Panels, Type - 1         no.5         Ro         Disaving is required substrate from the information Panels, Type - 1         no.5         Ro         Disaving is required substrate from the information Panels, Type - 1         no.5         Ro         Disaving is required substrate from the information Panels, Type - 1         no.5         Ro         Disaving is required substrate from the information Panels, Type - 1         no.5         Ro         Disaving is required substra tance dustat the information Panels, Type - 1         T		Refer Drawing, I-SEMM-KUC-TD-05		30.00	no.s	Way Finding - Wall Mounted Type - 1	103.0
Image:		Refer Drawing, I-SEMM-KUC-TD-05		25.00	no.s	Glass printed Graphic panels, Type - 1 A	104.0
Type - 2         Refer drawing is regimed         Refer drawing is regimed           100.0 Grete Steel Information Panels, Type - 3         no.3         6.00         Drawing is regimed         The is a standard steel. Researce quote as per the specification of the information of the specification of the information panels         The is a standard steel. Researce quote as per the specification of the information of the panels of the panels           11.00 Free standing Graphic panels - Type 6         no.3         RO         Drawing is required Refer drawing is to given         The is a standard steel. Researce quote as per the specifications of the information Signage Type - refer SIMM AUC TO 0, PRE STANDING GLASS REPORMATION After drawing is to given           11.00 Free standing Graphic panels - Type 6         no.3         RO         Drawing is required Refer drawing is to given         This is a standard steel. Researce quote as per the specifications refer drawing is to given           11.00 Cortens Steel Information Signage Type - 8         no.3         RO         Drawing is required Refer drawing is to given         This is a standard steel. Researce quote as per the specifications refer drawing is to given           11.01 Cortens Steel Information Signage Type - 8         no.3         RO         Drawing is required Refer drawing is to given         This is a standard steel. Researce quote as per the specifications refer refer drawing is to given           11.02 Tree standing Garsh Max UC MAX UC 11.03 Cortens Steel Information Panels         no.3         RO         Drawing is required Refer drawing i		Refer Drawing, I-SEMM-KUC-TD-05		56.00	no.s		105.0
3         Network         Performany is not given         Performany is not given         Performany is not given           1100         Pree standing Glass Information Panele Auguar - Type - 1.51         no.5         RD         Diraving is registed Performany is not given         4           1110         Preestanding Graphic panele - Type 6         no.5         RD         Diraving is registed Performany is not given         4           1110         Preestanding Graphic panele - Type 6         no.5         RD         Diraving is reguined Performany is not given         4           1110         Prestanding Graphic panele - Type 6         no.5         RD         Diraving is reguined Performany is not given         4           1110         Prestanding Graphic panele - Type 6         no.5         RD         Diraving is reguined Performany is not given         This is a standard detail. Pease quete as per the performany Performany is not given           1110         Prestanding Graphic panele - Type - RD         no.5         RD         Diraving is reguined Performany is not given         This is a standard detail. Pease quete as per the performany Performany is reguined Performany is not given         The is a standard detail. Pease quete as per the performany Performany is reguined Performany is reguined Performany is not given         The is a standard detail. Pease quete as per the approximation is prestanding Glass Information Panele Performany is not given           1110         Pree		Refer Drawing, I-SEMM-KUC-TD-05		RO	no.s		106.0
Iso Pre-standing Guess Information Panets         no.s.         BD         Drawing is required Befer drawing is required         refer 552MA-UC TD-23, FREE STANDING GLASS INFORMATION 4           Iso Pre-standing Graphic panets - Type 6         no.s.         RO         Drawing is required Befer drawing is required         refer 158MA-UC TD-23, FREE STANDING GLASS INFORMATION 4           Iso Origonal Standard Gerall Information Signage Type - 0         no.s.         RO         Drawing is required Befer drawing is required and the particular drawing is required before trawing is required before trawing is required before trawing is required before drawing is required before trawing is		This is a standard detail. Please quote as per the specifications mentioned tem. Refer other partition details for reference i.e I-SEMM-KUC-TD-04 & I-KUC-TD-05		6.00	no.s	Corten Steel Information Panels , Type - 3	107.0
Image: Content Steel Information Signage Type:         no.s         2.00         Refer drawing is not given the steel formation signage Type:         no.s         2.00         Refer drawing is not given the steel formation signage Type:         No.s         6.00         Drawing is required the formation signage Type:         No.s         6.00         Drawing is required the formation signage Type:         No.s         6.00         Drawing is required the formation signage Type:         No.s         6.00         Drawing is required the formation deals for reference is ISMMAUC           114.0         Corten Steel Information Signage Type:         no.s         RO         Drawing is required the formation deals for reference is ISMMAUC         No.s         Refer drawing is not given the steel formation deals for reference is ISMMAUC           115.0         Free standing Glass Information formation formation for the method for reference is ISMMAUC         No.s         Refer drawing is not given the steel formation scale for reference is ISMMAUC           115.0         Free standing Glass Information formation for televence is ISMMAUC         No.s         N	ANELS - TYPE -	refer I-SEMM-KUC-TD-03, FREE STANDING GLASS INFORMATION PANELS - 4		RO	no.s	_	110.0
7     Refer drawing is not given     teen. Refer offer partision dealies for reference (e) 4 SUMMAUC CUC TO SU (CUC TO SUC TO SU	ANELS - TYPE -	refer I-SEMM-KUC-TD-03, FREE STANDING GLASS INFORMATION PANELS - 4		RO	no.s	Freestanding Graphic panels - Type 6	111.0
