

To,
All Contractors/ Bidders / Tenderer

Sub :- Clarification of Queries for Pre-Bid meeting

Name of Work :- Tender for supply, installation, testing and commissioning of fire fighting System such as fire hydrant system, sprinkler system and addressable fire Detection & alarm system at Shri Saibaba Sansthan Trust, Shirdi (SSSTS), Tq. Rahata, dist. Ahmednagar

Ref: Pre Bid Meeting Date 18-March-2021,

Tender Reference No. SSST/Fire and Safety/2021/14/Fire Fighting System

Tender ID : 2021_SAI_658271_1

Dear, All Contractors/ Bidders / Tenderer

1. The pre-bid meeting of the above mentioned work was held on 18/03/2021 at 11.00 am in Sai Sabhagruh Hall Shirdi. And queries received by us via email.
2. The replies / Correction /Modifications / Deletion /Addition / Read as / Clarification to the various queries along with corrigendum containing correction to the tender documents are enclosed herewith, which will be the part of the tender and agreement.
3. You are requested to submit this common set of deviations duly signed along with the tender document. If it is not submitted then it will be presumed that you have accepted these additional clarifications and your tender will be opened.

Clarification of Queries:

Sr. No.	Name of Contractors/ Bidders / Tenderer	Page No.	As per points of Bidder / Tenderer	Correction / Modifications / Clarification / Deletion / Addition / Read as
1	H D Firecon Techno Pvt. Ltd.	Page No. 73 Part – 2 Sprinkler- Sr. No. 6- GI Pipe	Rate of GI above ground pipe is given as 2145/- Per RMT and on page no:74 S. No; 7 Rate of GI below ground pipe is also 2145/-- per RMT. Please confirm the rate of Excavation to be done for underground pipes and quantities for the same	The rate of GI pipe is same and the rate of Excavation is given separately on page No. 78 It No. 28

Sr. No.	Name of Contractors/ Bidders / Tenderer	Page No.	As per points of Bidder / Tenderer	Correction / Modifications / Clarification / Deletion / Addition / Read as
2	H D Firecon Techno Pvt. Ltd.	Page No: 79 S. No: 03,13-2-3	Main pump for hydrant system is considered multi stage at 105 Meter head. Sr. No: 04, 13-3-1 jockey pump is considered 240 LPM @ 56 meter head, whereas main pump for sprinkler system is considered @ 76 meter head. And as per Si. No: 7 NDR, Diesel engine is also considered @ 56 meter head. So we strongly recommend that head for all the pumps should be equal. Please confirm the same	As per your queries Point No. 2 please considers Diesel engine head same as main pump (105 Mtr Head), rest will be the same as mentioned in the tender due to variations in building height.
3	H D Firecon Techno Pvt. Ltd.	Part 3 Addressable Fire Alarm and smoke detection system	Page no: 84 S. No: 01 NDR, Main fire alarm control panel's specification does not proved or mentioned the loop capacity. Require clear specification to avoid further : confusion. 'Loop of the main fire alarm Panel is based on the total devices i.e. Detectors, Hooters, MCP etc	Please provide spacing of 12 loops in panel and provide specific loop as devices mentioned in the BOQ. Other spacing of loops is mention for our future planning.
4	Ultra Firetech Systems Pvt. Ltd.	FIRE ALARM SCOPE”	Specification Document mentions requirement of VDS approved FAS system, whereas FAS BOQ asks for UL listed FAS. Which system to offer?	Every system should be UL listed and FM Listed Both in Detection and Sprinkler System
5	Ultra Firetech Systems Pvt. Ltd.	BOQ Point no. 2,3 Page No. 84 Technical Specification point no. 4.1.1 Page No.103	Specification Sheet: "Detectors are to be addressed by inserting coded plastic card in mounting base of detector" Either addressing of detectors & devices is done using handheld Device programmer [for UL systems] or its done automatically by panel in VDS FAS system Either way - use of coded plastic card is not required & not recommended.	Every fire Alarm system should be specified with ISI Mark & test certificate. use of coded plastic card is required as per IS norms.
6	Ultra Firetech Systems Pvt. Ltd.	Common in all detector and devices	Whether Detectors/devices/Modules require inbuilt isolators?? Also, FAS BOQ mentions additionally separate Isolator modules requirement. Why Both are required as it will cause duplication?	Additionally separate Isolator modules will installed only if required
7	Ultra Firetech Systems Pvt. Ltd.	Common in all detector and devices	Whether IP 54 or IP 44 any other Ingress Protection category is actually required for detectors? & Operating temperature of detectors is mentioned as -40 degree to +70 Degree centigrade. Why is this needed as application is not in extreme climate but the Detectors are meant for ceiling mounting indoor application, in typically dry & indoor area only.	This provision of smoke detector is also providing in Temple Premises so specification are given accordingly.

