DESIGN, SUPPLY, ERECTION, TESTING AND COMMISSIONING OF 3-D MAPPING BASED LIGHT & SOUND SHOW AT SURAT CASTLE

Notice No.: CEO / SSCDL / Heritage Cell / LSS / 01 /2021	
Initial date of uploading of tender documents	27.01.2021, up to 17:00 Hrs
Pre-Bid Meeting	Dt.04.02.2021, 11:00 AM at Meeting Hall, 1st Floor, A-4 Building, Surat Castle, Chowk, Surat.
Last date of uploading of online bids	11.02.2021, up to 18:00 Hrs
Submission of tenders in hard copy	On or before 22.02.2021, up to 18:00 Hrs

Surat SMART CITY

Invited by:
Surat Smart City Development Limited (SSCDL)
1st Floor, South (Udhna) Zone Office,
Surat Municipal Corporation,
Opp. Satya Nagar, Udhna,
Surat. 394210

INDEX

Name of Work: Design, Supply, Erection, Testing & Commissioning of 3-D Mapping Based Light & Sound Show at Surat Castle

Sr.No.	Description	Pg.No.
1	Notice inviting tenders	3
2	Instructions to the bidders	4
3	Qualification criteria and evaluation process	8
4	Payment terms	13
5	GST Clause	14
6	Affidavit, Declaration, Assurance, Power of Attorney	15
7	Instructions to tenderers	20
8	Location and history	29
9	Bill of material for DSITC work	30
10	Detailed scope of work for DSITC	37
11	Detailed scope of work for comprehensive O&M	39
12	Penalty Criteria	41
13	Memorandum	42
	Total pages	42

Surat Smart City Development Limited (SSCDL)
1st Floor, South Zone Office,
Surat Municipal Corporation,
Opp. Satyanagar, Udhna, Surat-394210.

Bid for appointment of agency for Design, Supply, Erection, Testing & Commissioning of 3-D Mapping Based Light & Sound Show at Surat Castle

[Notice No.: CEO/SSCDL/Heritage Cell/LSS/01/2021]

Bids for appointment of agency for Design, Supply, Erection, Testing & Commissioning of 3-D Mapping Based Light & Sound Show at Surat Castle are invited by Surat Smart City Development Ltd (SSCDL) online on https://smc.nprocure.com from the bidders meeting the basic eligibility criteria as stated in bid documents.

Bid Fee (Non refundable)	:	Rs.20,160/- (Rs.18,000/- + 12%GST), through DD or banker's cheque only
EMD	:	Rs.12,00,000/-, through DD or banker's cheque only
Initial date of uploading of tenders online	:	Dt.27.01.2021, up to 17:00 Hrs
Pre-Bid Meeting	:	Dt.04.02.2021, 11:00 AM at Conference Room, 1st Floor, A-4 Building, Surat Castle, Chowk, Surat.
Online queries	:	N.A.
Online Bid End Date (Last Date of Online Submission of Bids with all necessary documents in soft copy)	:	To be submitted online only on https://smc.nprocure.com on or before Dt.11.02.2021 up to 18:00 hrs.
Submission (in Hard Copy) of Bid Fee, EMD etc.	:	In sealed envelope strictly by RPAD/Postal Speed Post on or before 22/02/2021 up to 18:00 hrs. to the Chief Accountant, Accounts Department, Surat Municipal Corporation, Muglisara, Surat – 395003
Availability of tender documents	:	http://www.suratsmartcity.com https://smc.nprocure.com

The right to accept/reject any or all bid(s) received is reserved without assigning any reason thereof.

--s/d--
CEO
Surat Smart City Development Ltd

(2) INSTRUCTIONS TO THE BIDDER

2.1. Availing Bid Documents
Blank bid documents can be downloaded from the web site https://smc.nprocure.com up to the date and time mentioned in the Online Bid Invitation Notice **CEO/SSCDL/Heritage Cell/LSS/01/2021**.

2.2. Addenda & Corrigenda
If required, the Addenda and Corrigenda will be issued and the same will form the part of the original bid documents and shall override any contradicting effects in the original bid document.

2.3. Submission of Price Bid and Technical BID
The price bid and the technical bid containing all the relevant supporting documents must be submitted online only on https://smc.nprocure.com on or before the last date of submission of the bid. No documents except the Bid Fee, EMD, Affidavit or declaration as directed in tender documents to be accepted in hardcopy. It is advised to keep the softcopy of the relevant documents ready and upload the same in advance on https://smc.nprocure.com with respect to this tender to avoid issues if any.

All the relevant softcopy should invariably follow the (n)Code portal's specific requirements pertaining to file types, file size, file name length, etc.

- **File Types** : Files with only .pdf, .doc, .txt, .xls, .ppt, .pps, .png, .gif, .jpg, .zip, .rar extension can be uploaded.
- **File name** : It should not be more than70 characters. Special Characters Like ('% @ < >: *? | & ~ ^) are not permitted.
- **File size** : Single file size should not be more than 3 MB. The bid document (duly signed and stamped) in hard copy shall be submitted by the successful bidder upon intimation from SSCDL/SMC.

The bid document (duly signed and stamped) in hard copy shall be submitted by the successful bidder upon intimation from SSCDL/SMC.

2.4. Pre-bid Queries / Pre-bid Meeting
A prospective Bidder requiring any clarification on the TENDER Document must have to participate on his own expense in pre-bid meeting scheduled as mentioned under head of "tender notice" elsewhere in tender documents. Please note that no online/physical query shall be entertained.

2.5. Bid Fee & Earnest Money Deposit (EMD)
The bidder should pay **non-refundable Bid Fee of Rs. 20,160/- (Rs. 18,000/- + 12% GST)** and **EMD of Rs. 12,00,000/-** each by separate Demand Draft or Banker's Cheque of any scheduled/nationalized bank payable at Surat in favour of Surat Smart City Development Limited. Failure to submit Bid Fee, EMD as required shall lead to the bid being rejected summarily.

2.6. The bid should be filled in legibly, clearly indicating the figures and its value in words too.

2.7. Online Submission of the Technical Bid:
The bidder will be required to upload the duly signed, stamped and notarized colour scanned copy of below mentioned documents in the same order of sequence online on smc.nprocure.com during e-tendering process.

Please note than following list is purely indicative. Bidders are at independence to add more relevant documents for realization of each category mentioned below or as in Pre Qualification, Technical Qualification, Financial Qualification and scope of work elsewhere in tender documents:

Sr.	Documents to be submitted	For criteria
1.	Work orders, Completion Certificate and/or certified measurement sheets / certified BOQ	1. Experience of firm in the field measured in years 2. Similar work experience / similar work completed 3. Work experience of operation and maintenance 4. Experience of content/film making
2.	Certificate from auditor / charted accountant showing average annual financial turnover of the firm for at least last three financial years	Average Annual Financial turn over
3.	Solvency certificate from approved bank	For solvency capacity
4.	PAN card copy	PAN registration
5.	GST registration certificate	GST registration
6.	Profile of the company with main personnel and contact numbers / email etc.	Overview of the bidder
7.	Valid electrical contractor's license or MOU with a contractor with valid electrical contractor's license	To carry out electrical works
8.	Firm's registration showing nature of the work	Establishment of the firm
9.	List and details of the key persons as asked in tender (including their certified experience, projects undertaken, ID proofs, photographs etc.)	Requirement of key persons for proposed project
10.	Scan copy of EMD	Earnest money deposit
11.	Scan copy of tender fee	Tender fee
12.	Soft copy of Signed and stamped (on each page) tender documents of this technical bid with addenda if any	
13.	Affidavit as per format & instructions	Affidavit
14.	Power of attorney in favor of person filling the tender as per format and instructions	Authorization of power for participation
15.	Authorization and technical support assurance from vendors as per format and instructions	Technical support assurance
16.	Declaration and assurance	Declaration from contractor

2.8. Demand Draft for E.M.D. & Tender (Bid) fee shall be submitted in electronic format through online mode (by scanning) while uploading the bid. This submission shall mean that E.M.D. & tender fee are received for purpose of opening of the bid. Accordingly offer of those shall be opened whose E.M.D. & tender (bid) fee is received electronically. However, for the purpose of realization of D.D. bidder shall send the D.D. in original through RPAD / Speed post as per Clasue-2.11 below so as to reach to Chief Accountant, SMC as per schedule from the last date of online submission of the bid as per tender notice. Penalty based actions for not submitting D.D. in original to shall be initiated and action shall be taken for abeyance of registration and cancellation of E-tendering code of the bidder for one year. Any documents in supporting of bid shall be in electronic format only through online (by scanning) & hard copy will not be accepted separately.

2.9. All documents must be coloured scanned to be seen as original. Scanning in black and white or grey shall not be acceptable.

2.10. All documents must be notarized with clearly-displaying stamp, number and name of the notary.

2.11. Sealing, marking and submission of the Bid Fee, EMD: Following documents shall only be submitted in Hard Copy to Surat Smart City Development Limited/SMC by the bidder:

2.11.1 Earnest Money Deposit (EMD)

2.11.2 Bid Fee

2.11.3 Affidavit / Declaration / any other document mentioned in tender documents

EMD/Bid fee and documents as above shall be sealed in a cover and submitted to **The Chief Accountant, Accounts Department, Surat Municipal Corporation, Muglisara, Surat. 395003. Gujarat. India** through Government Postal Speed Post or Registered Post A.D. only. Submission through any other mode (Physical, Courier etc.) is not allowed. Moreover, SMC / SSCDL shall not be responsible for any postal delay.

Following information must be furnished / written on sealed cover:

1. Tender Notice: CEO/SSCDL/Heritage Cell/LSS/01/2021.
2. Name of the work: Design, Supply, Erection, Testing & Commissioning of 3-D Mapping Based Light & Sound Show at Surat Castle
3. Last date of submission: Dt. 22.02.2021
4. Name of the bidding agency: --As actual--

Technical Bid, Price Bid and every other document asked in tender must be submitted online on www.smc.nprocure.com only.

2.12. The bidder will be bound by the details furnished to SSCDL/SMC, while submitting the bid or at subsequent stage. In case, any of such documents furnished by the bidder is found to be false at any stage, it would be deemed to be a breach of terms of contract making him/her liable to legal action besides termination of contract.

2.13. Late Bids: Bids not reaching on or before the specified time limit will not be accepted.

2.14. Conditional Bids:

All the terms and conditions mentioned herein must be strictly adhered to by all bidders. Conditional tenders shall not be accepted on any ground and shall be subject to rejection without assigning any reason.

2.15. Withdrawal of Bids:

Bid once filled in, submitted shall not be allowed to be withdrawn till the validity of the bid remains in force or else the EMD shall be liable for forfeiture.

2.16. Period of Validity :

The offer shall be valid for acceptance for a minimum period of 120 days from the date of opening of the Price Bid. If required, SSCDL/SMC may request the bidder to have it extended for a further period.

2.17.Language of Bids:

The bids prepared by the bidder shall be in the English language. The supporting documents in language other than English/Hindi/Gujarati must have its English translation (which is to be duly attested by the bidder), for purposes of interpretation of the bid, the English translation shall govern.

2.18. Right to Accept or Reject Any Bid or All Bids:

SSCDL/SMC reserves the right to accept or reject any bid and annul the bidding process and reject all bids at any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the ground for SSCDL/SMC's action.

2.19. Firm Prices & Bid Currency :

Prices quoted must be firm and final and shall not be subject to any upward modifications, on any account whatsoever. Prices shall be expressed in Indian Rupees (INR) only.

2.20. Costs to be Borne by Bidder:

All costs and expenses (whether in terms of time or money) incurred by the bidder in any way associated with the development, preparation and submission of the bid, including but not limited to attendance at meetings, discussions, demonstrations, etc. and providing any additional information required by SSCDL/SMC, will be borne entirely and exclusively by the bidder.

2.21. Acceptance of Terms & Conditions:

The bidder will, by taking participation in the bidding process and submitting the bid documents, be deemed to have thoroughly read, studied and understood the bid documents including scope of work, the terms and conditions, instructions, etc. referred there in and the same are acceptable to the bidder.

2.22. All entries in the bid form should be legible and filled clearly. If the space for furnishing information is insufficient, a separate sheet duly signed by the authorized signatory may be attached.

2.23. It is to be ensured that the complete information as required by this office may be furnished by the bidders in the prescribed format. Formats submitted with incomplete information and not conforming to the requirements are liable to be rejected.

