



STATE BANK OF INDIA
PREMISES & ESTATE DEPARTMENT, LHO MUMBAI METRO
3RD FLOOR, SYNERGY BUILDING, G- BLOCK,
BANDRA KURLA COMPLEX, MUMBAI-400 051

TENDER ID: MUM20241201

APPLICATIONS FOR EMPANELMENT OF
UPS OEMS (ORIGINAL EQUIPMENT MANUFACTURERS)
FOR SBI BRANCHES/OFFICES/ATMS UNDER CONTROL OF
MUMBAI METRO CIRCLE.

The vendor should have a valid digital signature to participate in the online tendering process

TENDER SUBMITTED BY:

NAME	:	_____
ADDRESS	:	_____

GSTIN NO	:	_____
E-MAIL ADDRESS	:	_____
DATE	:	_____
MOBILE NO.	:	_____



EMPANELMENT NOTICE

State Bank of India, LHO Mumbai Metro circle invites online applications from Original Equipment Manufacturers of UPS having offices and service facilities in Mumbai for Empanelment of UPS OEMS (Original Equipment Manufacturers) to State Bank of India Branches and Offices under LHO Mumbai Metro Circle.

1	Empanelment application form available for download from the websites:	1) https://www.sbi.co.in under "SBI in the News" link "Empanelment of vendors" 2) " https://etender.sbi/SBI "																					
2	Availability for download from the above websites	From 02.12.2024 to 23.12.2024																					
3	Last date and time for submission of online applications in e-tender portal	23.12.2024 by 3.00 P.M.																					
4	Portal for submission of applications	" https://etender.sbi/SBI "																					
5	Date and Time of opening of online applications:	23.12.2024 at 3.30 P.M.																					
6	For any queries or support in connection with the online Submission of applications, please contact our E-procurement solutions agency	<p>e-Procurement technologies Limited, Ahmedabad:</p> <p style="text-align: center;"><u>For e-Tender Support for Bidders</u></p> <table border="1"><tr><td>Dinesh Bagresha</td><td>Dinesh.bagresha@eptl.in</td><td>9510812960</td></tr><tr><td>Nandan Valera</td><td>Nandan.v@eptl.in</td><td>9081000427</td></tr><tr><td>Khushboo Mehta</td><td>khushboo.mehta@eptl.in</td><td>9510813528</td></tr><tr><td>Pooja Shah</td><td>Pooja.shah@eptl.in</td><td>9328931942</td></tr></table> <p style="text-align: center;"><u>For Registration / DSC Verification / Profile Approval:</u></p> <table border="1"><tr><td>Sonu Tank</td><td>Sonu@abcprocure.com</td><td>63532 17080</td></tr><tr><td>Satabdi Dey</td><td>Satabdi@abcprocure.com</td><td>90990 90830</td></tr><tr><td>For Escalations</td><td>info@abcprocure.com</td><td>07968136866 6353217080</td></tr></table> <p>For any Guidance/ Assistance of event submission, Please contact on above numbers or download the manuals from website homepage https://etender.sbi/SBI to know the Minimum system requirement, DSC settings, and submission process.</p>	Dinesh Bagresha	Dinesh.bagresha@eptl.in	9510812960	Nandan Valera	Nandan.v@eptl.in	9081000427	Khushboo Mehta	khushboo.mehta@eptl.in	9510813528	Pooja Shah	Pooja.shah@eptl.in	9328931942	Sonu Tank	Sonu@abcprocure.com	63532 17080	Satabdi Dey	Satabdi@abcprocure.com	90990 90830	For Escalations	info@abcprocure.com	07968136866 6353217080
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7	SBI reserves the right to accept or reject any or all applications without assigning any reasons Thereof, even after opening and no claim or correspondence shall be entertained in this regard																						
8	For Clarifications Please Contact: 022-26445665/5645 , agmpe.lhomum@sbi.co.in .																						