Sr. No.	Name of Contractors/ Bidders / Tenderer	Page No.	As per points of Bidder / Tenderer	Correction / Modifications / Clarification / Deletion / Addition / Read as
8	Ultra Firetech Systems Pvt. Ltd.	BOQ Point no. 3 Page No. 85 Technical Specification point no. 4.1.5iv Page No.104	Specs mention: "The sensitivity of the smoke detector should be 2.1 %/m for gray smoke and can be adjusted from 1.4%/m to 2.4 %/m depending on the site conditions by the operator". Usually sensitivity for UL 268 7th edition listed multi sensor detectors : Sensitivity range supported is as below: 3.52 - 4.17 %/ft OR 3.52 - 4.27 %/ft OR 2.32 - 2.84 %/ft	This provision of smoke detector is also providing in Temple Premises so specification are given accordingly.
9	Ultra Firetech Systems Pvt. Ltd.	BOQ Point no. 1 Page No. 84 Technical Specification point no. 4.2 Page No.106	Panel specification does not mention anything regarding redundant CPU but FAS BOQ asks for redundant CPU card	Please Refer Specification as per BOQ
10	Ultra Firetech Systems Pvt. Ltd.	BOQ Point no. 1 Page No. 84 Technical Specification point no. 4.2.3n Page No.107	It is recommended that Panel should support DEGRADE MODE feature to overcome CPU failure issue. Provision for BMS interface: Whether BACNET over IP or MODBUS protocol needed for this integration?	Both are applicable
11	Ultra Firetech Systems Pvt. Ltd.	BOQ Point no. 1 Page No. 84 Technical Specification point no. 4.3.1 Page No.107	Networking of panels is mentioned as requirement in specification; however shared FAS BOQ has only single FAS PANEL.	Please Refer Specification as per BOQ
12	Ultra Firetech Systems Pvt. Ltd.	BOQ Point no. 1 Page No. 84 Technical Specification point no. 4.1.1 Page No.103	What is no of loops required for Panel? Why are 18 no Loops required when actual address count in shared FAS BOQ is less than 275. Also Loop capacity is mentioned as 126 addresses.	Please provide spacing of 12 loops in panel and provide specific loop as devices mentioned in the BOQ. Other spacing of loops is mention for our future planning.
13	Ultra Firetech Systems Pvt. Ltd.	BOQ Point no. 3 Page No. 85 Tech.Specification point no. 4.1.4v Page No.103	VDS approved operating modes are asked for multi sensor detector. As BS standard is acceptable EN-54 approved modes should be acceptable	As BS standard is acceptable EN-54 approved modes should be acceptable
14	Ultra Firetech Systems Pvt. Ltd.	BOQ Point no. 2 Page No. 84 Tech. Specification point no. 4.1.5 Page No.104	VDS approved operating modes are asked for Smoke detector. As BS standard is acceptable EN-54 approved modes should be acceptable	As BS standard is acceptable EN-54 approved modes should be acceptable