2.24. The agency will be bound by the details furnished by him/her to SSCDL/SMC, while submitting the bid or at subsequent stage. In case, any of such documents furnished by the agency is found to be false at any stage, it would be deemed to be a breach of terms of contract making him/her liable to legal action besides termination of contract.

2.25. The participation in the online tendering process implies that the bidder have thoroughly read, studied and understood the instructions of the Bid documents, Scope of work, formats as well as the terms and conditions referred there in and the same are acceptable to the bidder.

2.26. Authorized Signatory:

For the purpose of submission of the bid, the bidder may be represented by either the Principal Officer (Owner/MD/Director/Company Secretary) or his duly Authorized Representative, in which case he/she shall submit a certificate of authority along with the technical bid. All certificates and documents (including any clarifications sought and any subsequent correspondences) received hereby, shall, as far as possible, be furnished and signed by the authorized representative or the principal officer.

2.27. Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If the supplier does not accept the correction of the errors, its bid will be rejected. If there is a discrepancy between words and figures, the amount in words will prevail.

2.28. Disqualifications: A Bidder shall be disqualified and Bids will not be considered if

a) Hardcopy envelop does not show on it the reference of bid number and description as denoted and thus gets opened before due date(s) of opening specified in Notice Inviting Bids.

b) The Price Bid and Technical Bid is submitted physically which leads to revelation of prices before the due date of opening of the Price Bid.

c) The Earnest Money Deposit (EMD) & Bid fee is not deposited in the manner specified above Clause 2.11.

d) The Bid documents are not in a language as per Clause 2.17.

e) The Bid documents are not signed affixing stamp by the authorized signatory.

f) The Bid documents submitted are incomplete and/or ambiguous in any respect.

g) Non-compliance of provisions and requirements of the Bid documents.

h) Any or all correction(s) or pasted slip(s) is/are not initialled, authenticated by the Bidder.

i) The Bid documents are not submitted in the manner specified in the bid document.

j) Eligibility criteria are not met with.

k) Any form of canvassing/lobbying/influence/query regarding short listing, status, etc. will result in a disqualification.

--s/d--

Executive Engineer (Heritage Cell, SMC) &
Deputy General Manager (SSCDL)

Seal & Signature of the bidder

(3) QUALIFICATION CRITERIA AND EVALUATION PROCESS

The applicant, who is not capable of meeting the requirements listed below, shall not be qualified for further process. Qualification shall be based on the Applicant satisfying all of the following minimum criteria regarding their particular experience, financial position, personnel and equipment capabilities and other relevant information as demonstrated by the applicant's responses in the statements. The qualifications, capacity and resources of proposed sub-contractors shall not be taken into account in determining the applicant's compliance with the qualifying criteria.

Stage 1: Pre Qualification Criteria: (Minimum eligible criteria required to qualify for Stage 2)

a) The contractor / bidder shall have an active experience during last 7 years.

b) Average Annual Financial Turnover during the last 03 financial years shall be at least Rs. 3 Crore. A separate certificate from concern charted accountant shall be submitted. Income Tax return forms shall not be considered.

c) The Contractor / Bidder shall have to submit a solvency certificate issued by any nationalized or Private Bank listed elsewhere in tender documents, amounting minimum Rs.2,00,00,000/-. Moreover, Solvency certificate must not be older than six months from the last date of submission of tender in hard copy.

d) Experience of having successfully completed similar works during the last 07 years, ending on the last day of the month previous to the one (from 01.01.2014 to 31.12.2020), in which applications are invited, shall be either of the following:

i. 03 similar completed work costing not less than the amount equal to Rs.4 Crore

OR

ii. 02 similar completed work costing not less than the amount equal to Rs.5 Crore

OR

iii. 01 similar completed work costing not less than the amount equal to Rs.8 Crore

Similar work shall mean:

Essential work experience: Design and/or Supply, Installation, Testing & Commissioning of indoor/outdoor, permanent type theme based 3-D projection mapping based light and sound show at historical or ancient places / castle / fort/ religious place / place of national importance/ tourist places of government / semi government / PSUs.

Desirable work experience: Mounting the theme based Sound and Light (SEL) /Multimedia Shows /holographic projection / creative lighting show using intelligent software / Mounting the theme based Laser Shows/ Water Screen Projection show / Documentary films / TV Serials based on storyline.

NOTE: 1. Work order and work completion certificate both shall be issued from end user and not by the person below the rank of Executive Engineer.

2. In case of certificates containing more than one type of works, bifurcation of different / similar work shall be submitted. Bifurcation may be in form of measurement sheets or a separate certificate issued by end user only.

3. While evaluation of stage-I, work done amount of Design / SITC work shall only be considered.

4. Work done amount of both essential work experience and desirable work experience shall be considered for evaluation, but bidder must be possessing essential work experience in at least one project.

e) Following enhancement factors will be used for the cost of works executed and financial figures to common base for the value of the works completed in India

Financial Year	**Multiplying factor applicable only for D/SITC work**
2019-20	1.10
2018-19	1.21
2017-18	1.33
2016-17	1.46
2015-16	1.61
2014-15	1.77
2013-14	1.95

f) The contractor shall have a valid PAN& GST registration

g) Any other documents/certificates mentioned elsewhere in proposed tender

h) Experience as **Joint Venture / Sub-contractor** shall not be considered. Further, no joint venture shall be eligible for proposed work.

i) Bidder shall have a valid electrical contractor's license. Bidders not having an electrical contractor's license may submit an M.O.U. on a non-judicial stamp paper of Rs.300/- with any approved electrical contractor having valid electrical contractor's license.

j) Even though the bidder meets the above criteria, they are subject to be disqualified if they have

i) Made misleading or false presentations in the forms, statements and attachments submitted in proof of the qualification requirements; and / or

ii) During verification if it is found from client that of poor performance such as abandoning the works, litigation history, or financial failure or abnormal delay in work etc.

iii) Regarding Litigation in case where Bidder is involved in illegal practice like any activities of corruption, coercive practice or debarred/blacklisted in last 10 years by Any Govt / Organization in respect of performance of Bidder, it is to state that SMC authority requires that bidders under this contract, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this, SMC authority.

a. Will reject a proposal for award if it determines that the bidder has engaged in any corrupt or fraudulent practices in competing for this contract or in past history and

b. Will reject a proposal if it found debarred/blacklisted by any State Govt. /Govt. of India/ Semi Government/ PSU.

The bidder shall not be under any Insolvency Bankruptcy code (IBC) resolution process at National Company Law Tribunal (NCLT) or undergone any Corporate Debt Restructuring (CDR) mode in the past 10 years in India from the date of the submission of the bid.

Stage 2: Technical Qualification Criteria

Bidders qualifying in Stage-I shall be taken in to consideration for Stage-II. However, EMD of disqualified bidders shall be released only after all evaluations are over. Following is the criteria for technical experience of the bidders:

Sr.	Parameter	Score
A	Establishment of the firm in years	**Max. score : 5**
	(a.1) 7 to 10 (a.2) >10 to 15 (a.3) > 15	01 03 05
B	Years of experience in similar work i.e. essential and/or desirable works	**Max. score : 7**
	(b.1) 5 or less (b.2) >5 up to 8 (b.3) > 8	03 05 07
C	Average annual turnover of the participating firm in last three financial years	**Max. score : 5**
	(c.1) 3 to 5 Cr INR (c.2) >5 to <=8 Cr INR (c.3) > 8 Cr INR	01 03 05
D	Number of similar works completed, i.e. D/SITC of permanent 3-D Projection mapping based light and sound show	**Max. score : 7**
	(d.1) 1 to 3 similar works (d.2) >3 <= 5 (d.3) > 5	03 05 07
E	Completed at least one year of operation and maintenance work of permanent 3-D projection mapping based light and sound show (measured in number of works/projects)	**Max. score : 7**
	(e.1) 1 to 3 (e.2) >3 <= 5 (e.3) >5	03 05 07
F	Experience of content / film making for similar and /or other type of works (No of projects completed)	**Max. score : 7**
	(f.1) <=3 (f.2) > 3	03 07
G	Work experience for conventional Sound and Light (SEL) /Multimedia Shows /holographic projection / creative lighting show using intelligent software / Mounting the theme based Laser Shows/ Water Screen Projection show / Documentary films / TV Serials based on storyline	**Max. score : 7**
	(i.1) 1 to 3 projects (i.2) >3<=5 projects (i.3)>5 projects	03 05 07
H	Key Persons	**Max. score : 25**
	As per table and conditions drafted immediately	
	Maximum marks a bidder can score in these parameters	**70**

Table for requirement under parameter: (J) Key Persons

Sr.	Designation	Experience in Years	Marks	Role	Desirable Experience
1	Team Leader / Project Manager	>7 ≤7≤4 <4	3 2 1	Coordinate the inputs of his Project Team towards successful delivery of the Project. Participate in discussions with the Client on regular basis. Communicate the progress and constraints, if any, to the Client for resolution of issues. Ensure timely delivery of the deliverables under this Project.	Should have lead the team in at least one such eligible Assignment
2	Historian	>7 ≤7≤4 <4	5 3 2	Carrying out research of the history for proposed project. To prepare details about history with proven facts and proofs.	Should have lead the team in at least one such eligible Assignment
3	Light & Sound Specialist	>7 ≤7≤4 <4	3 2 1	Technical Design of the Project. Responsible for firming up the Technical Specifications & Cost Responsible for Installation and Commissioning of the system	Should have undertaken at least one similar work
4	Projection mapping specialist	>7 ≤7≤4 <4	4 2 1	Should have completed knowledge of design and execution of 3D Projection Mapping along with related certificate of past experience should be attached	Should have undertaken at least one similar work
5	Creative Director	>7 ≤7≤4 <4	4 2 1	Responsible for content creation of the project in accordance with discussion and approval of the client	Should have undertaken at least one similar work
6	Music Specialist	>7 ≤7≤4 <4	3 2 1	Should have complete knowledge of music along with related certificate of past experience should be attached	Should have undertaken at least one similar work
7	Voice Over Specialist	>7 ≤7≤4 <4	3 2 1	Should have complete knowledge or famous along with related certificate of past experience should be attached	Should have undertaken at least one similar work

Availability of Key Personnel: The bidder shall ensure that consent letter from the key personnel who are being outsourced by the bidder shall be enclosed in the technical proposal. The bidder shall offer and make available all Key Personnel meeting the requirements of the project. Before deploying any Key Personnel, the bidder shall ensure that each Key Personnel is employed and/ or otherwise deployed for proposed work strictly in compliance with the applicable laws including the rules, regulations etc. of the concerned professional bodies regulating the professions of the Key Personnel in India. The bidder shall not deploy any Key Personnel in violation of the applicable laws. Further, no changes in the name of the key persons shall be entertained once work order is placed. If such a situation occurs, bidder shall have to request SMC/SSCDL in written with valid reasons. SMC/SSCDL may allow the change of key person(s) after examining the reason and situation. However, such replacement must not be allowed for more than 2 categories. Breaching of this condition may lead to respective bidder/contractor to penalty & discipline based actions up to black listing of the firm and forfeit of EMD / SD amount.

NOTE: Only those bidders scoring minimum of 60% marks (i.e. min 42) in stage -2 will be eligible for stage-3.

Stage 3 – Presentation of proposed work:

A "concept presentation" shall be arranged at any convenient place of the client. Proposed team leader of the bidder shall have to remain present at scheduled date and time at his own expense and have to give presentation in front of the panel of experts / committee. Each of the shortlisted bidders will be given a slot of maximum 10 minutes for presentation and 05 minutes for discussions. Following is the marking scheme for the presentation.

Sr.	Parameter	Score
I.	Conceptual presentation by the bidder	**Max. Score : 30**
	(i.1) Understanding of the project (i.2) Conceptualization of entire show (s) (i.3) Implementation strategy (i.4) Innovative ideas for the project (i.5) Voice over celebrity	05 05 05 05 05

NOTE: Stage-2 and Stage-3 collectively contain maximum 100 marks. Price bids of those bidders who score 70 or more marks collectively shall be opened.

Stage 4 –Evaluation of Financial proposal

The lowest financial proposal will be given a financial score (Fs) of 30 points. The financial scores of other proposals will be computed as follows:

Fs = 30 x FM1/F1

F1 = Amount of Financial proposal as quoted by the bidder; FM1 = Lowest financial quote

Stage 5 – Combined & Final Evaluation:

Combined score shall be calculated based on Technical & Financial scores of the bidder. Proposals will finally be ranked according to their combined score (S) calculated based on technical (Ts) and financial (Fs) scores.