**The Asst. General Manager (P&E)
State Bank of India**



**EMPANELMENT OF UPS OEMS (ORIGINAL EQUIPMENT MANUFACTURERS) FOR
SBI BRANCHES/OFFICES/ATMS UNDER CONTROL OF MUMBAI METRO CIRCLE**

State Bank of India invites applications from Original Equipment Manufacturers with offices in Mumbai and having service facilities at various locations of Mumbai/Thane/ Navi Mumbai for empanelment of UPS Manufacturers (OEMs) for supply & installation of various capacities of ON-LINE UPS to our branches and offices in Mumbai. Applicants who fulfill the eligibility criteria as detailed below need to apply. Duly completed applications in the prescribed format with required documents etc. should be submitted online before last date of submission.

SCOPE OF THE WORK:

Supply, Installation, Testing and commissioning of ONLINE- UPS systems along with Batteries of various ratings up to 30KVA to Branches/Offices spread all over LHO Mumbai. Providing technical support during breakdowns, warranty period and Comprehensive Annual Maintenance contract. (For UPS/ UPS with batteries).

ELIGIBILITY CRITERIA

1. Only Original Equipment Manufacturers (OEM) will be considered. The applicant should have sufficient number of technical and administrative employees. The applicant should submit their credentials along with a list of employees, contact details etc.
2. The firm must be at least Seven years old as on 31st October 2024 and copy of Company's Certification of Registration should be enclosed.
3. The firm must be Empanelled with PSU/Govt. Organizations/ Semi Govt. Department/ Nationalised Banks
4. The firm must have valid PAN No, GST Registration
5. The Firm/ OEM should have supplied similar rated capacity (in all ratings up to 30 KVA) in PSU Banks/ Financial Institutions/State and Central Govt. Organizations. The work order must be in the name of the OEM and not through the dealers. (Work orders and work completion certificates to be enclosed.)
6. The firm has Average annual financial turnover during the last 3 years ended 31.03.2024 should not be less than Rs.5.00 crores per year in similar activities (in case companies with multiple business interests) and enclose the a proof of the following documents need to be submitted: Form No:3CB/3CB/ST-3/ Sales Tax returns/Traces form No:26AS, the valid documents viz Copy of Income tax return, audited Profit & Loss Account and Balance sheet for the last 3 years.
7. The firm must have Valid ISO Certificates



8. The firm must have full-fledged offices in Mumbai/ Thane/ Navi Mumbai/ Raigad/ Palghar. The list of service center with Contact details and staff details must be attached.
9. The firm must have a valid digital certificate.
10. All requisite testing equipment and facilities should be available at the factory to carry out the testing of the equipment thereat.
11. The Firm must comply to Bank's Technical terms and AMC conditions
12. The Firm must enclose the solvency certificate not less than Rs 1 Crore

Interested and eligible firms may submit the applications duly filled with all attested copies of the necessary certificates and documents as per the enclosed Checklist in online portal <https://etender.sbi/SBI> on or before the stipulated date and time. The Bank reserves the right to accept or reject any or all applications without assigning any reason thereof.

Assistant General Manger (P&E)
LHO Mumbai Metro

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GENERAL CONDITIONS:

- a. Preference will be given to those who have history of timely completion of works of similar nature, taken up by them during the last 7 years.
- b. Those who are earlier empaneled by the Mumbai Metro Circle of the Bank need to apply afresh
- c. The Bank's officials or their authorized representatives will visit your manufacturing unit(s)/factory to inspect about the facilities available for manufacturing and testing of the equipment before finalizing for empanelment. The decision of the committee as regards to suitability of the vendor is final.
- d. The applicant shall agree and authorize the Bank to obtain the confidential report from the clients to verify the work executed by them.
- e. This empanelment shall be valid for the entire Mumbai Metro Circle of SBI for a period of **three years** from the date of empanelment. The Bank may review/ update the panel during its validity period at any time(s) and may exclude/ de-list any firm from the empaneled list depending upon the instances warranting such exclusion at the sole discretion of the Bank
- f. Bank reserves the right to de-panel the UPS vendor at any stage during the validity period based on their performance and feedback from the branches/RBO/AO under Mumbai Metro circle.
- g. Any OEM de-listed earlier by the Bank are in-eligible and they need not apply
- h. Bank will conduct e-tendering from the short listed panel as per requirement as and when required and no separate notification will be published in the newspaper. Technically qualified vendors from e-tendering through Bank's website 'www.sbi.co.in' are only allowed to participate in e-reverse auction for the realization of rates for ON-LINE UPS systems of various ratings through Bank's Empaneled agency
- i. Bank is not responsible for the late receipt due to any online delay, strikes or any other reasons. The incomplete application is liable to be rejected summarily.
- j. Bank reserves the right to accept or reject any or all applications without assigning any reasons. If at any stage the information furnished by the applicant is found to be incorrect at a later stage; he shall be liable to be debarred from participating in the tender.
- k. In case discrepancies are found in the information submitted, the application shall be considered unsatisfactory and the tenderer will not be eligible to bid. The State Bank of India will not enter into any correspondence with tenderer except seek clarification when necessary. The decision of the State Bank of India to accept or reject any application for pre-qualification will be final.
- l. The service centers with contact details if any in Mumbai, Thane, Navi Mumbai, Raigad and Palghar cities with sufficient spare parts and technically qualified service technicians to provide prompt services and regular preventive maintenance. Firm should submit the contact details with escalation structure.