8         Refer drawing is not given         Item. Refer drawing is not given         Item. Refer drawing is not given           114.0         Free standing Glass Information Panels         no.s         RO         Drawing is required         refer ISEMM-KUC TD-03, FREE STANDING GLASS INFORMATION           115.0         Free standing Corten Steel Information         no.s         RO         Drawing is required         refer ISEMM-KUC TD-03, FREE STANDING GLASS INFORMATION           115.0         Free standing Corten Steel Information         no.s         RO         Drawing is required         This is a standard deal. Prease quote as per the specifications in term. Refer other partition details for reference i.e. I-SEMM-KUC TD-03, FREE STANDING GLASS INFORMATION           1161.0         Role Transworki         no.s         RO         Drawing is required         This is a standard deal. Prease quote as per the specification in term. Refer other partition details for reference i.e. I-SEMM-KUC TD-03, FREE STANDING GLASS INFORMATION           1161.0         Refer Transworki         no.s         RO         Refer Crawing is not given         Them. Refer other partition details for reference i.e. I-SEMM-KUC TD-03, FREE STANDING GLASS INFORMATION           1161.0         Refer Trawing is not given         Refer Presentation details for reference i.e. I-SEMM-KUC TD-03         Refer Presentation & them Description           1161.0         Refer Presentation Reper Standard deal.         Refer Presentation & them Description	D-04 & I-SEMM-		Refer drawing is not given		no.s	7	
- Type - 9       Refer drawing is not given       4         115.0       Free Standing Corten Steel Information Signage Type - 10 (With Stone Backing Single Type - 10 (With Stone Backing Single Type - 10 (With Single Type - 10 (Wi		This is a standard detail. Please quote as per the specifications mentioned tem. Refer other partition details for reference i.e I-SEMM-KUC-TD-04 & I- KUC-TD-05	Refer drawing is not given	6.00	no.s		113.0
Signage Type - 10 (With Stone Backing & MS Framework)         Refer drawing is not given         Item. Refer other partition details for reference i.e. I-SEMM-XUC- KUC-TO-GS	PANELS - TYPE -	refer I-SEMM-KUC-TD-03, FREE STANDING GLASS INFORMATION PANELS - 4	- · ·	RO	no.s	_	114.0
C: BLOCK           141.0         Reception digital wall         Job         1.00         Location is clear. If specific drawing is provided it would be easier to quote.         Refer Presentation & Item Description           143.0         Library Wall Art Mural by Local Artist         no.s         1500.00         reference image is required         Refer Presentation & Item Description           147.0         360 degree Nature experience         Job         1.00         Plan, Sctions and elevation are required with dimensions         Refer Drawing, I-SEMM-KUC-ID-C01           148.0         Wind Sculpture         no.s         1.00         Drawings are required Sunny to look into this         It is not a readymade solution. The installation need to be custor the museum in co-ordination with technology expert.           149.0         Temperature Installation         no.s         1.00         Drawings are required Sunny to look into this         The real time temperature needs to be displayed. It is not a ready mode solution. The installation is inspired mercury thermometer. The back and information for the installation solution with technology expert.           149.0         Fessil Display Table         no.s         1.00         Section drawing is required         The real time temperature installation for the installation is inspired mercury thermometer. The back and information for the installation captured digitally and displayed to the visitors through an appropriot observate the temperature.           152.0         Fossil Display Tabl		This is a standard detail. Please quote as per the specifications mentioned item. Refer other partition details for reference i.e I-SEMM-KUC-TD-04 & I- KUC-TD-05	Refer drawing is not given	RO	no.s	Signage Type - 10 (With Stone Backing	115.0
141.0         Reception digital wall         Job         1.00         Location is clear. If specific drawing is provided it would be easier to quote.         Refer Presentation & Item Description           143.0         Library Wall Art Mural by Local Artist         no.s         1500.00         reference image is required         Refer Presentation & Item Description           147.0         360 degree Nature experience         Job         1.00         Plan, Sctions and elevation are required with dimensions         Refer Drawing, I-SEMM-KUC-ID-C01           148.0         Wind Sculpture         no.s         1.00         Drawings are required Sumry to look into this         It is not a readymade solution. The installation need to be custo the museum in co-ordination with technology expert.           149.0         Temperature Installation         no.s         1.00         Drawings are required Sumry to look into this         The real time temperature needs to be displayed. It is not a ready the museum in the ordination with technology expert.           149.0         Temperature Installation         no.s         1.00         Drawings are required Sumry to look into this         The real time temperature needs to be displayed. It is not a ready the science and technology expert. The installation or with existors through an approp to showcase the temperature.           152.0         Fossil Display Table         no.s         1.00         Section drawing is required         Refer Drawing, I-SEMM-KUC-ID-C03							
Image: Second							
147.0360 degree Nature experienceJob1.00Plan, Sctions and elevation are required with dimensionsRefer Drawing, I-SEMM-KUC-ID-CO1148.0Wind Sculptureno.s1.00Drawings are required Sunny to look into thisIt is not a readymade solution. The installation need to be custo the museum in co-ordination with technology expert.149.0Temperature Installationno.s1.00Drawings are required Sunny to look into thisThe real time temperature needs to be displayed. It is not a ready The installation is inspired mercury thermometer. The back end information is inspired mercury thermometer. The back end information is inspired to showcase the temperature.152.0Fossil Display Tableno.s1.00Section drawing is required section drawing is requiredRefer Drawing, I-SEMM-KUC-ID-CO3153.0Suspended Light over Fossil Display Tableno.s1.00Section drawing is requiredRefer Drawing, I-SEMM-KUC-ID-CO3157.0Fossil Excavation Courtyard - Replicas of fossil remainsno.s1.00Dimension drawing is requiredRefer Drawing, I-SEMM-KUC-ID-CO3		Refer Presentation & Item Description		1.00	Jop	Reception digital wall	141.0
Image:		Refer Presentation & Item Description	reference image is required	1500.00	no.s	Library Wall Art Mural by Local Artist	143.0
Image:			dimensions	1.00	Job	360 degree Nature experience	147.0
LetterSunny to look into thisThe installation need to be custom developed for the museum in with a science and technology expert. The installation is inspired mercury thermometer. The back end information for the installat cost preduced digitally and displayed to the visitors through an appropriate to showcase the temperature.152.0Fossil Display Tableno.s1.00Section drawing is requiredRefer Drawing, I-SEMM-KUC-ID-C03153.0Suspended Light over Fossil Display Tableno.s1.00Section drawing is requiredRefer Drawing, I-SEMM-KUC-ID-C03157.0Fossil Excavation Courtyard - Replicas of fossil remainsno.s1.00Dimension drawing is requiredRefer Drawing Section	າ developed for			1.00	no.s	Wind Sculpture	148.0