S = Ts x Tw + Fs x Fw

(Where Tw and Fw are weights assigned to Technical proposal and financial proposal as 0.70 and 0.30 respectively.)

--s/d--

Executive Engineer (Heritage Cell, SMC) &
Deputy General Manager (SSCDL)

Seal & Signature of the bidder

(4) PAYMENT TERMS AND TIME FRAMES

(A) PAYMENT TERMS FOR DSITC WORK:

Stage	Description	% Payment proposed	Timeline
1	After submission by contractor and approval by SMC for following : Detailed technical specifications, BOQ, planning, drawings etc.	5%	15 days from the date of work order
2	On completion of script, storyboard, voice over, music and final recording of the entire show.	5%	30 days after approval of activities as Sr. no.1
3	After completion of civil works related to viewer's gallery / control room / supplying and laying of cables / lighting equipment and hardware.	40%	within 30 days after completion of activities of Sr.no.1
4	After system integration and soft commissioning trial.	20%	On completion of work with all manner
5	On completion of entire tender specified work as per the tender specification and drawings submitted by the contractor.	20%	After 30 days of Stage-4
6	On successful completion of defect liability period.	5%	
7	On successful completion of one year after defect liability period (1+1)	5%	

Supply part shall be accounted as 80% and ETC part shall be considered as 20%

1% of bill amount shall be deducted as labor/construction cell

2% of bill amount shall be kept as SD and shall be released in final bill

5% of each running bill amount shall be kept as retention and shall be paid in final bill.

(B) PAYMENT TERMS FOR OPERATION AND MAINTENANCE WORK:

Payment shall be made on quarterly basis.

95 % of the bill amount shall be paid as running bill. Remaining

5 % of each running bill amount shall be kept as retention and paid in final bill.

2% of the bill amount shall be kept as SD and this also shall be released in final bill.

1% of bill amount shall be deducted as labor/construction cess.

NOTES:

(1) Quoted capital work shall inclusive of all taxes/GST. Any type of tax, levies, duties, other expenses shall be borne by contractor. No extra payment shall be made apart than quoted rates. Decision of accounts department of SMC for any kind of levy from contractor's bill shall be final and binding to contractor.

(2) If applicable, GST for O&M work shall be paid extra as actual. GST shall be paid to contractor on producing required documents as asked by SMC.

(3) Please note that all the payment shall be made according to prevailing rules of Surat Municipal Corporation as well as Center/State government. If any changes in rules occur during the contract period, then it shall be binding both to SMC as well as contractor.

(4) Payment shall be made as per actual work done. Deduction from running bills shall also be as per prevailing norms and conditions of SMC.

(5) As per rules, first running bill shall be sent for pre-audit to audit department.

--s/d--

Executive Engineer (Heritage Cell, SMC) &
Deputy General Manager (SSCDL)

Seal & Signature of the bidder

(5) GST CLAUSE

FOR CONSTRUCTION / ERECTION / COMMISSIONING / INSTALLATION / REPAIRS MAINTENANCE / RENOVATION / FABRICATION OF STRUCTURE INCLUDING BUILDING (MEANS ALL WORKS CONTRACT / TURN KEY PROJECT / SUPPLY OF MATERIAL / GOODS)

1. GST (GOODS & SERVICE TAX) has come in existence from 1st July, 2017. Contractor / Successful Bidder are bound to pay any amount of GST prescribed by the Govt. of India as per the Terms of Contract agreed upon during the course of execution of this Contract. However all the quoted rates must be inclusive of GST.
2. During the course of execution of Contract, if there is any change in rate of GST (Goods & Service Tax) by the Government the same shall be reimbursed / recovered separately by SMC/SSCDL, subject to the submission of original Receipt / Proof for the amount actually remitted by the successful Tenderers/ Contractor to the competent Authority along with a certificate from chartered Accountant of Contractor/ Successful Bidder certifying that the amount of GST paid to the Government and the same shall be intimated /submitted / claimed within 30(Thirty) Days from the date of payment Remittance of GST within stipulated period shall be the sole responsibility of the Successful Bidder /Contractor ,failing which, SMC/SSCDL may recover the amount due, from any other payable dues with SMC and decision of Municipal commissioner shall be final and binding on the Contractor / Successful Bidder in this regard. Further the non-payment of the GST to the Government may lead to the termination of contract and forfeiture of Security Deposit /Performance Guarantee Amount.
3. If any other new taxes / Duties /Levies / Cess or any other incidentals etc. or any increase in the existing taxes / Duties /Levies / Cess or any other incidentals etc. (Excluding GST) are imposed during the course of the contract, the same shall be borne by contractor / successful Bidder only, in no case SMC/SSCDL shall be liable for the same.
4. The Contractor will submit the invoice to the SMC having GSTIN of SMC mentioned therein and the taxes shall be shown separately on the face of the invoice so as to claim as ITC by SMC.

--s/d--

Executive Engineer (Heritage Cell, SMC) &
Deputy General Manager (SSCDL)

Seal & Signature of the bidder

(6) AFFIDAVIT, DECLARATION, ASSURANCE

(6.1) AFFIDAVIT* (SUBMIT ONLINE AND SEND A HARD COPY ALSO)

Name of Work: DESIGN, SUPPLY, ERECTION, TESTING AND COMMISSIONING OF 3-D MAPPING BASED LIGHT AND SOUND SHOW AT SURAT CASTLE

- I, the undersigned, do, hereby, certify that all the statements made in the required attachments are true and correct. I also understand that in case of wrongful/false information, SMC / SSCDL is entitled to take any civil & criminal punitive actions against me / us.
- The undersigned also, hereby, certifies that neither our firm M/s. _____ nor any of its constituent partners have abandoned any work in India nor any contract awarded to us has been rescinded during last five years, prior to the date of this bid.
- The undersigned, hereby, authorize(s) and request(s) any bank, person, authorities, government or public limited institutions, firm or corporation to furnish pertinent information deemed necessary and requested by the Surat Municipal Corporation / SSCDL to verify our statements or our competence and general reputation etc.
- The undersigned understands and agrees that further qualifying information may be requested and agrees to furnish any such information at the request of the SMC / SSCDL.
- The SMC / SSCDL and its authorized representatives are hereby authorized to conduct any inquiries or investigations to verify the statements, documents and information submitted in connection with this bid and to seek clarification from our bankers and clients regarding any financial and technical aspects. This affidavit will also serve as authorization to any individual or authorized representative to any institution referred to in the supporting information, to provide such information deemed necessary and requested by representative of Surat Municipal Corporation to verify statements and information provided in the tender or with regard to the resources, experience and competence of the applicant.

_____

Signed by an Authorized Signatory/officer of the Firm

_____

Title of Officer

_____

Name of Firm

_____

Date

*** To be given on non-judicial stamp paper of Rs.300/- duly signed by authorized notary**

(6.2) POWER OF ATTORNY IN FAVOR OF PERSON BIDDING THE TENDER*

Name of Work: DESIGN, SUPPLY, ERECTION, TESTING AND COMMISSIONING OF 3-D MAPPING BASED LIGHT AND SOUND SHOW AT SURAT CASTLE

I / We,_____(Name),

in capacity as Proprietor/ Partner / Director /_____(Designation) of M/s

_____ (Name of the firm)

hereby authorize Mr./Ms./Mrs._____, working as _____ in

my/our firm to participate in proposed tender. I/We shall be liable and responsible for all the information / rates

offered by said employee.

Detail of the person filling the tender on behalf of the firm		
Photograph	**Specimen Signature**	**Identity proof**

Seal & Signature of the firm
(Proprietor / Partner / Director)

*** To be prepared and submitted on letter head of the firm and to be submitted online only**

(6.3) Authorization and technical support certificate from manufacturer*

To,
Chief Executive Officer
Surat Smart City Development Ltd.,
Surat

Sub.: DSETC of 3-D mapping based light and sound show at Surat Castle
Ref. : E- Tender Notice No.: CEO / SSCDL / Heritage Cell / LSS / 01 /2021

Dear Sir/ Madam,

We _____ (manufacturer), who are established and reputed manufacturers of _____(Products) do hereby authorize M/s. _____ to purchase and resale of our Products and required accessories and/or Services. The Partner is entitled and authorized to submit bid, negotiate and conclude the contract with you against the above invitation for the products mentioned in the Tender as stated in subject and reference.

We hereby extend our full back to back support for the goods & services offered for supply by M/s_____ against above referred tender for seven years from the date of successful commissioning and trial run of the goods& services.

Thanking You,

Yours truly,

For

(Authorized Signature)

*** To be prepared and submitted on letter head of the manufacturer and to be submitted online only**

(6.3) Declaration and assurance by the bidder*

Name of Work: DESIGN, SUPPLY, ERECTION, TESTING AND COMMISSIONING OF 3-D MAPPING BASED LIGHT AND SOUND SHOW AT SURAT CASTLE

Dear Sir,
With reference to the captioned subject, I/we, having examined all relevant documents and understood their contents, hereby submit our proposal for Design, Supply, Erection, Testing, Commissioning and Operation & Maintenance of 3-D Projection Mapping based light and sound show at Surat Castle. We state that our proposal is unconditional. Further,

1. All information provided in the Proposal and in the appendices is true and correct and all documents accompanying such Proposal are true copies of their respective originals.

2. I/We shall make available to the SMC/SSCDL any additional information it may deem necessary or required for supplementing or authenticating the Proposal.

3. I/We acknowledge the right of the SMC/SSCDL to reject our application without assigning any reason or otherwise and hereby waive our right to challenge the same on any account whatsoever.

4. I/We certify that in the last seven years, we or any of our associates have neither failed to perform on any contract, as evidenced by imposition of a penalty by an arbitral or judicial authority or a judicial pronouncement or arbitration award against the applicant nor been expelled from any project or contract by any public authority nor have had any contract terminated by any public authority for breach on our part.

5. I/We declare that:
    a. I/We have examined and have no reservations to the tender Documents, including any Addendum issued by the SMC/SSCDL;
    b. I/We do not have any conflict of interest in accordance with the prescriptions in the tender Document;
    c. I/We have not directly or indirectly or through an agent engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice, as defined in tender document, in respect of any tender or request for proposal issued by or any agreement entered into with the SMC/SSCDL or any other public sector enterprise or any government, Central or State; and
    d. I/We hereby certify that we have taken steps to ensure that in conformity with the provisions of the tender, no person acting for us or on our behalf will engage in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice.

6. I/We understand that SMC/SSCDL may cancel the Public Procurement Process at any time and that you are neither bound to accept any Proposal that you may receive nor to select the Bidder(s), without incurring any liability to the Applicant in accordance with the tender document.

7. I/We certify that in regard to matters other than security and integrity of the country, we or any of our associates have not been convicted by a Court of Law or indicted or adverse order passed by a regulatory which would cast a doubt on our ability to undertake the Assignment or which relates to a grave offence that outrages the moral sense of the community.
8. I/We further certify that in regard to matters relating to security and integrity of the country, we have not been charge-sheeted by any agency of the Government or convicted by a Court of Law for any offence committed by us or by any of our Associates.

9. I/We further certify that no investigation by a regulatory authority is pending either against us or against our Associates or against our CEO or any of our Directors/Managers/Partner/ Employees.

10. I/We hereby irrevocably waive any right or remedy which we may have at any stage at law or howsoever otherwise arising to challenge or question any decision taken by the SMC/SSCDL [and/ or the Government of India] in connection with the selection of Bidder(s) or in connection with the Public Procurement Process itself in respect of the above-mentioned Project.

11. I/We agree and understand that the proposal is subject to the provisions of the tender documents. In no case, shall I/we have any claim or right of whatsoever nature if the Assignment is not awarded to me/us or our proposal is not opened or rejected.

12. I/We agree to keep this offer valid for 120 days from the opening of the price bid.

13. A Power of Attorney in favor of the authorized signatory to sign and submit this Proposal and documents is attached herewith.

14. In the event of my/our firm/ consortium being selected as the Bidder(s), I/we agree to enter into an Agreement in accordance with the form which shall be provided by Client. We agree not to seek any changes in the aforesaid form and agree to abide by the same.