CHECK LIST

<u>Name of the UPS Vendor</u>	<u>EMPANELMENT OF UPS OEMS (ORIGINAL EQUIPMENT MANUFACTURERS) FOR SBI BRANCHES/OFFICES/ATMS UNDER CONTROL OF MUMBAI METRO CIRCLE</u>
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Enclosure:

Sl. No.	Particulars	Submitted Yes/ No
1	Applications duly filled and signed	
2	Declaration from the applicant duly signed and filled	
3	Firm Registration	
4	PAN/GST/TIN registration	
5	Copy of Registration of Company	
6	I.T. Registration and Assessment order	
7	ISO certification	
8	Balance Sheet and Profit & Loss Account for the last 3 years from Chartered Account, consolidated audited turn over, solvency certificate	
9	Copies of Empanelment and registration details with other Dept. /Organization	
10	Work Completion Certificates	
11	List of Technical / Administrative personnel employed with contact details	
12	List of service centers and offices in Mumbai with address	
13	GST Registration for the state of Maharashtra	
14	Testing Equipment and Facilities available at Manufacturing Factory	
15	Declaration of not Depanel/ Debarred from any other Company/	
16	Bank's Technical Parameter Compliance Annexure- A, B & C	
17	All Annexures D,E,F, G, H, I, J K	
18	Escalation Matrix	
19	Solvency Certificate	

Signature of the applicant(s) with seal:

Date:
Place:

EMPANELMENT OF UPS OEMS (ORIGINAL EQUIPMENT MANUFACTURERS) FOR SBI BRANCHES/OFFICES/ATMS UNDER CONTROL OF MUMBAI METRO CIRCLE

Technical Specifications for on-line UPS systems from 2 KVA to 25 KVA

S. No	PARAMETER	Bank SPECIFICATION	Complied (Yes/No)
1.	Technology	<p>2KVA- 5KVA (1Phase- 1 Phase) UPS systems with pulse width modulation (PWM) technology in True On-line Configuration, with double conversion using IGBTs in the Inverter and converter with inbuilt isolation transformer.</p> <p>7.5 KVA- 25 KVA (3Phase- 1 Phase) a) UPS systems with pulse width modulation (PWM) technology in True On-line Configuration, with double conversion using IGBTs in the Inverter and converter.</p> <p>b) Provision for configuring two or more UPS system in parallel load sharing mode. Maximum Three nos UPS system can be connected in parallel configuration in one cluster.</p> <p>c) The requirement is for fully rated capacity of single module in parallel with similar module sharing the load having provision for adding one or two modules of similar units. Paralleling of UPS should be achieved by paralleling the output on the power side using control logic signal bus. Each UPS should be capable of individually starting, running and feeding to the load apart from parallel operation.</p> <ul style="list-style-type: none"> ✓ Individual battery backup is necessary. ✓ Inverters should be synchronized with common by pass supply if required 	
2.	Inversion Technique	Adaptive pulse width modulation or sine weighted pulse width modulation with high switching frequency (> 12 KHZ for IGBTs).	
3.	Input Voltage	<p>2 KVA-5 KVA 230V AC Single Phase system, Phase + neutral up to 5KVA UPS. There should be input to output isolation through an inbuilt/ separate isolation transformer.</p> <p>7.5 KVA- 25 KVA 415 Volts AC three phase + Neutral. There should be input to output isolation through an inbuilt/ separate isolation transformer</p>	