Sr. No.	Name of Contractors/ Bidders / Tenderer	Page No.	As per points of Bidder / Tenderer	Correction / Modifications / Clarification / Deletion / Addition / Read as
15	Ultra Firetech Systems Pvt. Ltd.	Technical Specification point no.4.1.7 Page No.105	VDS approved operating modes are asked for multi detector. As BS standard is acceptable EN-54 approved modes should be acceptable.	As BS standard is acceptable EN-54 approved modes should be acceptable
16	Ultra Firetech Systems Pvt. Ltd.	BOQ Point no. 1 Page No. 84 Technical Specification point no. 4.2.2 Page No.106	FAS with touch screen is asked.	Now touch screen is available in UL system but it is not compulsory
17	Ultra Firetech Systems Pvt. Ltd.	Technical Specification point no.4.2.3f Page No.107	clarity required what exactly is required	Every device networking is required in the panel
18	Ultra Firetech Systems Pvt. Ltd.	Technical Specification point no.4.2.3m Page No.107	what exactly is required by cloud based remote programming --- whether panel should be connected to cloud	Yes
19	Ultra Firetech Systems Pvt. Ltd.	Technical Specification point no.4.2.3g Page No.107	Why multiple printer port required. Whether printer required	Printer is not required
20	Ultra Firetech Systems Pvt. Ltd.	Technical Specification point no.4.2.3i Page No.107	clarity required what exactly is required	Panel has automatic detector test
21	Ultra Firetech Systems Pvt. Ltd.	Technical Specification point no.4.2.3 O Page No.107	USB interface required on the panel?	Not required

–FIRE Protection System SCOPE

22	Ultra Firetech Systems Pvt. Ltd.	BOQ Point no. 4.3 Page No. 66 Technical Specification point 92	SITC of Fire Brigade Inlet Connection of 6 way,63mm given in BOQ & 4 way mentioned in the Technical Specifications	Read as 6 way
23	Ultra Firetech Systems Pvt. Ltd.		SITC of Single headed hydrant valve GM or SS??	Single outlet hydrant valve is stainless steel
24	Ultra Firetech Systems Pvt. Ltd.		SITC of Sprinkler 68 deg C, pendent & Sidewall K factor not mentioned.	K factor is as per specify in IS Slanderred
25	Ultra Firetech Systems Pvt. Ltd.		SITC of Main Fire Pump-Hydrant Pump 2800LPM @105m head given as per BOQ point no.3,page no.79 & as per technical specification Pump capacity is 340Cum/hr @120m head Please confirm what is to be followed	Head same as main pump (105 Mtr Head), rest will be the same as mentioned in the tender due to variations in building height.

Sr. No.	Name of Contractors/ Bidders / Tenderer	Page No.	As per points of Bidder / Tenderer	Correction / Modifications / Clarification / Deletion / Addition / Read as
26	Ultra Firetech Systems Pvt. Ltd.		SITC of Jockey Pump of capacity 240LPM @56m head given as per BOQ point no.4,page no.79 & as per technical specification Pump capacity is 340Cum/hr @120m head. Please confirm what is to be followed.	Jockey Pump of capacity 240LPM @56m head is consider
27	Ultra Firetech Systems Pvt. Ltd.		SITC of Sprinkler Pump 2800LPM @76m head given as per BOQ point no.6,page no.79 & as per technical specification Pump capacity is 340Cum/hr @120m head. Please confirm what is to be followed.	Sprinkler Pump 2800LPM @76m head is consideration.
28	Ultra Firetech Systems Pvt. Ltd.		SITC of Diesel Driven Fire Pump of capacity 1450LPM @56m head given as per BOQ point no.7,page no.80 & as per technical specification Pump capacity is 340Cum/hr @120m head. Please confirm what is to be	Please consider Diesel engine head same as main pump (105 Mtr Head),
29	Ultra Firetech Systems Pvt. Ltd.		As per BOQ heat exchanger cooled diesel engine pump required & as per technical specifications Water cooled & should include radiator is given.	Heat exchanger is required
30	Ultra Firetech Systems Pvt. Ltd.		Fuel tank capacity given in BOQ is 200litres 2 nos. & as per Technical Specifications it is given 500 liters.	Fuel tank capacity should be expandable upto 500 Ltr.
31			Detailed drawings required for our reference.	We will upload drawings in PDF format on portal
32	Extinct Fire Engineers Pvt. Ltd		Drawings not available in tenders. We request you to kindly share us the auto cadd drawings	We will upload drawings in PDF format on portal
33	Extinct Fire Engineers Pvt.		Kindly update us, where client will provide us the space for Store , fabrication yard , site office and location need to be clear.	The client will provide only the space for Store, fabrication yard space at site.
34	Extinct Fire Engineers Pvt.		Payment terms not clear in percentage, we request you to make the below payment terms:- PAYMENT TERMS (FOR SUPPLY): 1. 30% of the PO value as advance against LOI with bank guarantee. 2. 65% of the PO value within 07 days of supply of material at site on pro-rata basis. 3. 5% of the PO value against Testing & commissioning of Material. PAYMENT TERMS (FOR INSTALLATION): 1. 30% of the WO value as advance along with order. 2. 65% of the WO value within 07 days of erection of material at site on pro-rata basis. 3. 5% of the WO value against Testing & commissioning of the Systems	Payment terms will same as mentioned in the Tender and there will be no change in payment terms.