15. I/We have studied tender and all other documents carefully and also surveyed the Project site. We understand that except to the extent as expressly set forth in the tender, we shall have no claim, right or title arising out of any documents or information provided to us by the SMC/SSCDL or in respect of any matter arising out of or concerning or relating to the Public Procurement Process including the award of works.

16. I/We agree and undertake to abide by all the terms and conditions of the tender Document. In witness thereof, I/we submit this Proposal under and in accordance with the terms of the tender Document.

Yours sincerely,

Authorized Signature [In full and initials]:
Name and Title of Signatory:
Name of Firm: Address:

*** To be prepared and submitted on letter head of the firm and to be submitted online only**

(7) INSTRUCTIONS TO THE TENDERER

IT-01. GENERAL:

The Contract documents may be secured in accordance with the Notice to the Contractors, Inviting Tender for the Work. The Work shall include design, supply, erection, testing and commissioning of materials, equipment, machinery along with comprehensive annual maintenance and operation necessary for the construction of the work.

IT-02. INVITATION TO TENDER:

The Surat Municipal Corporation hereinafter referred so as the Corporation/Surat Smart City Development Limited (SSCDL) shall receive tenders for **DESIGN, SUPPLY, ERECTION, TESTING AND COMMISSIONING OF 3-D MAPPING BASED LIGHT AND SOUND SHOW AT SURAT CASTLE** as per the specifications in the tender documents. The Corporation reserves the right to reject the lowest or any other or all tenders or part thereof which, in the opinion of the Corporation, does not appear to be in its best interest, and the Tenderer shall have no cause of action or claim against the Corporation or its officers, employees, successors or assignees for rejection of his tender.

IT-03. LANGUAGE OF THE TENDER :

Tender shall be submitted in English, and all information in the tender shall also be in English, Information in any other language shall be accompanied by its translation in English. Failure to comply with this may make the tender liable to be rejected.

IT-04. QUALIFICATIONS OF THE TENDERER :

Tenderer shall be registered in its category and shall be experienced.

IT-05. TENDER DOCUMENT :

Printed documents and set of drawings if any shall comprehensively be referred to as "Tender Document". The several sections forming the document are the essential parts of the Contract, and a requirement occurring in one shall be binding as though occurring in all. They are to be taken as mutually explanatory, and they describe and provide for complete Works.

IT-06. EXAMINATION BY THE TENDERER :

A. Prior to submitting his tender, each Tenderer at his own expenses, shall (a) examine the Contract Documents, (b) visit the site and determine local conditions, which may affect the Work, including the prevailing wages and other pertinent cost factors, (c) familiarize himself with all Central, State and local laws, ordinances, rules, regulations and codes, affecting the material supply, including the cost of permits and licenses required for the Work, and (d) co-relate his observations, investigations, and determinations with the requirements of the Tender Document.

B. The tender quantity is approximate and may increase or decrease. Any increase or decrease in quantity shall not entitle the Tenderer to claim any extra over the quoted price.

C. Tender Document shall be completed legible in ink, checked in a responsible manner, signed, stamped and submitted online only.

All the pages, in which entries are required to be made by the Tenderer, are contained in the Tender Document, and the Tenderer shall not take out or add to or amend the text of any of the documents, except in so far as may be necessary to comply with any addenda issued pursuant to relative clause hereof.

IT-07. TENDER FEE AND EARNEST MONEY DEPOSIT :

A. Tender Fee and EMD shall be deposited through Pay Order / Demand Draft, issued infavour of **"Surat Smart City Development Limited**". The Earnest Money Deposit in the form of FDR or cheque shall not be accepted. The Tenderer shall have to mention details of Earnest Money Deposit online too. Tender Fee and EMD received beyond stipulated time limit shall be rejected.

The instrument for the Earnest Money Deposit shall be issued by or payable / encashable at Surat Branch of respective bank.

B. The Earnest Money Deposit shall be forfeited in the event the successful Tenderer fails to accept the Contract, and fails to submit the Security Deposit (S. D.) to the Owner as stipulated in this tender document within 10 days after receipt of notice of award of Contract. In such a case, the Owner may disqualify the Tenderer from tendering for further Works, under the jurisdictions of the Corporation (S.M.C.).

C. The Earnest Money Deposit of the successful tender shall be returned after the Security Deposit (S. D.), as required, is furnished by the Contractor.

D. No interest shall be paid by the Owner on any tender guarantee.

IT-08. SECURITY DEPOSIT :

Security Deposit for DSITC Work: (Total 2 % of order value for SITC)

100% of SD amount may be in form of Cash or demand draft or Fixed Deposit Receipt. If mode through Demand Draft is opted, DD must be issued in favor of **"Surat Smart City Development Limited"**, issued through approved banks listed elsewhere and shall be **payable at Surat only**. If SD is being deposited in form of fixed deposit receipt, then FDR shall be issued from approved bank in favor of **"Surat Smart City Development Limited"** and shall be **valid for a period of 02 (two) years** from the date of uploading tender documents for this work.

OR

100% amount of security deposit shall be in form of bank guarantee, issued from approved bank and addressed to "CEO, Surat Smart City Development Limited" for stated work. The bank guarantee must be valid for a period of 02 (Two) years from the date of uploading tender documents for this work. Format shall be exact as given by SMC / SSCDL.

Security Deposit for Operation & Maintenance Work: (Total 2% of order value for O&M)

If order/suborder value is > 2 crore, security deposit may be in form of Cash/DD/FDR. Validity of FDR in this case should be one year in addition to the contract period for O&M.

If order/suborder value is <2 Crore, 100% of the Security Deposit shall be in form of Cash/DD. DD should be drawn in favor of "Surat Smart City Development Limited" and shall be payable at Surat.

APPROVED LIST OF BANKS

With reference to List of Banks declared by Government of Gujarat, Finance department GR No-EMD/10/2020/42/DMO dtd. 19/10/2020 Annexure I bank guarantee issued by following bank shall be accepted. However, circular published by SMC time to time shall be applicable.

(A) Guarantees issued by following banks will be accepted as SD/ EMD on permanent basis.
- All Nationalized Banks.

(B) Guarantees issued by following Banks will be accepted as SD / EMD for period up to March 31,2021. The validity cut-off date in GR is with respect to date of issue of Bank Guaranteed irrespective of date of termination of Bank Guarantee.
- The Mehsana Urban Co-Operative Bank Ltd.
- The Ahmedabad Mercantile Co-Op. Bank Ltd.
- Nutan Nagarik Sahakari Bank Ltd.
- The Kalupur Commercial Co-Operative Bank LTD.
- RBL Bank
- AXIS Bank
- ICICI Bank
- HDFC Bank
- Kotak Mahindra Bank
- IndusInd Bank
- Yes Bank
- The Gujarat State Co-Operative Bank
- Sarswat Bank

All the eligible banks are instructed to collect the original documents/papers of guarantee from the concerned tendering authority.

If the Security Deposit is not paid within 15 days from the date of "Work Order", then the penalty at the rate of 0.065% of SD amount per day, per day of the amount of Security Deposit shall be charged. If the Security Deposit is not paid within one month from the date of "Work Order", necessary action as per the Conditions of Contract shall be taken.

IT-09. SUBMISSION OF TENDER DOCUMENT :

Tenderer is requested to submit the tender as per the following :

A. The Tenderer shall submit demand draft of E.M.D., Tender fees and affidavit to "The Chief Accountant", Surat Municipal Corporation, Mugalisara, Surat by Registered Post / Speed Post A.D. through Government postal authority only, up to 18.00 hrs., on or before the stipulated date in the tender.

B. The full name & address of the Tenderer shall be written at the bottom left hand corner of the said sealed envelope. The name of the Work shall be clearly mentioned on the sealed envelope.

The time limit for receipt of the completed tender shall apply strictly in all the cases. The Tenderer shall, therefore, ensure that this tender is received by the Chief Accountant, Surat Municipal Corporation, Surat before the expiry of the time limit. No delay on account of any cause for receipt of tender shall be entertained. Tenders received or due to be received after the time limit is over, shall not be accepted, and if inadvertently accepted, shall not be opened and shall be returned unopened. Tenders, which may get opened before the due date because of improper superscription of the envelope, are liable to be rejected.

Mailed tenders (EMD & Tender Fees only) must be sent in a covering envelope by Registered Post / Speed Post A.D.The return receipt shall be endorsed to show the date and time of receipt, Mailed tenders, not received at the required place before the date and time set for the receipt of tenders, shall be rejected.

Tenders, submitted by a partnership firm, must be furnished with the full name and addresses of all the partners and be signed with the name of the partnership firm by one of the partners or by its legally authorized representative, followed by the signature and designation of the person or persons signing. Tenders by Corporations / Companies must be signed with the legal name of the Corporation / Company by the President / or by the Secretary, or other person or persons, legally authorized to sign on behalf of the Corporation / Company in the matter.

C. Tenders shall be opened by the **Competent Authority, Surat Municipal Corporation / SSCDL,** Surat on the due day & time.

IT-10. TENDER VALIDITY PERIOD :

The validity period of the tender submitted for this Work shall be of one hundred & twenty (120) calendar days from opening of the online " Price Bid ". The Tenderer shall not be allowed to withdraw or modify the tender offer on his own during the validity period. The Tenderer shall not be allowed to withdraw the tender, or make any modifications or additions in the terms and conditions of his own in his tender. If this is done, the Owner shall, without prejudice to any right or remedy, be at liberty to reject the tender and forfeit the Earnest Money Deposit in full.

IT-11. SIGNING OF TENDER DOCUMENT :

If the Tender is submitted by an individual, it shall be signed with his full name above his current address/seal on each page.

If the tender is submitted by a Proprietary Firm, it shall be signed by the Proprietor above his name and the name of his firm with his current address/seal on each page.

If the Tender is submitted by a Firm in Partnership, it shall be signed by all the partners of the firm above their full names and current addresses, or by a partner holding the power of attorney for the firm to sign the Tender, in which case, a certified copy of the power of attorney shall accompany the Tender. A certified copy of the partnership deed, current addresses of all the partners of the firm shall also accompany the tender.

If the Tender is submitted by a Limited Company or a Limited Corporation, it shall be signed by a duly authorized person holding the power of attorney for signing the Tender, in which case, a certified copy of the power of attorney shall accompany the Tender. Such Limited Company or Corporation may be required to furnish satisfactory evidence of its existence before the Contract is awarded.
If the Tender is submitted by a "group of firms", the "sponsoring firm" shall submit complete information pertaining to each firm in the group and state along with the Tender, as to which of firm shall have the responsibility for tendering and for completion of the Contract Document, and furnish evidence admissible in law in respect of the authority to such firm on behalf of the group of firms for tendering and for completion of Contract Documents.

The full information and satisfactory evidence, pertaining to the participation of each member of the group of firms in the tender, shall be furnished along with the tender.

All witnesses and sureties shall be persons of status and probity, and their full names, occupations and addresses shall be stated below their signatures. All signatures in the Tender Document shall be dated.

IT-12. WITHDRAWAL OF TENDERS :

If, during the "Tender Validity Period", the Tenderer withdraws his Tender, the Earnest Money Deposit shall be forfeited and the Tenderer may be disqualified from tendering for further Work under the jurisdictions of S.M.C.

IT-13. INTERPRETATIONS OF THE TENDER DOCUMENT :

Tenderer shall carefully examine the "Tender Document", and fully familiarize himself with all the conditions and matters, which may, in any way, affect the Work, or the cost thereof. Should a Tenderer find discrepancies or commission from the Specifications or other documents, or should be in doubt as to their meaning, he shall at once address query to **Chief Executive Officer, SSCDL** as in written during pre-bid meeting.

IT-14. ERRORS AND DISCREPANCIES IN THE TENDER :

Described elsewhere in tender documents.

IT-15. MODIFICATION OF DOCUMENTS :

Modification of Specifications and extension of the closing date of the tender, if required, shall be made by an addendum. Copies of each addendum shall be posted online. These shall be signed and shall form a part of the tender. The Tenderer shall not add to or amend the text of any of the documents, except in so far as may be necessary to comply with any addendum.

IT-16. ADDENDA :

Addenda form part of the Contract Documents & full consideration shall be given to all addenda in the preparation of the Tender. Tenderer shall verify the number of addenda issued, if any, and acknowledge the receipt of all Addenda in the Tender. Failure to so acknowledge may cause the Tender to be rejected.

A. The Engineer-in-Charge of the authority may issue Addenda to advise Tenderers of changed requirements. Such addenda may modify previously issued Addenda.