Image: Substant in the section of the section drawing is requiredRefer Drawing, I-SEMM-KUC-ID-C03153.0Suspended Light over Fossil Display Tableno.s1.00Section drawing is requiredRefer Drawing, I-SEMM-KUC-ID-C03157.0Fossil Excavation Courtyard - Replicas of fossil remainsno.s1.00Dimension drawing is requiredRefer Drawing Section	co-ordination by a traditional on to be	The real time temperature needs to be displayed. It is not a readymade sol The installation need to be custom developed for the museum in co-ordina with a science and technology expert. The installation is inspired by a tradi mercury thermometer. The back end information for the installation to be captured digitally and displayed to the visitors through an appropriate fluic to showcase the temperature.	Sunny to look into this	1.00	no.s	Temperature Installation	149.0
Table       Table       Dimension drawing is required       Refer Drawing Section         157.0       Fossil Excavation Courtyard - Replicas of fossil remains       no.s       1.00       Dimension drawing is required       Refer Drawing Section		Refer Drawing, I-SEMM-KUC-ID-C03	Section drawing is required	1.00	no.s	Fossil Display Table	152.0
fossil remains		Refer Drawing, I-SEMM-KUC-ID-C03	Section drawing is required	1.00	no.s		153.0
158.0       Gujrat Region and Trade Map       no.s       1.00       Dimension drawing is required       Refer Drawing, I-SEMM-KUC-ID-C08		Refer Drawing Section	Dimension drawing is required	1.00	no.s		157.0
		Refer Drawing, I-SEMM-KUC-ID-C08	Dimension drawing is required	1.00	no.s	Gujrat Region and Trade Map	158.0
159.0       Evolution of Human Civilization Sensor       Job       1.00       Detail drawings are required       Refer Drawing, I-SEMM-KUC-ID-C08         wall		Refer Drawing, I-SEMM-KUC-ID-C08	Detail drawings are required	1.00	Job		159.0
160.0       Site models - Display: Dholavira, Lothal,       no.s       4.00       Detail drawings are required       Refer Drawing, I-SEMM-KUC-ID-C09         Surkotoda, Gola Dhora       Surkotoda, Gola Dhora       No.s       A.00       Detail drawings are required       Refer Drawing, I-SEMM-KUC-ID-C09		Refer Drawing, I-SEMM-KUC-ID-C09	Detail drawings are required	4.00	no.s		160.0
161.0     VR Experience- Base     no.s     3.00     Table detail drawing is required.     Refer Drawing, I-SEMM-KUC-ID-C09		Refer Drawing, I-SEMM-KUC-ID-C09	Table detail drawing is required.	3.00	no.s	VR Experience- Base	161.0
Instruction		Refer Drawing, I-SEMM-KUC-TD-01	Section drawing is required	180.00	sqm		163.0

		D- BL	ОСК		
164.0	Block Printing Cloth Hanging Artwork Panel Entry & Exit	no.s	2.00	Detail drawing is required	Refer Drawing, I-SEMM-KUC-TD-01
165.0	BLOCK PRINTING Artwork - panelling	Sqm	126.00	Detail drawing is required	Refer Drawing, I-SEMM-KUC-TD-04 & I-SEMM-KUC-TD-05
166.0	Kinetic Sculpture with wooden blocks , with Projection Top.	Jop	1.00	Detail drawing is required Sunny to look into it	Refer Drawing, I-SEMM-KUC-ID-D07(a), I-SEMM-KUC-ID-D07(b), I-SEMM-KUC-ID- D07(c)
	Free Standing Triangular Unit - 1	no.s	1.00	Detail drawing is required	Refer Drawing, I-SEMM-KUC-ID-D07(a), I-SEMM-KUC-ID-D07(b), I-SEMM-KUC-ID- D07©
	Free Standing Triangular Unit - 2	no.s	1.00	Detail drawing is required	Refer Drawing, I-SEMM-KUC-ID-D07(a), I-SEMM-KUC-ID-D07(b), I-SEMM-KUC-ID- D07©
167.0	Corten Steel wall panel	no.s	2.00	detail drawing is required	This is a standard detail. Please quote as per the specifications mentioned in the item. Refer other partition details for reference i.e I-SEMM-KUC-TD-04 & I-SEMM KUC-TD-05
168.0	Working Models Natural Disasters	no.s	1.00	Detail drawing is required	Refer Drawing I-SEMM-KUC-ID-D05(a),(b),(c), Models to be made on the basis of research guideline document that will be provided in coordination with specialized model maker.

	69.0 Free standing Corian Column - Floor         no.s         1.00           Mounted		Detail drawing is required	Refer Drawing I-SEMM-KUC-ID-D05(a),(b),(c),		
	Corian Seating	no.s	5.00	Detail drawing is required	Refer Drawing I-SEMM-KUC-ID-D05(a),(b),(c),	
	Immersive Interactive Experience- Tables	no.s	2.00	Detail drawing is required	Refer Drawing I-SEMM-KUC-ID-D06(a),(b),(c),(d),(e), (f), (g), (h)	

1.0	Simulator Experience	job	1.00	Autocad drawing is require for some dimensions which are not marked in the Layout and section	<ol> <li>AutoCAD drawings cannot be shared at the tender stage</li> <li>All the drawings are on scale which has been mentioned clearly on t drawing title. These drawing should be printed and measured for calculation purposes. Additionaly blockwise plans and sections with</li> </ol>				
		H- BL							
222.0	Optical Fibre Light Installation	no.s	10000.00	Detail drawing is required	Refer Presentation & Item Description				
221.0	Rogan Cloth Artwork Display	no.s	1.00	Detail drawing is required	Refer Drawing, I-SEMM-KUC-TD-01				
		F- BLO	ОСК						
				Total					
	Personal Stories Digital Experience Table - E(b) Gallery	no.s 1.00 no.s 1.00		Detail drawing is required	Refer Drawing, I-SEMM-KUC-ID-E02 + Refer Presentation & Item Descripti				
219.0	Interactive LED Display table for Personal Stories	no.s	1.00	Detail drawing is required	Refer Presentation & Item Description				
		no.s	1.00	Detail drawing is required	Refer Presentation & Item Description				
218.0	Personal Stories Objects and display Installation with Magnetic wall	no.s	200.00		Refer Presentation & Item Description				
205.0	Control Room Installation	sqm 20.0		Detail drawing is required	Refer Drawing, I-SEMM-KUC-ID-E01				
203.0	Vibration Table with Projection	no.s	1.00	Detail drawing is required	Refer Presentation & Item Description				
202.0	Ceiling Terracotta Installation	no.s	1.00	Detail drawing is required	Refer Presentation & Item Description				
198.0	Seismograph wall	job	1.00	Detail drawing is required	Please quote as per the specifications mentioned in the item. Refer other partition details for reference i.e I-SEMM-KUC-TD-04 & I-SEMM-KUC-TD-05				
197.0	Wall of Destruction	job	1.00	Detail drawing is required	Please quote as per the specifications mentioned in the item. Refer other partition details for reference i.e I-SEMM-KUC-TD-04 & I-SEMM-KUC-TD-05				
	Dark pathway Wall	job	1.00	Detail drawing is required	Please quote as per the specifications mentioned in the item. Refer other partition details for reference i.e. I-SEMM-KUC-TD-04 & I-SEMM-KUC-TD-05				
	Growing Together documentary: Weaved Theatre	no.s	1	Detail drawing is required	Refer Presentation & Item Description				
	Masonry Models and Display	no.s	1	Detail drawing is required	Models to be made on the basis of research guidline document that will be provided in coordination with specialized model maker.				