S. No	PARAMETER	Bank SPECIFICATION	Complied (Yes/No)	
	Voltage Range	-30% +20%		
	Frequency	45 Hz to 55 Hz and it should be compatible with D G Set.		
	Total Harmonic Distortion (THD)	≤ 5% for Non-linear load.		
	Harmonic Distortion (Input Current)	2 KVA-5 KVA : ≤ 10% at 100% load. 7.5 KVA- 25 KVA : ≤ 8% at 50% load. ≤ 5% at 100% load.		
	PF	The UPS shall be provided with Auto input P.F. correction system to obtain P.F. 0.99 to unity when the connected load P.F. varies from 0.6 to unity.		
4.	Output	Power	continuously deliver rated KVA at 100% load any power factor	
		Voltage	230V + Neutral up to 25 KVA, 415VAC ,3phase, 50HZ 20KVA UPS and above	
		Voltage Regulation	± 1%	
		Frequency	50HZ	
		Frequency tolerance	50 Hz +/- 4% (Synchronous to mains) 50 Hz +/- 1% (Free running)	
		Frequency tolerance (battery mode)	± 2%	
		Crest factor	3:1	
		Wave form	Pure Sine wave at 33%,66% and 100% load(RL OR RLC)	
5.	Bypass (static & Manual)	Voltage	230V with Neutral up to 25KVA UPS. 415V, 3Phase, 50HZ, 4 wire above 25KVA	
		Voltage Range	± 15%	
		Frequency	50HZ	
		Frequency tolerance	50HZ ± 2%	
6.	Battery	Type	Sealed Maintenance Free Lead Acid	
		Make	Amron Quanta / Exide power safe / Panasonic / Rocket/ HBL Note : Only Valve Regulated Lead Acid (VRLA) type SMF batteries of 20 HR rated capacity electrolyte in paste form are acceptable. Any other type including calcium batteries are not acceptable.	
		Back up time	As specified In NIT	

S. No	PARAMETER		Bank SPECIFICATION			Complied (Yes/No)	
		Minimum AH	As specified in the below tabular form				
		Battery Bank	Number of Batteries and each battery AH rating to be specified. Rack requirement as per site conditions.				
		Recharge Time	6-8 hours				
7.	Indications	LCD Display	Input/ output voltage & frequency				
			Load in VA & watts				
			Battery Voltage and battery level indicator				
			Load level, indicator, load current percentage				
			Self-test, temperature				
			Diagram will indicate the status of the rectifier , inverter, battery and output				
8.	Indications	LED Display	Fault indicator				
			Bypass Indicator				
			Inverter Indicator				
			Battery Indicator(state of battery)				
			Input power Indicator				
9.	Overload capacity	110% for 10 minutes	During the test or actual condition, the load should not get transferred to mains through static switch.				
		150% for 10 Seconds					
10.	Transient response and voltage recovery time for step load		For 100% Step load i.e. from full load to no load and no load to full load :.Dip < 3% Peak < 3% with recovery time within 3 cycles to normal output voltage.				
11.	<p>Efficiency: It is the ratio of output power in KW of UPS to the input power to the isolation transformer & UPS with battery disconnected, or, battery charging power added to the output.</p> <p>The overall efficiency is found to be less than the Bank's specified value, the UPS is to be rejected and replacement passing the test to be obtained. No further tolerance is permissible.</p>		Minimum overall Efficiency at % load				
				At 100% i.e full load	At 66%		At 33% load
			2 KVA-5 KVA (1Ph-1Ph)	88%	86%		84%
			7.5 KVA- 10 KVA (3Ph-1Ph)	88%	88%		86%
			15 KVA- 25 KVA (3Ph-1Ph)	92%	91%		89%
			<p>Penalty for lower efficiency: If the overall efficiency is found to be less than the Bank's specified value, the UPS is to be rejected and replacement passing the test to be obtained. No further tolerance is permissible.</p>				