B. No Addendum may be issued after the last day of online price submission.

IT-17. TAXES AND DUTIES ON MATERIAL :

Present tender is all inclusive and any taxes/duties/levies etc. Shall be borne by contractor. All the charges, on account of Octroi, Terminal Tax or Sales Tax, GST etc., and any other duty / duties/Levy/Freight/Transportation/Loading/Unloading/Storage on material/s obtained for the Work from any source, shall be borne by the Contractor. No 'D' or 'C' Form shall be supplied by the S.M.C.

Moreover, the Contractor shall have to bear any revision of the taxes and / or duties implemented by the Authority from time to time, and no extra payment shall be made for the revision of taxes and / or duties on materials / work.

IT-18. EVALUATION OF THE TENDERS :

In comparing the tenders, S.M.C. / SSCDL shall consider such factors as the time of completion, efficiency and reliability of construction method proposed, compliance with the Specifications, relative quality, the operation, maintenance and replacement cost of structure and plant.

IT-19. POLICY FOR "TENDER UNDER CONSIDERATION" :

Tenders shall be termed to be "under consideration" from the date of opening of the Tender, until such time when an official announcement of award is made. While the tenders are under consideration, the Tenderers and their representative or other interested parties are advised to refrain from connecting by any means with the representative of S.M.C. / SSCDL on matters related to the tenders under study. The Engineer-in-Charge's Representative, if necessary, shall obtain clarification on tenders on behalf of the Tenderers by requesting information from any or all the Tenderers, either in writing or through personal contact, as may be necessary. The Tenderers shall not be permitted to change the substance of his submitted Tender after price revision. Non-compliance with this provision shall make the tender liable for rejection.

IT-20. PRICES AND PAYMENTS :

The Tenderer must understand clearly that the price quoted are for the total Work or the part of the total Work quoted for, as the case may be, and include all costs due to Materials :, labor, equipment, supervision, security, other services, royalties and octroi, if any, etc. and to include all extras to cover the cost. No claim for additional payment, beyondthe prices quoted shall be entertained and the Tenderer shall not be entitled subsequently to make any claim on any ground, except for the condition laid down in concern clause of Price Adjustment.

IT-21. PAYMENT TERMS :

The terms of payment are defined separately elsewhere in tender documents. The Municipal Corporation shall not, under any circumstances, relax these terms of payment, and shall not consider any alternative payment terms. Tenderer shall, therefore, in his own interest, note this provision to avoid rejection of his tender.

IT-22. AWARD :

Award of the Contract or the rejection of tenders shall be made during the Tender Validity Period stated in the "Instructions to the Tenderes" :

A. After all Contract contingencies are satisfied and the Notice of Award is issued, the successful Tenderer shall execute the Contract Agreement within the time stated in the "Instructions to the Tenderes", and shall furnish the "Security Deposit" as required herein. The Contract Agreement shall be executed in the form stipulated by the Owner. A copy of the required form is included in the Contract Document.

B. If the Tenderer, receiving the Notice of Award, fails or refuses to execute the Contract Agreement within the stated time limit, or fails or refuses to furnish the "Security Deposit" as required herein, the S.M.C. may annul his Award, and declare the E.M.D. forfeited.

C. A Private / Public Limited Corporation, Partnership firm or other Consortium, acting as the Tenderer and receiving the Award, shall furnish evidence of its existence, and evidence that the person, signing the Contract Agreement & other documents for the Private / Public Limited Corporation, Partnership Firm or other Consortium acting as the Tenderer, is duly authorized to do so.

IT-23. SIGNING OF THE CONTRACT :

The successful Tenderer shall be required to execute the Contract within fifteen days of receipt of notice of award of the Contract & / or to execute the Contract, failing which the Municipal Corporation shall be entitled to annul the award and forfeit the Earnest Money Deposit. The person to sign the Contract Document shall be the person as detailed elsewhere.

IT-24. DISQUALIFICATION :

A tender shall be disqualified and shall not be taken for consideration, if

A. The outer envelope does not show on the outside the reference of tender and, thus, gets opened before the due date of opening as per Article - Submission of Tender Document.
B. The tender Earnest Money Deposit and Tender Fees are not deposited in full and in the manner
C. The tender is in a language other than English or does not contain its English Translation in case of other language being adopted for tender preparation.
D. The tender does not meet any of the essential eligibility criteria
E. The Tender Document are not signed by an authorized person
F. The general performance data for qualification is not submitted
G. The submitted Tender is a Conditional Tender.
H. Price bid is submitted in hard copy.
I. Technical Bid is submitted in hard copy.
J. Qualifying and other documents are submitted in hard copy.
K. Price Variation, proposed by the Tenderer, is on principles other than provided in the Tender Document.
L. Completion Schedule offered is not consistent with the completion schedule defined and specified in the Tender Document.
M. The validity of the tender is less than the mentioned.
N. Any of the page or pages of the tender is / are removed / replaced.
P. All corrections or pasted slips are not initialed by the Tenderer.
Q. Any erasure is made in the tender.
R. Any other criteria demanded elsewhere in tender and not fulfilled by contractor

IT-25. RETENTION MONEY :

Apart than security deposit 5% of the bill amount shall be kept as retention money and shall be released in final bill.

IT-26. STAMP DUTY :

The successful Tenderer shall have to enter into an Agreement within 15 (Fifteen) days on a non-judicial stamp paper of Gujarat State of required value as per the form of the Agreement and surety bond approved by the Municipal Corporation, Surat.

If security deposit is in form of Cash/DD/Bank Guarantee: Contractor has to submit three number of Non judicial stamp papers of Government of Gujarat each of Rs.300/- for agreement, surety and undertaking respectively. Stamp papers must not be older than 6 months from the date of submission to SMC.

If security deposit is in form of FDR: Contractor shall have to submit two stamp papers each of Rs.300/- for surety and undertaking, plus stamp papers costing 4.90% of security deposit amount for agreement.

IT-27.BRAND NAMES :

Specific references in the Specifications of any Materials : by manufacturer's / supplier's name / or catalog number, shall be constructed as establishing a standard or quality and performance, and not as limiting competition and the Tenderer, in such cases, may at his option, freely use any other

product, provided that it ensures equal or higher quality than the standard mentioned and meets approved by Municipal Corporation.

IT-28. NON-TRANSFERABLE :

Tender Document are not transferable.

IT-29. COST OF TENDERING :

The Owner shall not defray expenses incurred by Tenderers in tendering.

IT-30. DEFECT OF TENDER :

The Tender for the Work shall remain open for a period of 120 calendar days from the date of opening of online price bid for this Work, and that the Tenderer shall not be allowed to withdraw or modify the offer on his own during this period. If any Tenderer withdraws or makes any modifications or additions in the terms and conditions on his own, the Municipal Corporation, shall without prejudice to any right or remedy, be at liberty to reject the tender and forfeit the Earnest Money Deposit in full.

IT-31. VARIATION IN A QUANTITY & / OR ORDERED VALUE :

SMC / SSCDL reserves the right to waive any informality in any tender and to reject one or all tenders without assigning any reasons for such rejections, and also reserves the right to vary to quantity / quantities of item/s or group, as specified in the Schedule of Quantities & Rates as may be necessary, but such variation shall be limited to within plus or minus (30 %) Thirty Per cent of the Contract price. However SMC/SSCDL reserves every right to execute or not execute any item listed in BOQ.

IT-32. NEW EQUIPMENT AND MATERIAL ;

All Materials :, equipment and spare parts thereof shall be new, unused and originally coming from manufacturer's plant to the Corporation. The rebuilt or overhauled equipment / Materials : shall not be allowed to be used on Work.

IT-33. RIGHTS RESERVED :

The S.M.C. / SSCDL reserves the right to reject any or all tenders, to waive any informality or irregularity in any tender, without assigning any reasons. The S.M.C. further reserves the right to withhold issuance of the notice to proceed, after execution of the Contract Agreement, for the period of time stated in the Invitation to the Tender and no additional payment shall be made to the successful Tenderer on account of such witholding. The S.M.C. is not obliged to give reasons for any such action.

IT-34. Municipal Commissioner reserves right to reduce the scope of work and split the tender in to two or more parts without assigning any reason even after the Award of Contract.

IT-35. MOBILIZATION ADVANCE :

No mobilization advance or advance on machinery shall be given

IT-36.CONDITIONAL TENDER :

The scope of Work is clearly mentioned in the Tender Document. The Contractor shall have to carry out the Work in accordance with the detailed Specifications. No conditions shall be accepted. The conditional tender shall be liable to be rejected.

IT-37 CANCELLED

IT-38. WORK IN ACCRODANCE WITH SPECIFICATIONS GIVEN IN GUJARAT P. W. D. HANDBOOK - GENERAL TECHNICAL SPECIFICATION FOR BUILDING WORKS (LATEST EDITION) :

The Work shall be carried out strictly according to the Specifications given in Gujarat Public Works Department Hand Book – General Technical Specification for Building Works (The latest edition) whenever applicable as directed by Engineer-in-Charge.

IT-39. THE WORK TO START AT MULTIPLE PLACES :

The Work shall have to be started by the Contractor at as many places as ordered by the Engineer-in-Charge.

IT-40. THE TENDERER LIABLE TO BEAR THE COST OF ANY DAMAGES TO ANY UTILITIES :

If during excavation or carrying out of any item of the Work, any electric pole, electric cable, telephone cables, telegraph cable, gas line, drain connection pipeline, water service pipeline, sewer main, water mains, etc. is / are damaged by the Contractor, he shall be liable to pay the full expenditure required to repair the same or

charges for the same as decided by the concerned utility company namely The Electric Company, The Gas Company, Government Authority or the MahanagarSevaSadan, as the case may be.

IT-41. WORKMANSHIP :
The Work shall be carried out in workmanlike manner, and only the best skilled workers shall be employed. If any defect in the Work is found out, the Contractor shall have to rectify within the time fixed by Engineer-in-Charge. If he fails to rectify the defect Engineer-in-Charge, after giving due notice, shall rectify the defect at the risk and cost of the Contractor.

IT-42. THE WORK IN ACCORDNACE TO THE INSTRUCTIONS OF ENGINEER-IN-CHARGE :
All the Work shall be done strictly according to the instructions of Engineer-in-Charge.

IT-43. NO COMPENSATION FOR STOPPAGES DUE TO DEFECTIVE WORK :
No compensation shall be paid, if the Work is stopped due to either defective work, or as per the instructions from Engineer-in-Charge due to any reasons.

IT-44. THE RATES IN THE PRICE TENDERTO HOLD GOOD WITHOUT REFERENCE TO QUANTITY & / OR LOCATION :
The rates given in the Schedule shall hold good for all the Work done under this Contract without reference to quantities or location of the Work.

IT-45.
The Contractor is particularly directed to observe from the Specifications as to what is to be included in the items and accordingly, the rates for several portions of the Work shall be worked out.

IT-46. THE DATE OF COMMENCEMENT OF THE WORK :
The date of commencement of the Work is considered to be the date Specified in the "Final Work Order".

IT-47. NO ARBITRATION :
If any clause of Arbitration is there in the tender document, it is deleted here with.

IT-48. EXECUTION UNDER STRICT SUPERVISION OF THE SMC/CONSULTANT :
The project under this tender shall be executed under strict supervision and instructions of the SMC/ Consultant deployed by S.M.C./SSCDL The Contractor shall carry out the instructions of the Consultant.

IT-49. DISPUTES :
Any dispute arising out of this Contract shall be subject to SURAT JURISDICTION only.

IT-50. CHANGE IN EXISTING / PRESENT CIVIL STRUCTURE :
During implementation of Electrical Works, any minor/major changes made in existing / present civil work [making holes, creating channel, wall cutting, etc.] by contractor shall be brought to original position / repaired / completed before the end of execution. No extra payment shall be made by SMC to the contractor for such civil works. All the changes required in present civil structure for this work shall be in scope of the contractor and no extra payment shall be made. Scaffolding required to execute the work shall also be in scope of contractor.

IT-51 COMPENSATION AGAINST INJURY/ACCIDENT
No compensation by SMC shall be given to the contractor/contractor's staff if any injury, accident occurs during implementation of the contract.

IT-52 Follow BOQ
~~If there's a difference between the item demanded in BOQ and detailed specification in scope of work, BOQ shall be considered as authentic and final.~~

IT-53 Deduction
Latest and prevailing deduction rules and regulations for running/final bills of Surat Municipal Corporation shall be applicable to contractor.