	Rebuilding and Rehabilitation of Gujarat	no.s	7.00	Detail drawing is required	Refer Drawing I-SEMM-KUC-ID-D09(a),(b),(c),(d),(e ), (f)				
181.0	Gesture based book Projection- Set Up	no.s	1.00	Detail drawing is required	Refer Drawing I-SEMM-KUC-ID-D08(a),(b),(c),				
179.0	Terrazo Seating	sqm	15.00	Detail drawing is required	Refer Drawing I-SEMM-KUC-ID-D08(a),(b),(c),				

			SMRITIVAN MEMORIAL MUSEUM INTE	RIOR E	XECUTIO	N BILL	OF QUANTITY - F	PART 1		_
			BILL OF QUANTITY_SEGME	NT B						
S No.	lt	em	Item Description	Unit	Quantity	Size	Rate	Amount	Notes / Remarks	comments
			SOFT CONTENT	1						
1.0	Reception Digital Wall		The reception video wall will include 2 types of contents 1. Film of duration 3-5 minutes introducing the museum theme and galleries that provides an overview of the history, process of development and realisation of the narrative and the overall intent of the museum. The film will have mixed media content including information graphics, illustrations, 2D animation/Motion Graphics/3D animation and models with live action shoot wherever required as per the theme and storyline of the film. The content should be supported by sound design and voiceover in 3-4 languages. The rate for photoshoot and video shoot of all work under the museum interiors to be included. 2. The screen will also have specific segments which will be touch enabled that will help the visitor to get to know details about the SEMM, Bhuj, GSDMA and other visitor related information like opening timings , suggestive routes, things in and around Smritivan memorial etc to be integrated in the application. The application will have approximately 10 pages for which wireframing, user interface design , front end and back end coding of the user interface will need to be developed as per the approval of the design consultant. Programming using HTML/Unity/Java or any other interactive programming language to be considered. Related detail content identification to be done by the vendor	job	1		Bound script do we have to prepare ? Models and Shoot locations do we have to provide and suggest			Refer to Reception in C Block in the reference presentation for details. Further development to be done by the vendor with approval of the GSDMA/design consultant.
2.0	Elliptical 360 Projection		Development of mixed media content (using 2D animation/Motion Graphics/3D animation and models with Live action shoot where ever required as according to script and storyline) of duration 5-8 minutes to be played in a loop. The content should be supported by sound design and voice over. The theme of the film is to convey the resilience of the world around us. No matter what change strikes, nature is able to rebuild and restructure. The sound will be exclusively produced like a chant based track, echoing slow music that rises and falls cyclically according to the changing lifecycles using Gujarati folk musical instruments. The visual style will be large sweeping panoramas of the changing landscape in a time-lapse style showcasing destruction and resurrection of nature. For example: 1.vast green plains drying and back to green. Mountain scapes losing snow and then becoming white again. 2.volcanic eruption then green mountain sides. 3.forest fire and re growth. 4.flooded plains and dry land with greenery sprouting etc. The footage may be created or procured from existing channels with appropriate copyrights.	job	1					Refer to C1 gallery in the reference presentation for details
3.0	Seismograph		A Realtime visual graph using 2D/3D animation to be programmed using the data of live seismic reading from sensors placed in the outdoor space on the museum campus and displayed in real time on the digital screen. The user interface for the screen has to be designed including the front and the back end development as per the approval of the design consultant	job	1					Refer to C2 gallery in the reference presentation for details
4.0	Globe Projection		The aim of the film is to depict and showcase the formation of earth, from Pangea and Gondwana to present- day earth and present-day Gujarat. The a/v to include 2D/3D animated content/information graphics/images/videos with appropriate editing and sound design. The duration of the film will be 6-8 minutes. The visual style will be projection on globe, geographical animations based on the movement of the earth and land masses. It will showcase meteorological depictions of the entire world and the landform of Gujarat with topographical elevation. The film will have the voiceover with music in 3-4 languages explaining the movement of land.	job	1					Refer to C3+C5 gallery in the reference presentation for details
5.0	Evolution of Humans		The aim of this AV interactive installation is to showcase the advent of the human civilisation on a digital wall in an interactive format. This exhibit will showcase 2D animated silhouette based walk cycle of human evolution in 1:1 scale with appropriate VFX, editing, colour correction etc. Total content length is 90 Seconds and should be responsive to the movement of the viewer walking along the projected surface.	job	1					Refer to CG gallery in the reference presentation for details
6.0	VR Early Civilization		3D reconstruction of 3 sites in game engines like Unity/Unreal. The VR interface should allow the user to choose the sites using gaze control. Each site will have minimum 10 interactive points with 60 seconds of walkthrough experience, that will reveal information in form of text/images/video about the importance of site. The content to take the users on a virtual tour of minimum 3 ancient sites like Dholavira, Lothal, Surkotada, Bagasra etc. The voice over/subtitles for the film will be done in 3-4 languages. The rate to include all site survey, 3D modelling, required photo/video shoots, rendering, vfx etc required for the complete experience of the virtual tours	job	1					Refer to C7 gallery in the reference presentation for details
7.0	Early Civilization Showcase		The projection in the background showcases large scale images of the excavated sites like Dholavira, Lothal etc. This will be mixed Media Content (Using 2D animation/Motion Graphics/3D animation and models with Live action shoot wherever required as according to script and storyline). The content should be supported by sound design and voice over of duration 3 - 4 Minutes. the budget to include cost of video shoot, photo shoot, site visit to respective chose site as per the approval of the Museum design consultant.	job	1					Refer to C7 gallery in the reference presentation for details

8.0	Audio Guides	VO with script in 3-4 languages primarily English, Hindi and Guajarati with post production and sound effects where ever necessary in synchronisation with the hardware of duration 90-120 minutes in each language. Voiceover by a celebrity artist in all languages with experience in films/ TV/ museum voiceovers, as approved by museum design consultant / GSDMA. This item includes studio cost and all the necessary coordination and shall include sound artist team having relevant experience. The VO to be exported in the format required for synchronisation in the audio guide anphone application owith respect to the museum narrative requirement	job	1	What is the bandwidth of the artist / celebrity we can use	The voiceover artist to be proposed should have past experience of working in TV/Film media in the respective language. The vendor will be expected to provide 2-3 options for VO in each of the 3 languages, the same will be approved by GSDMA/design consultant.