S. No	PARAMETER	Bank SPECIFICATION	Complied (Yes/No)
12.	Rated KVA	The UPS should be capable to deliver rated KVA at unity power factor 5 KVA UPS should be capable to deliver 5 KW respectively of at any PF (output) continuously.	
13.	Operating Temperature	Should be designed for delivering rated KVA at ambient temperature from 0 to 55 Degree Celsius. It should also be capable to deliver approx. 80% of rated output at 60 degree Celsius ambient temperature.	
14.	Relative Humidity	Upto 95% at 35 degree Celsius non-condensing	
15.	Noise level	At 1 meter from the UPS. ≤ 65 decibels at full load (On demand Proto-type test certificate be submitted). Noise level should be measured average of distances of four sides, four corners and top at 1 meter distance	
16.	Charger	Built in IGBT based solid state float-cum-boost charger with automatic boost/trickle charge modes with current limiting features. The charger characteristics shall be such as to match the float/boost charging of the batteries as per battery characteristic, for enhancing the life of batteries. The charger should be designed for 2 hours back up period at rated KVA	
17.	Crest factor	≥ 3	
18.	Interface facility	The UPS system should have necessary hardware and software with RS-232 port to work on DOS/SCO Unix (open screen) Novell / Network/ Current & advanced window operating system. It should be compatible for connecting to Building Management System. (B) Remote manageability through SNMP facility. There is a facility to monitor and broad cast to server wherever necessary condition such as : I) Power failure, back up time, low battery warning & auto file closure. ii) The software should be capable of automatically closing the files (auto closure feature) in the server so that the data / program files on the server are not lost/ corrupted.	
19.	Remote Indication unit UPS Should have SNMP Card	In system/systems Administrator Room with indications like Mains on, Inverter ON / OFF / Faulty / Trip, Battery Low and static by-pass ON. 25 meters inter connecting cable to be included in price quoted.	
20.	Protection	a). Isolation – Separate/ In-built galvanized isolation transformer shall be provided for isolation transformer for fully isolation from mains and surge / spike suppressors to be incorporated. b). Current limiting protection (Fuse less Electronic). Built in overload / short circuit protection with snubber circuits	

S. No	PARAMETER	Bank SPECIFICATION	Complied (Yes/No)
		for current limit. c). Soft start on Inverter and charger arrangement *d). Phase locking mechanism for UPS and mains frequency- for 3 phase output. e). Over voltage / under voltage protection. *f). Short circuit protection through HRC fuses (high speed) for devices such as IGBTs. g). Short circuit / overload protection through MCB / MCCB. h). All other protection systems required for safety of UPS system, such as over temperature protection etc.	
21.	*I). Thyristor based Static (Auto) bye-pass switch	Bi-directional with change over time less than 10 milliseconds in free running mode and instantaneous in synchronous mode from Inverter to bye-pass and vice-versa	
22.	II). Manual by-pass switch	Should be provided.	
23.	Alarm	i). Low battery alarm to be provided (ii) % load iii) mains failure / load on battery alarm to be provided. Both should be audio visual. iv) Failure of inverter v) Over temperature alarm in two stages 1st stage : Warning, intermittent audio alarm 2 nd stage: Tripping, continuous audio visual and resettable.	
24.	Metering	Digital panel Meter or LCD display system to indicate the following i). A.C. voltage : Input/ output ii). A.C. current : Input/output or % load iii). D.C. battery voltage iv). D.C. Charging / discharging current v). Frequency – Input/ Output	