IT-54 Drawings
The drawings attached with this tender documents are only for consideration for bidding.

IT-55 Water& Electricity
Water and electricity, required for this work shall be provided free of cost to the contractor.

--s/d--
Executive Engineer (Heritage Cell, SMC) &
Deputy General Manager (SSCDL)

Seal & Signature of the bidder

LOCATION AND HISTORY

The Surat castle is one of the ancient monuments of 16th century existing in the city and bears a significant relevance to its history. However, such a great fortification built to provide the citizens of Surat with an adequate defence against the attacks of the invaders seems to have been forgotten from the minds of the present generation. The Ahmedabad king Sultan Mahmood-III (1538-1554), who was very much annoyed by these frequent destructions of Surat, ordered for building a very strong castle and entrusted the work to Safi Agha, a Turkish soldier who had been ennobled with the title of Khudawand Khan. The work of building the castle was completed in 1546. After the capture of Surat by the emperor Akbar (1573) the fortress remained in the charge of commandants appointed from Delhi till it was seized by the Sidhi admiral of the Mugal fleet in 1751. The Sidhi did not hold the castle for long period, as it was captured by the English in 1759 with rest of the city. Though from the first practically independent, the English held the castle nominally under the Mugal. In token of this divided command, two flags waved from the castle walls, the English ensign on the south-west, and the Moorish standard on the south-east bastion. This practice was continued till, in 1842, on the death of the last of the nawabs of Surat, the English fleet was removed from the Tapi, and the Moorish standard taken down from the castle walls. Though, as a defence against any well-equipped enemy, they have long been useless, the castle buildings initially were being kept in repair, and until the year 1862, were garrisoned by a small body of European and native troops. In that year, as no longer required, the force was withdrawn, and the vacated rooms were made over for the accommodation of the various offices connected with the revenue and police departments, in whose occupation the castle has since remained.

DESIGN, SUPPLY, ERECTION, TESTING & COMMISSIONING OF 3-D MAPPING BASED LIGHT & SOUND SHOW

(1) The work will be on TURN KEY basis.
(2) Following is the basic and minimum requirement for DSITC of proposed light and sound show.
(3) Bidder has to quote accordingly to ensure flow less operation and maintenance of the system for a period of 6 years. (1 year DLP + 5 years).
(4) Bidder may consider any other item in addition to minimum required item listed below for smooth, efficient and reliable performance of the system. But no other payment apart than quoted rate shall be paid to contractor.
(5) All the items shall be considered with all accessories / wires / cables etc.
(6) Technical specifications of similar items may change from manufacturer to manufacturer. Bidders are advised to offer / quote for exact/nearest items as per following requirements.

Sr.	Item / Description	Unit	Qty	Approved Makes
(A) Visual Equipment				
1.	Supply, Installation, testing, commissioning and Programing of DLP laser Projector as per following specfication:- Light output:- 20000 lumens min, native resolution HD(1920X1200). Contrast Ratio 200000:1. light source:-laser phosphor, illumination life:- 20000 hours minimum ,inputs:- HDMI/DVI, HDbaseT. Controls:- Ethernet. With all required accessories and mountings.	Nos	06	Christie/Panasonic/Digital Projection/ Barco
2.	Supplying, Installation , Testing and commissioning of Display ,Media, Production, master show controller server as per approved make with peripheral hardware's/devices/software's and suitable chassis, media server with HD outputs as required , synced together. It should be capable of capturing content. Original windows 7 embedded with i7 six core CPU with Rugged cooling system. with 16GB RAM, 2 nos 512 GB SSD drives raid 0 drives for media playback , 1 nos. 256 GB SSD for operating. It should also have gen lock and frame lock capability. Should also have Art-net Ethernet in/out. to complete the job with all respects. All the accessories and antivirus software included.	Nos	03	HP / DELL / IBM / SONY
3.	Supplying, Installation , Testing and commissioning of 3D Projection mapping software, Playback control System to manage, schedule and control the media severs. It should have direct control on inputs and media timelines. It should have an option of being controlled by an external unit integrated with the software. to complete the job with all respects.	Nos	06	Dataton/Coolux/MadMapper
4.	Supply, Installation, testing, commissioning of following accessories for the above items:- gigabit switch, video transmitters & receivers fibre optic compatible, media converter, HDMI extender, equipment's racks, signal cables(ofc/cat6/HDMI etc). etc to complete the projection mapping job with all respects.	Nos	02	Extron/Kramer/ATEN/Cisco / Netgear/D-Link/Valrack /Rittal / Crown
5	Supply, reaction, testing, commissioning of weatherproof cabin for projector. Equipment should be complete with foundation, paint, mounting accessories, suitable size of hole for cable laying. etc to complete with all respects.	Nos	06	As offered by customer and approved by client / consultant

Sr.	Item / Description	Unit	Qty	Approved Makes
(B) Audio System				
1.	Supply, installation and fixing Audio/Dimmer Rack - 19 " - 36 U Rack, 600 mm wide, height approx. 1800 mm with Aluminium frame and 800 mm depth, top bottom side panel and rear door of CRCA. Sheet size 1 mm, front door with Aluminium section and acrylic/glass sheets	Nos	01	President/Rittal/APW/Valrack / Audiotech / Alpine
2.	Left Speker: Supply Installation Testing & Commissioning of non-powered Three way Tri-amplified or better Line array speakers; frequency range: 68Hz to 20 Khz or better, loudspeaker consisting of Min 2 x 8" LF driver or better and 1x 1.75" HF titanium diaphragm, or better, Nominal Horizontal Dispersion: 105°H or better, Impedance: 8 Ohm or better; with Sensitivity HF: 106 dB, MF 97dB SPL, LF: 97 dB SPL, Power Continuous HF: 100 watts or better, MF: 200 watts or better, LF: 200 watts or better.	Nos	02	Meyer Sound/ Martine Audio/QSC/Bose/Turbosound / HK Audio / D&B
3.	Right Speker: Supply Installation Testing & Commissioning of non-powered Three way Tri-amplified or better Line array speakers; frequency range: 68Hz to 20 Khz or better, loudspeaker consisting of Min 2 x 8" LF driver or better and 1x 1.75" HF titanium diaphragm, or better, Nominal Horizontal Dispersion: 105°H or better, Impedance: 8 Ohm or better; with Sensitivity HF: 106 dB, MF 97dB SPL, LF: 97 dB SPL, Power Continuous HF: 100 watts or better, MF: 200 watts or better, LF: 200 watts or better.	Nos	02	Meyer Sound/ Martine Audio/QSC/Bose/Turbosound / HK Audio / D&B
4.	Centre Speaker: Supply Installation Testing & Commissioning of non-powered Three way Tri-amplified or better Line array speakers; frequency range: 68Hz to 20 Khz or better, loudspeaker consisting of Min 2 x 8" LF driver or better and 1x 1.75" HF titanium diaphragm, or better, Nominal Horizontal Dispersion: 105°H or better, Impedance: 8 Ohm or better; with Sensitivity HF: 106 dB, MF 97dB SPL, LF: 97 dB SPL, Power Continuous HF: 100 watts or better, MF: 200 watts or better, LF: 200 watts or better.	Nos	02	Meyer Sound/ Martine Audio/QSC/Bose/Turbosound / HK Audio / D&B
5.	Left Height Speaker: Supply Installation Testing & Commissioning of non-powered Two way Bi-amplified speaker; frequency range: 60Hz to 20 Khz or better, loudspeaker consisting of Min 2 x 8" LF driver or better and 1x 1" HF compression driver, or better, Nominal Coverage: 90° H x 60° V, Impedance: 8 Ohm or better; with Sensitivity HF: 104 dB, LF: 97 dB SPL, Power Continuous HF: 45 watts or better, LF: 400 watts or better.	Nos	01	Meyer Sound/ Martine Audio/QSC/Bose/Turbosound / HK Audio / D&B
6.	Right Height Speaker: Supply Installation Testing & Commissioning of non-powered Two way Bi-amplified speaker; frequency range: 60Hz to 20 Khz or better, loudspeaker consisting of Min 2 x 8" LF driver or better and 1x 1" HF compression driver, or better, Nominal Coverage: 90° H x 60° V, Impedance: 8 Ohm or better; with Sensitivity HF: 104 dB, LF: 97 dB SPL, Power Continuous HF: 45 watts or better, LF: 400 watts or better.	Nos	01	Meyer Sound/ Martine Audio/QSC/Bose/Turbosound / HK Audio / D&B
7.	Left Wide Speaker: Supply Installation Testing & Commissioning of non-powered Two way Bi-amplified speaker; frequency range: 60Hz to 20 Khz or better, loudspeaker consisting of Min 2 x 8" LF driver or better and 1x 1" HF compression driver, or better, Nominal Coverage: 90° H x 60° V, Impedance: 8 Ohm or better; with Sensitivity HF: 104 dB, LF: 97 dB SPL, Power Continuous HF: 45 watts or	Nos	01	Meyer Sound/ Martine Audio/QSC/Bose/Turbosound / HK Audio / D&B

	better, LF: 400 watts or better.			
8.	Right Wide Speaker: Supply Installation Testing & Commissioning of non-powered Two way Bi-amplified speaker; frequency range: 60Hz to 20 Khz or better, loudspeaker consisting of Min 2 x 8" LF driver or better and 1x 1" HF compression driver, or better, Nominal Coverage: 90° H x 60° V, Impedance: 8 Ohm or better; with Sensitivity HF: 104 dB, LF: 97 dB SPL, Power Continuous HF: 45 watts or better, LF: 400 watts or better.	Nos	01	Meyer Sound/ Martine Audio/QSC/Bose/Turbosound / HK Audio / D&B
9.	Left Surrounding Speaker: Supply Installation Testing & Commissioning of non-powered Two way Bi-amplified speaker; frequency range: 60Hz to 20 Khz or better, loudspeaker consisting of Min 2 x 8" LF driver or better and 1x 1" HF compression driver, or better, Nominal Coverage: 90° H x 60° V, Impedance: 8 Ohm or better; with Sensitivity HF: 104 dB, LF: 97 dB SPL, Power Continuous HF: 45 watts or better, LF: 400 watts or better.	Nos	01	Meyer Sound/ Martine Audio/QSC/Bose/Turbosound / HK Audio / D&B
10.	Right Surrounding Speaker: Supply Installation Testing & Commissioning of non-powered Two way Bi-amplified speaker; frequency range: 60Hz to 20 Khz or better, loudspeaker consisting of Min 2 x 8" LF driver or better and 1x 1" HF compression driver, or better, Nominal Coverage: 90° H x 60° V, Impedance: 8 Ohm or better; with Sensitivity HF: 104 dB, LF: 97 dB SPL, Power Continuous HF: 45 watts or better, LF: 400 watts or better.	Nos	01	Meyer Sound/ Martine Audio/QSC/Bose/Turbosound / HK Audio / D&B
11.	Back Surrounding Speaker: Supply Installation Testing & Commissioning of non-powered Two way Bi-amplified speaker; frequency range: 60Hz to 20 Khz or better, loudspeaker consisting of Min 2 x 8" LF driver or better and 1x 1" HF compression driver, or better, Nominal Coverage: 90° H x 60° V, Impedance: 8 Ohm or better; with Sensitivity HF: 104 dB, LF: 97 dB SPL, Power Continuous HF: 45 watts or better, LF: 400 watts or better.	Nos	01	Meyer Sound/ Martine Audio/QSC/Bose/Turbosound / HK Audio / D&B
12.	Subwoofers: Supply , Installation , testing and commissioning of Flyable Line array Subwoofer Module with Minimum 1x18"or better; Frequency response 32 Hz - 200 Hz or better; Sensitivity of 98 dB SPL; Max SPL 134.5 dB SPL; Construction in birch plywood, complete with standard accessories as per specifications .	Nos	04	Meyer Sound/ Martine Audio/QSC/Bose/Turbosound / HK Audio / D&B
13.	Array Frame with Accessories for installing Line array speakers with Subwoofers	Nos	04	As per above list of companies of As approved by client
14.	Amplifier:8-Channel Network based Class D amplifier. Minimum 1000W/Channel @ 8, 4 & 2 Ohms or 100v/70v Tapping. The channels can be bridged to achieve 70v/100v. 8 Routable Mic/ Line Inputs. Dynamic Load Sharing between output channels for power distribution as per the load required. Control & Monitoring: Centralised Processor over IP. GPIO Option, Frequency Response: 20 Hz - 20 kHz +0.2 dB / -0.7 dB. Input Impedance: >8k balanced and >4k unbalanced. Controls & Indicators: Power, Channel MUTE buttons, Channel SELECT buttons, Channel Input signal and CLIP LED Indicators, Channel Output and LIMIT LED meters, Control knob, LCD Graphic Display. Multiple amplifiers (Min 4 Channel) can be considered to achieve the above mentioned channel requirements.	Nos	02	Meyer Sound/ Martine Audio/QSC/Bose/Turbosound / HK Audio / D&B
15.	Amplifier: 8-Channel Network based Class D amplifier. Minimum 500W/Channel @ 8, 4 & 2 Ohms or 100v/70v Tapping. The channels can be bridged to achieve	Nos	02	Meyer Sound/ Martine Audio/QSC/Bose/Turbosound / HK Audio / D&B