9.0	Gujarat And It's Topography	The AV focusses to explain the topographical landform of Gujarat with special focus on its vulnerabilities to environmental forces. Since the film is a mix media installation combining kinetic surfaces with projection the visuals will be graphical highlighting the various regions of Gujarat and the backdrop of the screen. The duration of the AV will be 6-8 minutes with VO in 3-4 languages. The film to include motion graphics, 2D/3D animation, information graphics, images, video content, illustrations, sketches that will be created or procured from archival content. The movement of the kinetic blocks also to be designed in synchronisation with the AV to create the design effect as per the approval of the Museum design consultant.	job	1	is this 3d mapping on kinetic surfaces	Refer to D1 gallery in the reference presentation for details. Yes the projection will be mapped on the kinetic surfaces.
10.0	Forces of nature time-lapse	Development of the GUI and AV content to be streamed on the interactive digital screens will include playing a time-lapse displaying the original form of the stone and the predicted form as per the analysis in the next 100 years when it is being constantly exposed to one of the 3 natural forces of vibration, water flow or wind using 3D /2D animation to achieve the look and feel of actual rocks. The time-lapse will be of minimum 60 seconds duration for 1 screen. The user should be able to interact with the exhibit through the digital screen where he will be able to go back and forth in time to see the condition of the rocks with respect to the year. It will include the back end programming and front end UI for the screen along with wireframing, screen development and required coding as per the approval of the Museum design consultant.	job	3		Refer to D2 gallery in the reference presentation for details
11.0	Science demonstration videos	The AV content will showcase the science behind the occurrence of volcano, droughts and famines of duration 2-3 minutes each through mix media content including 2D/3D animation, green screen shoot, motion graphics supported with voiceover In 3-4 languages and required sound design. The content should focus on the reasons for the occurrence of the respective phenomenon's supported with explanatory visualisations and audio.	job	1	Script wll be required	Content summary and film intent will be provided. The script needs to be developed by the vendor with approval from GSDMA/design consultant.
12.0	Responses Of Changing Environments	The AV will include immersive experiences of White Rann and Banni focusing on , adaptation of wildlife, Flora & Fauna to changing natural landscape emphasising on their resilience , examples of Ghudkhar, chinkara, caracal etc. This highly interactive exhibit's content will provide the visitor with options to change/add/remove elements from the projected environment and the audio visual as per the trigger will automatically depict the effect of the changes made by the distorted projected content will be mixed media Content using 2D animation/Motion Graphics/3D animation, illustration, models with live action shoot wherever required as according to theme and storyline. The visual language has to be derived from one of the Gujarat based handicrafts such as block printing etc as approved by the design consultant. Ambient soundscape suitable with the visual content to be developed. There will be minimum of 30 interaction options for the visitor including input from the 4 x 9" tablets and 10 sliders. The visuals will need to be defined accordingly. The projection will include a minimum of 2 major landscape settings including Banni grasslands and the rann.	job	1	Script wll be required content for the 10 sliders required	Refer to D4+D6 gallery in the reference presentation for details and reference video. The content summary for the same will be provided, the interface to be developed further by the vendor with approval of GSDMA/Design consultant.
13.0	Allah Band	The AV will represent the creation of Allah Bund and emphasise the recurrence of immense tectonic activity in the area. Since the projection is on an inclined horizontal surface the AV so developed should make the most of the screen designed to create visual effects to enhance the viewer's experience. the AV will contain mixed media content including 2D animation/Motion Graphics/3D animation and models with Live action shoot wherever required as according to script and storyline. The content should be supported by sound design and Voiceover in 3-4 languages of duration 3-5 minutes.	job	1		Refer to D8 gallery in the reference presentation for details
14.0	Formation of GSDMA Show	The 6 - 8 minutes show sets the context that led to the formation of GSDMA, the very moment the GSDMA was formed and what were the first actions taken by them to asses and address the situation at hand. The entire show will be a combination of play by light, projection of visual content on the table along and few mechanical installations like a flipping calendar etc. The AV should be developed as per the setting of a conference table where suitable personnel, officers and bureaucrats are assumed seated around the table on the physically present chairs and having a conversation about the inception, formation and immediate actions to be taken by the GSDMA. The visuals will include motion graphics, videos/images from archives, illustrations, 2D/3D animation etc in Full HD/appropriate resolution along with suitable sound design including dialogues and recordings from archives.	job	1	Script will be required	Refer to D10 gallery in the reference presentation for details. The content summary for the same will be provided, the interface to be developed further by the vendor with approval of GSDMA/Design consultant.
15.0	Interactive Book	The interactive projection enables the visitors to go through the key highlights of the GSDMA act and policy by a flipping gesture on a Corian model of a book with the help of sensors and projector. the content for the projection will include motion graphics, illustrations and images along with text designed for a book spread in Full HD resolution. The content will focus on the aim, mission and objectives of the GSDMA act and GSDMA policy 2002 in an abstract and visually appealing manner as per the approval of the design consultant. The rate to include layout and design of the user interface along with wireframing, interface development and required coding.	job	1		Refer to D10 gallery in the reference presentation for details
16.0	Floor Map Projection	The AV of duration 3-4 minutes showcases the growth and development of the state of Gujarat played in a loop. The projection on the floor showcases the time-lapse of the satellite images of the Gujarat state since 2001 (before Earthquake happened) to current time. The content projected should be in synchronisation with the outline map printed on the custom made vinyl flooring. The data will be a recreation of satellite imagery of Gujarat over a period of time wit an expected resolution is full HD along with 2D/3D animation, motion graphics, illustrations as per the design consultant approval	job	1		Refer to D12+D14 gallery in the reference presentation for details

17.0	Gujarat rehabilitation and reconstruction policy case stud	y The theme of the film is based on the study of the reconstruction and rehabilitation of large towns that were	job	1					Refe
		resurrected from the ground up, and also examine the present progress path. The AV will be a documentary	-						deta
		based film of duration for 6 -8 minutes in total including 4 specific locations of kutch with VO in 3-4							
		languages. The documentary's visuals will use before and after pictures of the areas mentioned, the							
		construction required, the effort involved, the time taken and the stakeholders involved amongst other							
		things. Apart from these 4 areas, 3-4 cities in Gujarat will also be covered showcasing their redevelopement							
		and success stories. Archival material including video footage, documents and photos to be used along with							
		fixed media content including 2D animation/Motion Graphics/3D animation and models with Live action							
		shoot wherever required as according to script and storyline.							