Technical Specifications for on-line UPS systems - 30 KVA

S. No	PARAMETER	Bank SPECIFICATION	Complied (Yes/No)												
1.	Technology	<p>a) UPS systems with pulse width modulation (PWM) technology in True On-line Configuration, with double conversion using IGBTs in the Inverter and converter.</p> <p>b) Provision for configuring two or more UPS system in parallel load sharing mode. Maximum Three nos UPS system can be connected in parallel configuration in one cluster.</p> <p>c) The requirement is for fully rated capacity of single module in parallel with similar module sharing the load having provision for adding one or two modules of similar units. Paralleling of UPS should be achieved by paralleling the output on the power side using control logic signal bus. Each UPS should be capable of individually starting, running and feeding to the load apart from parallel operation.</p> <ul style="list-style-type: none"> ✓ Individual battery backup is necessary. ✓ Inverters should be synchronized with common by pass supply if required 													
2.	Inversion Technique	Adaptive pulse width modulation or sine weighted pulse width modulation with high switching frequency (> 12 KHZ for IGBTs).													
3.	Input	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Voltage</td> <td>415 Volts AC three phase + Neutral. There should be input to output isolation through an inbuilt/ separate isolation transformer.</td> </tr> <tr> <td>Voltage Range</td> <td>-30% +20%</td> </tr> <tr> <td>Frequency</td> <td>45 Hz to 55 Hz and it should be compatible with D G Set.</td> </tr> <tr> <td>Frequency tolerance</td> <td>50 Hz +/- 4% (Synchronous to mains) 50 Hz +/- 1% (Free running)</td> </tr> <tr> <td>Total Harmonic Distortion (THD)</td> <td>≤ 10% at 50% load(combination of R&L or RLC). < 5% at full load(combination of R&L or RLC).</td> </tr> <tr> <td>PF</td> <td>The UPS shall be provided with Auto input P.F. correction system to obtain P.F. 0.99 to unity when the connected load P.F. varies from 0.6 to unity.</td> </tr> </table>	Voltage	415 Volts AC three phase + Neutral. There should be input to output isolation through an inbuilt/ separate isolation transformer.	Voltage Range	-30% +20%	Frequency	45 Hz to 55 Hz and it should be compatible with D G Set.	Frequency tolerance	50 Hz +/- 4% (Synchronous to mains) 50 Hz +/- 1% (Free running)	Total Harmonic Distortion (THD)	≤ 10% at 50% load(combination of R&L or RLC). < 5% at full load(combination of R&L or RLC).	PF	The UPS shall be provided with Auto input P.F. correction system to obtain P.F. 0.99 to unity when the connected load P.F. varies from 0.6 to unity.	
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4.	Output	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Power</td> <td>continuously deliver rated KVA at 100% load any power factor</td> </tr> <tr> <td>Voltage</td> <td>415VAC ,3phase, 50HZ</td> </tr> <tr> <td>Voltage Regulation</td> <td>± 1%</td> </tr> <tr> <td>Frequency</td> <td>50HZ</td> </tr> </table>	Power	continuously deliver rated KVA at 100% load any power factor	Voltage	415VAC ,3phase, 50HZ	Voltage Regulation	± 1%	Frequency	50HZ					
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S. No	PARAMETER	Bank SPECIFICATION	Complied (Yes/No)	
	Frequency tolerance	50 Hz +/- 4% (Synchronous to mains) 50 Hz +/- 1% (Free running)		
	Frequency tolerance(battery mode)	± 2%		
	Total Harmonic Distortion(THD)	< 2% for linear full load(RL or RLC) < 3% for non-linear full load		
	Crest factor	3:1		
	Wave form	Pure Sine wave at 33%,66% and 100% load(RL OR RLC)		
5.	Bypass (static & Manual)	Voltage	415V, 3Phase, 50HZ, 4 wire above 20KVA	
		Voltage Range	± 15%	
		Frequency	50HZ	
		Frequency tolerance	50HZ ± 2%	
6.	Battery	Type	Sealed Maintenance Free Lead Acid	
		Make	Amron Quanta / Exide power safe / Panasonic / Rocket/ HBL Note : Only Valve Regulated Lead Acid (VRLA) type SMF batteries of 20 HR rated capacity electrolyte in paste form are acceptable. Any other type including calcium batteries are not acceptable.	
		Back up time	As specified In NIT	
		Minimum AH	As specified in the below tabular form	
		Battery Bank	Number of Batteries and each battery AH rating to be specified. Rack requirement as per site conditions.	
		Recharge Time	6-8 hours	
7.	Indications	LCD Display	Input/ output voltage & frequency	
			Load in VA & watts	
			Battery Voltage and battery level indicator	
			Load level, indicator, load current percentage	
			Self test, temperature	
			Diagram will indicate the status of the rectifier , inverter, battery and output	
8.	Indications	LED Display	Fault indicator	
			Bypass Indicator	
			Inverter Indicator	
			Battery Indicator(state of battery)	
			Input power Indicator	