	70v/100v. 8 Routable Mic/ Line Inputs. Dynamic Load Sharing between output channels for power distribution as per the load required. Control & Monitoring: Centralised Processor over IP. GPIO Option, Frequency Response: 20 Hz - 20 kHz +0.2 dB / -0.7 dB. Input Impedance: >8k balanced and >4k unbalanced. Controls & Indicators: Power, Channel MUTE buttons, Channel SELECT buttons, Channel Input signal and CLIP LED Indicators, Channel Output and LIMIT LED meters, Control knob, LCD Graphic Display. Multiple amplifiers (Min 4 Channel) can be considered to achieve the above mentioned channel requirements.			
16.	Digital Signal Processor:- Supply Installation Testing & Commissioning of Digital Signal Processing with following minimum 12 input & 8 output, capable of Expandable network I/0 channels, telephone POTS,VOIP, General Purpose IO 8 input & 8 output Dedicated Minimum 12 AEC channels with 200ms tail length , LAN Port, USB B type port ,RS232 or better. should support at least 16x16 USB Audio Channels. The processor should be able to control the third party devices mentioned in this tender. The control function can be added as either software licence or with hardware	Nos	01	Meyer Sound/ Martine Audio/QSC/Bose/Turbosound / HK Audio / D&B
17.	Touch Control Panel: Supply, Installation, testing & commissioning of Capacitive 8 inch LCD Touch Surface: In-plane switching (IPS) technology High Resolution Display: 1280x720 pixels with 400 Nits (brightness) Power Over Ethernet, Included accessories for mounting to US standard and European wall and junction boxes Ability to operate in portrait or landscape orientation	Nos	01	Meyer Sound/ Martine Audio/QSC/Bose/Turbosound / HK Audio / D&B
18.	Supply, erection, testing, commissioning of stone type outdoor weatherized box for hind the speaker with require complete with foundation, paint, mounting accessories, suitable size of hole for cable laying. etc to complete with all respects.	Job	01	Customized and as approved by client / consultant/ principal architect

Sr.	Item / Description	Unit	Qty	Approved Makes
(C) Control System				
1.	Light console with windows compatible software, 2universe license and DMX interface software and box	Nos	01	Martin of equivalent and as approved by client/consultant
2.	Supply, Installation, Testing and Commissioning of Dimmers, electrical Power, panel, UPS (Minimum 15 minutes back up), & control cables other electrical accessories with ISI standers as required	Job	01	Customized and as approved by consultant / client
3.	Construction of central control room	Job	01	Customized and as approved by consultant / client
4.	Content Devlopment: Conceptualize, design, recording, music, production of theme based show. Theme should be revolving around history of Surat Castle, Surat City, past and future of the city, SMC etc. Also indicate of History of Surat. Final approval given by client.	Job	03	As approved by the client

Sr.	Item / Description	Unit	Qty	Approved Makes
(D) Lighting system				
1.	Supply of Colour Changing RGBW Multiline Linear luminaire suitable for facade Lighting. Surface-mounted luminaire for outdoor applications. Luminaire optic consists of highly efficient, UV and temperature-resistant lens systems. Symmetric distribution. Luminaire should be made out of rubust aluminium extrusion body with bracket of size not less than 915x63x85mm. and end caps should be diecast aluminium. With toughened serigraphed glass cover, clear/powder coated. Luminaire luminous flux range 3000-3500 Lm, Fixture wattage should be atelast 60 WATT (+/- 20%) . Luminaire should in buid Controlled through Bluetooth/ Wi fi/ DMX/Ethernet protocol using Data formatting device and Controller, Controller can achieve 16.7M colours. Luminaire should be connectable with IP67 connectors in daisy chain format. Rated input supply of AC 100-277V, 50Hz. Luminaire without control unit. Light colour RGBW, LED Make : CREE / LUMILEDS / OSRAM / SEOUL/NICHIA / SAMSUNG. The luminaire should have Mean rated service life L70(tq 25 °C) = 50,000 h. Luminaire body of aluminium extruded with aluminium components. With flush-fitting cover and integral LED unit. Colour of luminaire body Grey/Silver, highly weather resistant, powder-coated. Ingress protection rating (DIN EN 60529): IP66, IK07 impact resistance level. The luminaire should be provided with Electrical safety class I. Power Efficiency : >85%, Operating Temperature : 5°C to +55°C, Operating Humidity : 10%-90%, Housing to have adjustable base bracket for angle adjustment so that the light direction can be adjusted to illuminate desired structural elements.	Nos	40	VIN/Qlite/Martin/Aura Bright Light India/Canera Light / SGM / Clay Paky
2.	Supply of Decoder for RGBW Light with 3-pin XLR, 5-pin XLR, RJ45 and green terminal DMX interface with photoelectric isolation, improve signal transmission efficiency and anti-interference ability, the green terminal also has signal amplifier function, 16 bit (65536 levels) / 8 bit (256 levels) grey level optional Input Voltage : 12~24V DC Current Load: 3A x 32CH Max Output Power : 2304W	Nos	08	VIN/Qlite/Martin/Aura Bright Light India/Canera Light / SGM / Clay Paky
3.	SITC of LED WW Linear Wall Wash 30W (+/- 20%) to light up with following technical features: Aluminium Die-casting body with surface anodic oxidation and UV stabilized toughened glass front cover, suitable for illumination of wall facade lighting; Tilt : as per requirement; IP-65 for outdoor application suitability; secondary optical lenses provided on each LED of fitting with appropriate suitable beam angle & desired effect of Facade. High Power LED Make : CREE / LUMINOUS / OSRAM / SAMSUNG / NICHIA / SEOUL / LUMILEDS, Electrical Safety Class : Class 1, Power Efficiency : >85%, Power factor : >0.9, Operating Frequency : 50 Hz, Operating temperature : -10 to +55 degree centigrade, CCT: 2000K to 3000K (WW), Output Color : Warm White, Length: 1 Meter Life Span : >50000 hours,	Nos	20	VIN/Qlite/Martin/Aura Bright Light India/Canera Light / SGM / Clay Paky

4.	Supply of Homogeneous Dot free LED Flexible Linear Light with high quality circuit design for stable and reliable performance, surface material should be made of Silicon with aluminium extrusion linear profile and other connecting accessories, Surface mounted flexible linear light suitable for facade edge lighting, Symmetric distribution. luminaire should have diffuse silicone based cover for soft illumination. Linear luminaire should have lumen flux in range of 700-900 lm per meter, Rated input supply of DC 24V constant voltage with external LED Driver, External ballast as accessory must be provided separately, Output color should be in range of multicolour (As per Site condition) , LED Make : Cree / Osram / Nichia / Lumileds / Seoul, The luminaire should have versatile optics : 120º, Mean rated service life L70(tq 25 °C) = 50,000 h. Luminaire body of aluminium extrusion with aluminium components. With flush-fitting cover and integral LED unit. Colour of luminaire body Grey/Silver, highly weather resistant/ powder-coated. Ingress protection rating (DIN EN 60529): IP68, impact resistance level should be suitable to site condition. The LED system with control gear unit is suitable for operation on direct voltage supply grids. The luminaire should be provided with Electrical safety class I. Power Efficiency : >85%, Operating Temperature : -10°C to +55°C, Operating Humidity : 10%-90%, Housing to have adjustable base bracket for angle adjustment so that the light direction can be adjusted to illuminate desired structural elements.	Mtr	150	VIN/Qlite/Martin/Aura Bright Light India/Canera Light / SGM / Clay Paky
5.	Supply of 24V DC 150W Water Proof Driver	Nos	40	VIN/Qlite/Martin/Aura Bright Light India/Canera Light / SGM / Clay Paky
6.	SITC of DMX Controller System with Standalone interfaces, Input connector: Mini USB - Mini USB cable included, Output connector: XLR 3 (XLR 5 is optional) 1:Ground, 2:Data+, 3:Data, Number of DMX Input/Output: 512 or 1024 (PC + Stand Alone), PC DMX IN triggers: Yes, Standalone DMX IN triggers: Only with 1024 interfaces, External triggers: x4 contacts (5V.) multiplexed to 15 contacts max (20m max cable length), Master/Slave connection: Yes, 3 wires for 16 connected interfaces max (20m max cable length), Infra-red connection: Yes via an external IR module (PCB) and 3 connection wires (max 15m away), Infra-red remote: Optional, DMX Speed: 1 to 45 Hz, MaB, Bk, Stand Alone mode : Yes, 512 or 1024 channels per interface, Internal Clock (RTC): Yes, Internal calendar: Yes, Backups of the internal clock: Yes, 3 weeks without power, Internal memory: Yes (4 MB), Memory Capacity: 4000 steps with 512 channels, 100 000 steps with 16 channels, Input power voltage: 5 V. via USB(USB power supply included), Input current: 80 to 200 mA, Power: 2W, Display of signal states: DMX LED + USB, LED CPU technology: 32 bit, Internal memory: Yes, Data display: 7 segments LED display, External triggers : x4 dry contacts for up to 15 multiplexed contacts Contact, Input Voltage: 5 V, Dimensions: H: 40 mm (1,57 in) / W: 110 mm(4,33 in) / D: 120 mm (4.72 in), Weight: 0,180 Kgs,	Nos	01	VIN/Qlite/Martin/Aura Bright Light India/Canera Light / SGM / Clay Paky

	Color: Black / Red, Operating Temperature: -25 to +70 C°, DMX Compatibility: 8 and 16 bit DMX fixtures, System Compatibility: Windows XP, Vista, 7, 8, 8.1, 10, MAC OS X (10.6 and +), Linux, Warranty : 5 years			
7.	SITC Programming of Lighting, cabling with Junction Box with following features: 18 SWG CRCA sheet steel enclosure. Complete with cable gland arrangement with Panel lock for fixing doors, cabling/wiring installation of lights with necessary brackets arrangements, DMX programming, including require accessories ,Cat5/6/6a, junction box, installation of lights with necessary brackets arrangements and other electrical work for Illuminate of Surat Castle	Job	01	Custom design and as approved by client / consultant
8.	Supply of LED Light for illuminated for General Lightingn, Aluminum Die-casting body with surface anodic oxidation, LEDs are protected with UV stabilized toughened glass on the front, Highly reliable constant voltage power supply drives the LEDs of fitting with appropriate suitable beam angle & desired effect of Facade, LED Make : CREE / LUMINOUS / OSRAM / SAMSUNG / NICHIA / SEOUL / LUMILEDS/PHILIPS, 18000-20000 Lumens, IP65 Ingress protection, Electrical Safety Class : Class1, Power Efficiency : greater than 85percent, Power Factor : greater than 0.9,Operating Frequency : 50 Hz, Operating temperature : 5 to +55 degree centigrade, Output Color : Warm White, CRI:70, Operating Humidity : 10percent - 90percent,	Nos	4	VIN/Qlite/Martin/Aura Bright Light India/Canera Light / SGM / Clay Paky
9.	Plastic chairs stackable	Nos	250	Godrej / Nilkamal /Cello
10.	Pipe-in-pipe earthing with 2 mtr long electrode / pipe with backfilling compount	Nos	4	Standard or as approved by client

Note: 1.

The contractor shall distinctly understand that efficiency of equipment and energy saving is one of the important aspect of consideration of tender. Hence, SMC hereby reserves its right to decide final selection of make of each equipment/machineries upon the energy saving aspect. Final options to select any particular make shall rest with S.M.C. In this regard the decision of Divisional head of the Department will be final and no dispute of the contractors will be entertained at a later date for the same.

NOTE: 2.