18.0	Interactive Door	These 20 short films will be made using Motion Graphics/Archival Footage/ image shoot/ video shoot with	job	1					Refe
		audio and sound design with voiceover in 3-4 languages of 1-2 minutes duration each to showcase the	-						deta
		success stories of different organisations/individuals/associations since the earthquake with interviews and							
		capturing their respective growth along all these years.							
									_
19.0	Living Room	Archival footage showcasing the parade at the Rajpath held on the republic day in 2001 on doordarshan or	job	1					
		any national channel or local Guajarati channel of duration 3-4 minutes edited with 2D animation of 30-60							
		seconds at the beginning and end such that the video can be played in a loop on a television screen on loop							
20.0	Chaos Room Projection	Green screen shoot, editing and processing of 3 audio visual clips of total 3 - 5 minutes duration with 1 actor	job	1			-	-	
20.0	chaos Room Projection	in local kutchi get up. The av will capture the emotions of distress, confusion, sorrow, trauma and pain that	Job	1					
		the people suffered within 24 hours of the earthquake. The footage needs to be treated as per the technical							
		requirement for the holographic projection system for best effect							
21.0	Chaos room audio spots	Audio files and voiceover in the local language with required sound design converted to suit the directional	job	1					
		speaker hardware of duration 6 - 8 minutes which will be played on loop. The content to be developed as							
		per the mood of the E1 + E2 exhibit depicting the aftermath of the earthquake with the sound like debris							
		falling, destruction happening to infrastructure, voices of people running creating a sense of chaos, fear and							
		pain. The output to be planned as per 7 directional speakers planned in the entire gallery with a sense of							
		continuity.							
21.0	Visual Content for Earthquake Destruction - 42" screen	Montage film of 2-3 minutes depicting the destruction caused after the 2001 earthquake with moving and	ich	8					_
21.0	Visual Content for Earthquake Destruction - 42 Screen		job	8					
		still images. The video will be made using archival images, documents and footages showing the conditions							
		immediately after the earthquake in Kutch, Gujarat and around the country. The rate to include required 2D animation, motion graphics, copy for subtitles, appropriate background music (if any).							
		animation, motion graphics, copy for subtrices, appropriate background music (if any).							
22.0	Chaos Room Seismic Table Projection	AV of duration 3-4 minutes using motion graphic, 2D/3D animation, imagery and video content supported	job	1					
		with voiceover In 3-4 language and supported with appropriate sound design explaining the scientific							
		understanding of the earthquake of 2001 explaining the fault lines that was activated, the epicentre of the							
		earthquake and similar content with the context of Kutch and Gujarat specifically. The motion of the							
		viberation table to be incorporated in to planning the soft content and make optimum use of the tactile							
		experience that will be created by the motor							
	D - D-t-sta		1.1.						
23.0	Bus Projection	Development of mixed media content including 2D animation/Motion Graphics/3D animation and models	job	1					
		with archival footages wherever required as according to script and storyline. The content should be							
		supported by sound design and voiceover in 3-4 languages. The content to be of 3-4 minutes duration							
		showcasing the immediate measure taken post the earthquake in context to Gujarat and Kutch specifically							
		like the buses being converted into ambulance due to the destruction of most of the hospitals etc.							
24.0	Hanging Walkie Talkies	Audio show with voice recordings and appropriate sound design depicting the scene of a control room set up	job	1	dur	ation of the show			<mark>4-6 n</mark>
24.0		to monitor to reports and updates post the earthquake informing the visitors about the destruction caused	J00	-					
		and the measures being taken simultaneously to improvise and control the situation across the state of							
		Gujarat. The show should be able to transcend the visitors into a scene of a control room and parallelly							
		inform the visitors about the sense of panic, confusion that was present immediately after the earthquake.							
		The content to be programmed as if different voices are emerging from suspended walkie talkies suspended							
		in the installation as per the approval of the design consultant. The content to be supported with voiceover							
		in 3-4 languages and appropriate sound design as per the theme and effect of the installation.							
25.0	Hologram (Room Corner)	Holographic projection of duration 4-5 minutes showcasing the scene of rescue operations carried out at	job	1	Scri	pt will be required			The
		Kutch with mix media content including 2D animation/Motion Graphics/3D animation and models with	2						the i
		archival footages wherever required as according to script and storyline. The content to include green screen							with
		shoot with minimum 2 actors to depict the rescue operation being carried out along with the struggles and							
		challenges faced by the victims as well as the volunteers. The content to be supported with voiceover in 3-4							
		languages and appropriate sound design as per the theme and effect of the installation.							
									_
		Mixed media content of 4-5 minutes duration played in loop including 2D/3D animation/motion graphics/	job	1					
26.0	Hymns/Bhajan Wall				1			1	
26.0	Hymns/Bhajan Wall	studio sound recording and site shoot of the local songs and hymns with the folk singers of the songs that							
26.0	Hymns/Bhajan Wall	were sung while the people were living in the temporary shelters after the earthquake. The content should							
26.0	Hymns/Bhajan Wall								

Refer to D15 gallery in the reference presentation for
details
Defecte D1C cellers in the reference accordation for
Refer to D16 gallery in the reference presentation for
details
4-6 minutes
The content summary for the same will be provided,
the interface to be developed further by the vendor
with approval of GSDMA/Design consultant.