S. No	PARAMETER	Bank SPECIFICATION			Complied (Yes/No)
9.	Overload capacity	110% for 10 minutes	During the test or actual condition, the load should not get transferred to mains through static switch.		
		150% for 1 minute			
10.	Transient response and voltage recovery time for step load	For 100% Step load i.e. from full load to no load and no load to full load : Dip < 3% Peak < 3% with recovery time within 3 cycles to normal output voltage.			
11.	Efficiency: It is the ratio of output power in KW of UPS to the input power to the isolation transformer & UPS with battery disconnected, or, battery charging power added to the output. The overall efficiency is found to be less than the Bank's specified value, the UPS is to be rejected and replacement passing the test to be obtained. No further tolerance is permissible.	30 KVA (3Ph-3Ph)	Minimum overall Efficiency at % load		
			At 100% i.e full load	At 66%	
			95%	94%	94%
		Penalty for lower efficiency: If the overall efficiency is found to be less than the Bank's specified value, the UPS is to be rejected and replacement passing the test to be obtained. No further tolerance is permissible.			
12.	Rated KVA	The UPS should be capable to deliver rated KVA at unity power factor 30 KVA UPS should be capable to deliver 30 KW respectively of at any PF (output) continuously.			
13.	Operating Temperature	Should be designed for delivering rated KVA at ambient temperature from 0 to 55 Degree Celsius. It should also be capable to deliver approx. 80% of rated output at 60 degree Celsius ambient temperature.			
14.	Relative Humidity	Upto 95% at 35 degree Celsius non-condensing			
15.	Noise level	At 1 meter from the UPS. ≤ 65 decibels at full load (On demand Proto-type test certificate be submitted). Noise level should be measured average of distances of four sides, four corners and top at 1 meter distance			
16.	Charger	Built in IGBT based solid state float-cum-boost charger with automatic boost/trickle charge modes with current limiting features. The charger characteristics shall be			

S. No	PARAMETER	Bank SPECIFICATION	Complied (Yes/No)
		such as to match the float/boost charging of the batteries as per battery characteristic, for enhancing the life of batteries. The charger should be designed for 2 hours back up period at rated KVA	
17.	Crest factor	≥ 3	
18.	Interface facility	<p>The UPS system should have necessary hardware and software with RS-232 port to work on DOS/SCO Unix (open screen) Novell / Network/ Current & advanced window operating system. It should be compatible for connecting to Building Management System.</p> <p>(B) Remote manageability through SNMP facility. There is a facility to monitor and broad cast to server wherever necessary condition such as :</p> <p>I) Power failure, back up time, low battery warning & auto file closure.</p> <p>ii) The software should be capable of automatically closing the files (auto closure feature) in the server so that the data / program files on the server are not lost/ corrupted.</p>	
19.	Remote Indication unit UPS Should have SNMP Card	In system/systems Administrator Room with indications like Mains on, Inverter ON / OFF / Faulty / Trip, Battery Low and static by-pass ON. 25 meters inter connecting cable to be included in price quoted.	
20.	Protection	<p>a). Isolation – Separate/ In-built galvanized isolation transformer shall be provided for isolation transformer for fully isolation from mains and surge / spike suppressors to be incorporated.</p> <p>b). Current limiting protection (Fuse less Electronic). Built in overload / short circuit protection with snubber circuits for current limit.</p> <p>c). Soft start on Inverter and charger arrangement</p> <p>*d). Phase locking mechanism for UPS and mains frequency- for 3 phase output.</p> <p>e). Over voltage / under voltage protection.</p> <p>*f). Short circuit protection through HRC fuses (high speed) for devices such as IGBTs.</p> <p>g). Short circuit / overload protection through MCB / MCCB.</p> <p>h). All other protection systems required for safety of UPS system, such as over temperature protection etc.</p>	
21.	*I). Thyristor based Static (Auto) bye-pass switch	Bi-directional with change over time less than 10 milliseconds in free running mode and instantaneous in synchronous mode from Inverter to bye-pass and vice-versa	
22.	II). Manual by-pass switch	Should be provided.	