The make of any equipment not covered under above list shall be got approved prior to manufacture during approval of drawings

--s/d--

Executive Engineer (Heritage Cell, SMC) &
Deputy General Manager (SSCDL)

Seal & Signature of the bidder

DESIGN, SUPPLY, ERECTION, TESTING AND COMMISSIONING OF 3-D MAPPING BASED LIGHT AND SOUND SHOW:

1. Time limit to complete the capital works including trial run shall be 03 (Three) months as mentioned in work order.
2. Contractor is expected to provide a complete and end to end solution to create an ultra modern and world class light and sound show at Surat Castle.
3. The work is comprehensive in nature and includes all kind of material and labor required to complete the work.
4. The Bidders has the liberty to conceive the project at their own ideas that shall match with the international standards. Bidders are advised to visit the site, get acquainted with working conditions and gather basic information to carry out the work effectively. No dispute on later stage shall be entertained.
5. Basic minimum requirement for this show is depicted elsewhere in tender documents. However, bidder / contractor are at independence to add and install more hardware from their side for healthy, effective and flow less performance of the system for contract span of 06 years. Please note that no extra payment shall be made for such addition other than quoted rate.
6. With use of 3-D mapping, the contractor shall have to create 3 different interactive, story and infotainment based light and sound show. All the three shows shall be recorded in at least three different languages: Gujarati, Hindi and English.
7. Please note that the descriptive details of story, script and concept for each show shall be presented well in advance to SMC / SSCDL. Also, incidents / information presented in story must be fact based and must be having approved proofs for each. A committee constituted by SMC / SSCDL shall examine the facts and provide sanction to the contractor if found up to the mark. Production of final show shall be carried out afterwards only. Decision and satisfaction of the committee and SMC / SSCDL shall be treated as final and will bind contractor.
8. If any discrepancy is found in the script / presentation or if not found up to satisfaction level, contractor shall have to make necessary changes to elevate the show up to the mark and satisfaction of the client. No extra payment shall be made for such activity.
9. If any classified information / dialogue / music with copyright is proposed or used, then contractor must have to take NOC from concern agency/person for its use in proposed show. No extra payment shall be made for this either. Moreover, any legal liability shall be of contractor only.
10. Bidder has to execute concept, content, curate, calibration, 2D & 3D animation, SFX, specially composed sound track and multimedia technology etc. with 3D projection mapping depicting (Approved by client) principles with minimum duration of 15 to 20 minutes of the show.
11. The bidder / successful contractor may suggest innovative ideas regarding proposed show and its acceptance and success among the citizens.
12. Electricity required to create and run this project shall be provided by SMC. For installation/erection of electrical loads, electricity on tip of a cable shall be provided. Every other terminal installations (Fuse, MCB, Panel) etc. shall be responsibility of the contractor.
13. Surat castle is a heritage structure. Therefore, the contractor must take utmost care for building structure and its surfaces. Contractor must have to take prior approval for any installation needed

to be hang on building structure of the castle. If any damage is occurred by contractor while executing this work then the damage shall be completed on risk and cost of the contractor. Moreover, penalty based action shall be taken.

14. Any necessary approval / NOC /Certificates required to commission and run this show shall be obtained by contractor only.
15. SMC / SSCDL may add wireless headphones system of multilingual language to aid spectators of language other than the language of the show. Offered system of L&SS shall be capable of supporting such a system.
16. Dedicated earthing stations shall be in scope of contractor.
17. Each software to be used must have a licensed version and validity of at least 10 years.
18. Liasoning with any government/semi-government department related to this work during entire contract period shall be responsibility of contractor.
19. Contractor shall be responsible to construct / fabricate / provide decorative and suitable to enclosures for each speakers and/or other components placed / hanged outside. This activity shall be completed under guidance and suggestions from principal architect of the project.
20. Equipments/material used for this work shall be brand new, efficient and from approved vendors' list only. However, contractor has to take prior approval of the client / consultant for equipments /material proposed for this work. Contractor shall have to submit detailed technical specifications/ information/ technical data sheet / brochures to SMC / SSCDL for approval.
21. Contractor may take relevant insurances suitable for the equipments / installations to be made / made against damage / safety etc. Entire premium shall be paid by the contractor.
22. The erection work shall be carried out with best workmanship and relevant rules of each work. If any deficiency / poor workmanship is found by the client, contractor shall have to refurbish / re-erect the part or the entire work.
23. Construction of the control room shall be in scope of the contractor and it is included as basic minimum requirement. Control room may be designed and fabricated as elevated MS structure. Utmost care shall be taken to define the inside space of the control room so as to accommodate all the equipments with ease of access and operation. However, the size, layout, construction, fabrication shall be best in the class. Principal architect, client and consultant will approve the design / MOC / Layout and placement of the control room.
24. The prices filled in should be inclusive of all applicable duties, levies, loading, unloading, transportation, every type of labor & other unforeseen charges including GST.
25. Contractor shall have to get acquainted with all the safety rules and strictly follow them for carrying out this work. SMC/SSCDL shall not be responsible for any kind of fatal / non fatal accident(s) occur to any person associated with this work. All the legal and other liabilities under such a situation shall be of contractor only.
26. Contractor shall also have to follow fire safety rules and provide necessary equipment (Fire Extinguishers) at his own cost and for the safety of the installations.
27. Necessary barricading / scaffolding etc. required for this work shall be in scope of work of contractor.

ALL INCLUSIVE (COMPREHENSIVE) ANNUAL OPERATION AND MAINTENANCE OF 3-D MAPPING BASED LIGHT AND SOUND SHOW :

1. Operation and maintenance contract shall be of total 06 (Six) years [01 year of defect liability period + 05 years] after successful and satisfactory commissioning and trial run.
2. Operation and maintenance (here and after refer as O&M) contract is comprehensive in nature and includes skilled technicians and semi-skilled helper, material, security, safety, insurance etc.
3. No rates other than quoted shall be payable to contractor.
4. Contractor shall have to depute at least 03 personnel (02 Skilled technician + 01 Semi Skilled technician cum helper) for daily operation of the show as well as routine maintenance and repair.
5. Both the skilled technicians shall have earned bachelor's degree in Electronics / Electronics & Communication and must have an experience in similar work field for at least 02 (two) years. They must have kudos knowledge in operating the installed system, dynamic lighting, operating consoles, dimmer racks, DMX controllers, music system etc.
6. Further, semi-skilled technician must have earned a degree of electrician / wireman from relevant and approved institute and should have an experience of at least 02 (two) years in the field. He must have a knowledge regarding HT/LT electrical system, electrical panels, control panels, dimmer racks, wiring, protection etc.
7. Contractor shall be responsible to adjust weekly off of each employee deputed. But under no circumstances, less than 03 operators shall be tolerated.
8. Contractor shall have to follow all the relevant rules of labor and other laws related to such type of work. SMC / SSCDL shall not at all be responsible for any breach of the law.
9. Providing training to operate the show to designate employees of SMC / SSCDL on regular interval shall also be the part of the scope of work.
10. Contractor shall be responsible for security of the installations of this project. Under no circumstances, SMC / SSCDL shall be made responsible for any theft/damage occurred to the installations.
11. If required, contractor may take insurance for the installations of this project. However, all the premium payment and other liabilities shall be of contractor only.
12. As per requirement, SMC will run 1-2-3 shows per day. Castle remains closed on Mondays generally. But if necessity arises, SMC / SSCDL may want contractor to run shows on Mondays/holidays too. Contractor shall have to provide manpower to run shows on such occasions and no extra payment shall be made.
13. This work is comprehensive in nature. That is why all the maintenance / repair / replacement shall be responsibility and liability of contractor.
14. Under any circumstances, the show must not be off-air for more than 07 (Seven) days in a row, else strict penalty/recovery based actions shall be taken.

15. Any minor / major repair/replacement shall be completed as per schedule depicted elsewhere in tender documents. Else appropriate penalty as described under head "penalty criteria" shall be imposed on contractor.

16. Revenue earned from the show shall be property of SMC / SSCDL.

17. Contractor shall be responsible to provide "service module" of any part / console / controller / projector if taken for repair outside of the campus of the fort. All the efforts should be put so that the show doesn't stay off air.

18. All the replaced parts must resemble to and perform as original.

19. Bidder shall have to quote the rate of comprehensive operation and maintenance as per scope of work as per month basis for two categories: (a) For defect liability period (b) Post defect liability period i.e. from 2nd to 6th year. Subsequent calculations shall be made by SMC/SSCDL for entire period. This rate shall be applicable from first month of 2nd year of O&M period (After expiry of Defect liability period)

20. Following rise in quoted rate shall be paid to contractor each year after end of second year.

Sr.No.	Year of O&M	Monthly rate to be paid
1	2 nd Year (1st year after DLP)	Quoted rate
2	3rd Year	1.05 x Quoted rate
3	4th Year	1.10 x Quoted rate
4	5th Year	1.15 x Quoted rate
5	6th Year	1.20 x Quoted rate

21. Show may get cancelled due to force majeure conditions like earthquake, flood, riots, curfew, pandemic, heavy rain etc. No payment shall be made for the days show does not run. Under such conditions, payment shall be made on pro-rata basis and only for those days while shows were on.

--s/d--

Executive Engineer (Heritage Cell, SMC) &
Deputy General Manager (SSCDL)

Seal & Signature of the bidder

PENALTY CRITERIA

FOR CAPITAL WORKS

Penalty shall be imposed at a rate of 0.2% of unexecuted work per day up to 10% of total order value.

FOR ALL INCLUSIVE ANNUAL MAINTENANCE AND OPERATION WORK

Sr No	Factor Attracting Penalty	Penalty Condition
1	**Absence of Men Power**	
1.1	For skilled category person	Rs.1,000/-per day per person
1.2	For semi-skilled category person	Rs.500/-per day per person
2	**3-D mapping based show**	
2.1	Show gets cancelled due to technical fault in the system, absence of man power or any other such reason from contractor's side	Rs.10,000/- per incidence (From day 1 to day 7)
2.2	If show remains off for a period of 07 consecutive days due to technical fault, absence of manpower or any other reason from contractor's side	A penalty equal to average revenue/day of at least last three months will be levied each day from 8th day.
3	**Poor Maintenance**	
3.1	If L&SS is in working condition but its part / sub-part is not working	
3.1.1	Rs.500/- per day	from the 16th day to 30th day .
3.1.2	Rs.1000/- per day	from the 31th day to 45th day .
3.1.3	Rs.2000/- per day	After 45 Days penalty will be applied for whole period of not working of machinery.
4	If staff members of contractor are found without wearing uniform and I-Card	Rs.100/- per incidence per person

NOTE: For any other incidence / situation, the penalty as decided by the undersigned shall be applicable and binding to contractor.

--s/d--

Executive Engineer (Heritage Cell, SMC) &
Deputy General Manager (SSCDL)

Seal & Signature of the bidder

(1)	General Description of the Work	:	DSITC of 3-D projection mapping based light and sound show with 6 years of comprehensive operation and maintenance
(2)	Estimated Cost	:	**----**
(3)	Earnest Money Deposit	:	**RS. 12,00,000/-**
(4)	Security Deposit		
	(i) Initial Security Deposit	:	Rs. 2% of the Tender Value.
	(ii) To be deducted from R. A. Bills	:	--------
	Total Security Deposit	:	Rs. 2% of the Tender Value.
(5)	Time allowed for the completion of the Work from date fixed in Work Order Letter to commence	:	**CAPITAL WORK:** **3 (THREE) months for Capital Works**, including monsoon **O&M WORK:** **6 (SIX) Years for O&M Contract including DLP**
(6)	Compensation for delayed Work	:	(1) Capital Works: 0.2 % (Zero point Two percent) of the Tender Value per day, maximum up to 10 % (Ten percent) of the Tender Value for uncompleted portion of work. (2) O&M Work: Total O&M contract is of 6 years. Max. Penalty limit restriction applies for every year. Maximum 10% penalty on total contract value of 01 (one) year will be recoverable per year. It translates that penalty calculation & max. Penalty shall be computed every year separately.
(7)	The progress of the Work shall confirm to the following schedule	:	---------
(8)	Defect Liability Period (Capital)	:-	1(One) year from the date of handing over entire work to SMC
(9)	Electricity	:-	Shall be provided by SMC

--s/d--
Executive Engineer (Heritage Cell, SMC) &
Deputy General Manager (SSCDL)

Seal & Signature of the bidder