Sr. No.	Name of Contractors/ Bidders / Tenderer	Page No.	As per points of Bidder / Tenderer	Correction / Modifications / Clarification / Deletion / Addition / Read as
35	Extinct Fire Engineers Pvt.		Is there any existing Fire fighting / Fire alarm system available at site? Please share the details if any	There is some existing Hydrant system only is available at site You can visit the site and confirm it.
36	Extinct Fire Engineers Pvt.		The Location of the working area is not clear. Kindly share drawings highlighting the same	We will upload drawings in PDF format on portal
37	Extinct Fire Engineers Pvt.		Material inspection (Third party inspection) required or not.	Physical third party inspection is not required, But test certificate will be required of every item.
38	Extinct Fire Engineers Pvt.		We Extinct Fire Engineers comes under MSME and we have UAM certificate, Are we exempted from EMD & Tender Fee?	EMD Exemption Certificate will not be accepted
39	Extinct Fire Engineers Pvt. Ltd	Queries for BOQ		
40	Extinct Fire Engineers Pvt.		200 and above dia pipe thickness not mentioned , can we consider 6.00 mm	Thickness will be consider 8 mm,
41	Extinct Fire Engineers Pvt.		Pump is positive suction or Negative suction, if negative suction then please give NPSH	Pump is positive suction
42	M/s Vasu Infosec Pvt. Ltd		As per Circular regarding Bid Security / EMD, published by Govt. of India Ministry of Finance Department of Expenditure Procurement Policy Division dated 12 th Nov. 2020 Valid up to 31/12/2021. This circular is applicable for the all type of Govt. tenders. As we are MSME registered vendor, but in subject tender there no provision given for exemption of EMD/Security Deposit for the MSME bidder. Kindly Clarify	EMD Exemption Certificate will not be accepted
43	M/s Vasu Infosec Pvt. Ltd		As per drawing index given in tender page no. 119 to page no. 120, there is no drawing available in whole NIT . kindly clarify	We will upload drawings in PDF format on portal
44	M/s Vasu Infosec Pvt. Ltd		The given Fire alarm system is UL approved or Non- UL. Kindly clarify	The given Fire alarm system is UL approved
45	M/s Vasu Infosec Pvt. Ltd		Kindly Incorporates the EDWARD (EST) Make for addressable fire alarm System	Make for addressable fire alarm System as per