27.0	Personal Interviews	Interview recording, editing and post production of minimum 100 people from at least 20 different locations who experienced the 2001 earthquake. With the ratio of 60% interiews conducted in kutch, covering all the taluka's of kutch district and 30% to cover all other district of gujrat and remaining 10% other states that experienced 2001 earthquake. In Each interview to be minimum 2-3 minutes with voiceover in 3-4 languages and appropriate sound design. The people interviewed to be delicately balanced across age groups, experiences, gender, locations and experiences inclduing govenment officails on official emergency duty during the earth quake as per the approval of GSDMA/ design consultant.	job	1		
28.0	Seismic Data of World	AV content showcasing the seismic activities that have been occurring across the globe since the past 100 years in time-lapse through mix media content including motion graphics, 2D/3D animation, illustrations supported with sound design and voice over In 3-4 languages of a total duration of 2-3 minutes. Appropriate rights to be taken if the data is being procurred from a third party.	job	1		
29.0	Seismic Data of World Live	Creating GUI for streaming live content to showcase the ongoing seismic activities worldwide. The rate to include development of user interface, front end and back end coding, identifying the data source and obtaining related permissions with the support of GSDMA. Appropriate rights to be taken if the data is being procurred from a third party.	job	1		
30.0	GSDMA Disaster Preparedness application - 1	GUI, coding and required programming for interactive content developed for 9" tablet screen on the basis of the workshops conducted by GSDMA for disaster risk management programme, school safety week, training and capacity building programmes including the screening of existing demo videos and jingles made by GSDMA. The application will have approximately 20 pages with multiple interaction points and solutions. The theme of the content to be focussed on educating the visitors about the activities and measure being undertaken by GSDMA for disaster preparedness. Provision of sending content / Jpeg to the visitors in real time to be considerd as a part of the application.	job	1	content for 20 pages will be required	
31.0	GSDMA Disaster Preparedness application - 2	GUI, coding and required programming for interactive content developed for 44" interactive screens with content developed on the basis of the 3 key programmes of GSDMA for risk mitigation and preparedness amongst the local community, Long term disaster preparedness, Hazard mitigation, comprising both structural and non-structural measures, and risk transfer. Disaster management capacity building through education, information sharing, hazard related research and training. The application will have approximately 20 pages with multiple interaction points and solutions. Provision of sending content / Jpeg to the visitors in real time to be considerd as a part of the application.	job	1	content for 20 pages will be required	
32.0	Social Wall application	UI design to host CMS updates with social media plugins like twitter/fb/Instagram to retrieve and upload the data to and from internet in real time. The application to include the feature of visitors being able to post an image of themselves and selected taglines form pre determined responses with the hashtag like 'today I learnt' on the museum's social media page. The rate to include the cost of all required hardware, integration, camera, programming, wireframing, front end and back end development etc for the smooth functioning of the application and achieving the desired experience as per the design. Appropriate permissions to be taken from the user for sharing content. Provision to click photograph and upload to be integreted	job	1		
33.0	Earthquake Simulator	Direction and creation of the show containing an AV Content of duration 8-10 minutes including 2D animation/Motion Graphics/3D animation/ live action shoot, green screen shoot wherever required as according to script and storyline. The content should be supported by appropriate sound design and voiceover in 3-4 languages. The content to be provided in format which is in synchronisation with the technical system being used for simulation and projection. The entire show to be able make the visitors relive the time when the earthquake took place in 2001 across the country with focus on Kutch and Gujarat. synchronised lighting, AV content and movement analysis and programming for the simulated surface to be developed required for the smooth functioning of the show with the desired effect as per the gallery design. The show to be curated such that the visitors are able to relieve the events of the earth quake, the show should make efficient use of all the equipement being considered for Block H simulator experience. The film should have drone shoots and animation of kutch and Gujarat to make the visitor feel as if he is flying/ riding to see the current parts of gujrat including the museum site / Statue of unity and other important developement that have happened after the earthquake, emphasising the properity of the state.	job	1		
34.0	Tsunami simulator	Mixed media content of duration 3-4 minutes showcasing a tsunami and the related effects using 2D animation/Motion Graphics/3D animation and models with live action shoot wherever required as per the storyline. The content should be supported with sound design and voiceover. The content to be provided in format which is in synchronisation with the technical system being used for simulation and projection	job	1		
35.0	Cyclone simulator	Mixed media content of duration 3-4 minutes showcasing a cyclone and the related effects using 2D animation/Motion Graphics/3D animation and models with live action shoot wherever required as per the storyline. The content should be supported with sound design and voiceover. The content to be provided in format which is in synchronisation with the technical system being used for simulation and projection	job	1		
36.0	Simulator Reception Film	AV content of duration 3-4 minuted to be played in loop providing an introduction to the Simulator experience made with 2D/3D animation with suitable music.	job	1		

The content summary for the same will be provided,
the interface to be developed further by the vendor
with approval of GSDMA/Design consultant.
The content summary for the same will be provided,
the interface to be developed further by the vendor with approval of GSDMA/Design consultant.

37.0	Auditorium film	A/V of duration 12-15 minutes showcasing the SEMM concept and design through shoots, images, 2D/3D	job	1	Script will be required		The content summary for the same will be p
		animation, illustrations etc with voiceover. The a/v cost to include the cost for drone shoot, video shoot and					the interface to be developed further by the
		another types of shoot and respective equipment's necessary to capture the project along with the interview					with approval of GSDMA/Design consultant.
		recording of all the stakeholders including the GSDMA director, memorial architect, museum design					
		consultants etc. The film to be visualised and developed as per the technical requirement for 3D projection.					
		The rate to include cost of special video shoot of the site as per requirement of 3D cinema / projection of the					
		complete SEMM Project and Bhuj.					
3.0	Development of 2D Graphics	Human resources required for development of worldclass 2D/3D graphics for printing on all surfaces	job	1			
		including glass, fabric, vinyl, concrete, MDF or any other tactile surface being used in the museum including					
		layout design, typography, test files, illustration development, visualisation, colour schemes and print ready					
		files for execution of a printed surface of approximately 2500 square meters. This will include graphics for					
		scenography, environmental graphics, information panels and all other purposes. Expert designers &					
		visualizers to be considered for graphical visualization using contemperory design language in sync with the					
		content theme of the museum. Rate inclusive of file sampling, editing and proof reading content in all 4					
9.0	Smritivan Website	Concept design, detail design and execution of Smritivan museum and memorial website with wire framing,	job	1			
		user interface design and development of a responsive website with an integrated e-commerce channel for					
		souvenir shop and ticketing. The website to be designed and developed in synchronisation with the design					
		language of the overall museum with minimum 20 pages. The website to be updated from time to time with					
		daily updates.					
		This web portal will also have an admin interface for back end monitoring and handling of the website.					
		Website shall act as a single window for users to access all the information and services offered by Smritivan					
		Earthquake Memorial & Musuem, Bhuj, Gujarat, India.					
		General Requirements					
		<ol> <li>The website should be scalable and should be developed with the facility of incorporating Ticket/Booking Management and resource planning.</li> </ol>					
		<ol> <li>The website should be responsive, web optimized i.e. should have good Yslow or pagerank ratings.</li> </ol>					
		<ol> <li>The website should be responsive, web optimized i.e. should have good vision of pagerank ratings.</li> <li>The website should shall adhere to "GoI – Framework &amp; Guidelines for website design and use of Social</li> </ol>					
		media for Government organizations" issued from Department of Electronics & Information Technology,					
		Ministry of Communications and Information Technology (MoCIT, Gol).					