				list of Make provided in Tender Document
Sr. No.	Name of Contractors/ Bidders / Tenderer	Page No.	As per points of Bidder / Tenderer	Correction / Modifications / Clarification / Deletion / Addition / Read as
46	M/s Vasu Infosec Pvt. Ltd		Is material for single outlet hydrant valve of gun metal or stainless steel? Please confirm the material of single outlet hydrant valve	Material for single outlet hydrant valve is stainless steel
47	M/s Vasu Infosec Pvt. Ltd		Is material of branch pipe of gun metal or stainless steel? Please confirm the material of branch pipe.	Material for single outlet hydrant valve is stainless steel
48	M/s Vasu Infosec Pvt. Ltd		Is RRL (Reinforced Rubber Lined) hose pipe of Type A or Type B. Kindly confirm	RRL (Reinforced Rubber Lined) hose pipe of Type A
49	M/s Vasu Infosec Pvt. Ltd		The rates for the items like pipe and civil work – Brick Masonry Chamber are low. Kindly look into this.	No changes will be done.
50	Life Line Fire Services Fire Safety		The BOQ and Specification given is not matching in Sprinkler System	Specification is UL & FM listed
51	Life Line Fire Services Fire Safety		The Specification shows 4 way and BOQ is 6 way	Read as 6 way
52	Life Line Fire Services Fire Safety		Diesel pumps specification and BOQ not matching in terms of cooling system.	Every Pump has different cooling system. You can work accordingly.
53	Life Line Fire Services Fire Safety		Detection system required UL of RL. 18 Loop panel for 300 detection which is not correct.	Please provide spacing of 12 loops in panel and provide specific loop as devices mentioned in the BOQ. Other spacing of loops is mention for our future planning.
54	Life Line Fire Services Fire Safety		If you go for UL system the complete BOQ will change kindly clarify	We have already considered UL system in BOQ.
55	Life Line Fire Services Fire Safety		Multiple USB ports required which will increase the cost, you can have one which is already in the panel	Provision of Multiple USB ports required for future planning
56	Life Line Fire Services Fire Safety		Required Touch screen which is not in UL system	Now touch screen is available in UL system.
57	Suyash Engineering Company		Qualifying requirement for bidder: We were unable to renew the license in time.	We will consider only valid license copy.

58	M/s Vasu Infosec Pvt. Ltd		Physical submission of original D.D.for additional security deposit and attested copies of all uploaded documents.	Performance Security Deposit: If the offer quoted is more than 10 % below the estimated cost put to tender, then the amount of Demand draft shall be 1 % plus the percentage by which tender offer is more than 10 % below the estimated cost (For example: - If the quoted offer is 14 % below then the amount of Demand draft shall be 1 % plus 4 % (14 % -10 % = 4%) total 5 % of the estimated cost put to tender).
		Page no 11	Performance Security Deposit: If the offer quoted is more than 10 % below the estimated cost put to tender, then the amount of Demand draft shall be 1 % plus the percentage by which tender offer is more than 10 % below the estimated cost (For example: - If the quoted offer is 14 % below then the amount of Demand draft shall be 1 % plus 4 % (14 % -10 % = 4%) total 5 % of the estimated cost put to tender). [Ref G.R No.BDG 2016/Case No.2/Bldg-2 dt.12.02.2016]. Upload Scan Copy of Demand Draft in Envelope No. 2 and the original Demand Draft, in sealed envelope with the name of work and tender number written on it, shall be submitted to the Chief Executive Officer , Shri Saibaba Sansthan Trust, Shirdi., within 5 Working days from the last date of submission of tender.	The additional security deposit shall be paid by contractor within 7 days from the date of work order in the form of RTGS /D.D.drown on any of the nationalized bank in the name of Chief Executive Officer shri saibaba sansthan trust shirdi ,payable at shirdi.

(Pratap Kote)
Fire officer

(Atul Wagh)
Mechanical Incharge

(DR.Akash Kisce)
Administrative Officer

(Babasaheb Ghorpade)
Cheif Account Officer & Administrative Officer

(Ravindra Thakare)
Dy.Chief Executive Officer

(Kanhuraj bagate,I.A.S.)
Chief Executive Officer,
Shri Saibaba Sansthan Trust, Shirdi