		4. The website should be easy to manage and add content by a non-technical person from the admin					
		panel.					
		5. Website should be SEO enabled and can be easily optimized					
		6. Website should use an industry standard open source system to create a secure and robust platform					
		with backend CMS.					
		7. The frontend design of the website should be easy to navigate and should have international feel to its					
		overall design.					
		8. Trilingual (English, Hindi and Gujarati)					
		Front End:					
		Suggestive list of content					
		A. Home Page					
		a. Logo					
		<ul> <li>b. Secondary Menu – (Login / My Account / Sitemap/search / Language selection)</li> <li>Drivers Menu – (Abart Hall)</li> </ul>					
		<ul> <li>c. Primary Menu – ( About Us)</li> <li>d. Rotational Images (banners) - optional</li> </ul>					
		e. Welcome content					
		f. Body Content					
		g. News and Events					
		h. Testimonial Briefs					
		i. Footer menu					
		j. Message from PM/CM/CEO					
		k. Social Media Links					
		B. History					
		a. Smritivan Concept (content)					
		b. Smritivan Society (content)					
		c. Smritivan Governing Body (content)					
		d. GSDMA (content)					
		e. NDMA (content)					
		C. Gallery					
		a. Ongoing construction pictures					
		b. Completed components					
		c. Virtual Tour – 360 degree View					
		d. Key Visits of Famous Personalities					
		D. Visitor Testimonials and Pictures					
		E. FAQ (content)					
		F. Contact Details					
		a. How to reach ( Google Map )					
		b. About Bhuj c. Contact us (form will be there and an successful submission, query will be received an concerned email					
		c. Contact us (form will be there and on successful submission, query will be received on concerned email				1	

d) Desistand Licer Deses	
Registered User Pages	
. My Account	
B. Add Your Reviews with Pictures and Suggestion	
C. Complaint Management	
Admin Panel functions:	
A. Menu Management ( Primary , Secondary and footer )	
a. User can add, update and delete website content or link for top menu	1
B. Footer Section Management	
a. User can add, update and delete website content or link for footer	
b. Admin should be able to create new sections in the footer to add content – Predefined templates to be	
provided to create such sections.	
C. Slider Management – Admin should be able to add/remove new images with content to home page	
slider.	
D. News / Article Management:	
<ol> <li>Client able to add/update/delete news with below fields</li> </ol>	
Title	
Short descriptionImage	
ong description State DateE. Photo gallery Management:	
a. With help of this module, client will be able to add/update/delete new album for photo gallery. Fields	
for the album are stated below:	
Title Cover Photo of album	
Cover photo short description b. Client will be able to add/update/delete multiple photos in created	
album, Select album, Add Photo, Short description for photos F. Video gallery management	
a. With the help of this module, client will be able to add/update/delete embedded code for YouTube	
videos	
b. Fields will be as stated below:	
Title of the video	
Embedded code of YouTube	
Note: Video gallery will be created in YouTube and its embedded code will be added in the portal	
G. Sections Management –	
a. Admin should be able to add/remove new sections with Page titles and Page content.	
b. Content Management System – Website Administrator should be able to create pages through a	
standard Content management system and can publish content through it. There should be specific	
ayouts/templates for creating the pages. H. User Management	
a. Admin should be able to manage the registered users and activate / deactivate any user from the	
vebsite.	
b. Admin should be able to manage testimonials submitted by the user I. Testimonial Management	
a. Admin should be able to moderate the testimonials submitted by the users	
<ul> <li>Admin should be able to inductive the cestimonials submitted by the decision</li> <li>Admin should be able to publish/unpublish the selected testimonials (with or without pictures.). Also</li> </ul>	
admin should be able to select which picture to publish.	
and a second	1 1
b. Registered users can show interest to visit the event online.	
c. Admin should be able to see the list of interested visitors.	1 1
d. Event brief should be displayed on the homepage with a link to event page.	1 1
K. Forms Management and short codes	1 1
a. Admin should be able to create custom forms and assign a short code to that form. Which can be added	
to any custom page.	
b. Admin should be able to see the response of each form against the form shortcode and should be able	
to download the response in CSV format with custom form heads as columns and rows with data. 11. The	
pranding and visual language of the application to be in synchronisation with the visual language of the	
nuseum interiors. Wireframes and sample	

40.0	Smritivan Memorial and Museum phone application	Concept design, detail design and execution of Smritivan Memorial and Museum phone application design	job	1			
40.0	design both on iOS and android platform	both on iOS and android platform	100	1			
		The aim of the application is to do the following :					
		1. The application should serve as a mini guide to the over all museum. User should be able download it at					
		the museum or remotely through the play store/App Store for free. The size of the application should be					
		manageable for quick downloads.					
		2. It should serve as a platform where people can buy tickets for the permanent as well as the temporary					
		exhibition galleries (current and upcoming). The user should be able to know the current and upcoming					
		exhibitions 3. The user should also have an option to listen to all the 500 audio guide's audio points through					
		this application In 3 to 4 languages. The application should be designed to have provisions for catering to					
		upto 10 languages in the future.					
		4. The application must be designed in a way such that it helps thr user to navigate inside the museum. It					
		should have options of multiple tours like - tours to kids, tour to important galleries / installations for a quick					
		visit to the museum and full tour. The content to the tours will be altered as per the need to a kids tour/quick					
		tour and full tour. The content will be mainly audio but should have appropriate and enough navigation					
		graphics and photos of the current museum to make the user interface user friendly and aesthetically					
		pleasing.					
		5. The content of the kids tour and quick tour to be specially created with appropriate copywriting and					
		content creation and should be also transferable to the museum audio guide as well.					
		6. The application should also have an option of giving the building architectural and interior design tour on					
		important subjects. Must have minimum 20 audio points each to explain both the architectural and interiors					
		insights. It should explain the over all concept, material details, design details etc. The contractor is required					
		to understand these with architect and interior exhibition designer before designing it.					
		7. The contractor is required to have all audio's text also to be written in the application of the user who					
		don't wish to listed but read all the points.					
		8. The application should be well designed with interface and graphic design. Necessary approvals need to be					
		taken from GSDMA at wireframe stage, for user interaction Interaction, look and feel of the overall					
		application.					
		9. The account for iOS to be created in the name of GSDMA 10. The application to have an integrated admin					
		interface for ease of handling and managing the visual and contents for the website.					
		11. The branding and visual language of the application to be in synchronisation with the visual language of the museum interiors. Wireframes and sample					
					TOTAL	T	