S. No	PARAMETER	Bank SPECIFICATION	Complied (Yes/No)
23.	Alarm	i). Low battery alarm to be provided (ii) % load iii) Failure of inverter iv) mains failure / load on battery alarm to be provided. Both should be audio visual. 7 Over temperature alarm in two stages 1 st stage : Warning, intermittent audio alarm 2 nd stage : Tripping, continuous audio visual and resettable.	
24.	Metering	Digital panel Meter or LCD display system to indicate the following i). A.C. voltage : Input/ output ii). A.C. current : Input/output or % load iii). D.C. battery voltage iv). D.C. Charging / discharging current v). Frequency – Input/ Output	

Common Conditions for 2 KVA to 30 KVA UPS

Minimum VAH required as per details as under:

UPS Capacity (KVA)	VAH required		
	30Min	60 Minutes	120 Minutes
1	1176	1980	3324
2	2364	3960	6648
3	3540	5952	9960
5	5904	9912	16608
7.5	8868	14868	24912
10	11820	19824	33216
15	17724	29736	49824
20	23628	39648	66432
25	28920	48504	97020
30	34704	58212	99468

In the both cases, the UPS vendors to specify, the make of battery they propose to use, they have to submit detailed literature of battery and battery manufacturer's capability etc.

Sr No.	UPS Rating	DC Voltage	Battery AH	Nos.	Total VAH	Make

a) The back-up time at full load shall be **30 Minutes/ 60 Minutes/ 120 Minutes**
Note (strike out whichever is not applicable).

b). Battery set details to be indicated by the supplier:

i). D.C. Terminal voltage

ii). No. of batteries and each battery voltage

iii). Ampere-Hour capacity of each battery

c). End cell voltage for cut off shall be considered as 1.75 / cell

27 Testing :

i). The supplier shall have facilities to carry out all the tests at factory center, and tests will have to be satisfactorily carried out before acceptance.

ii) Tests shall be carried out and certified by the manufacturer and by the agencies specified here under (a). SAMEER (b).ETDC (c).ERTL (d) CPRI (e) ERDA Vadodara (f) I.I.T.s (g) NITs h) National Research &Technology Consortium, Parwanoo (H.P.), i) repute Engineering colleges (discretion with LHO) j) Regional Testing Centre (E.R.), Govt. Of India, Kolkata, (k) SV University Tirupati/ JNTU, Hyderabad/ L D College of Engineering Ahmadabad (l) Electronics Quality Development Centre, Gandhinagar, (m) Nisaki Technology services, Bangalore as per sampling below :

UPS Rating	% Sampling in lot
2KVA- 3KVA	All UPS shall be tested by the above-mentioned testing agency at Manufacturing site. Testing of few UPS i.e. 10% after installation at cost of UPS Vendor, who will be required to arrange for all the requisite variacs, maters, loads etc. and carry out the tests through vendor's personnel in the presence of Bank's Officials.
5KVA-10 KVA	25% of total supply to certain minimum numbers at the discretion of concerned office. However, all UPS shall be tested by the above-mentioned testing agency at Manufacturing site in presence of Bank representative (i.e. Bank's Discretion). No extra cost will be paid.
15 KVA- 30KVA	50% of total supply to certain minimum numbers at the discretion of concerned office. However, all UPS shall be tested by the above-mentioned testing agency at Manufacturing site in presence of Bank representative (i.e. Bank's Discretion). No extra cost will be paid.

(iii) If the UPS does not conform to specifications either during factory test or at site, the Bank reserves the right to reject the same. The successful tenderer shall then have to remove the same at his cost from site and supply a new piece conforming to the specifications.

iv). The Bank reserves the right to randomly decide to carry out testing of a few UPS systems at site/ factory after installation at the cost of UPS vendor, who will be required to arrange for all the requisite variacs, maters, loads etc. and carry out the tests through vendor's personnel in the presence of Bank's Officials

Signature of authorized signatory with seal

Place:

Date:

RESPONSE SHEET

SNo	Parameter	Your Response YES / NO
1	Whether agreeable to all the terms and conditions expressed by the Bank?	
2	Whether agreeable to the payment norms and warranty norms of the Bank?	
3	Whether agreeable to supply and install as per the Bank's standard specification and maintain the units?	
4	Whether giving comprehensive warranty for 24 months from date of installation or from date of delivery whichever is later?	
5	Whether agreeable to supply as per specifications of the Bank as mentioned in the 'technical bid'.	
6	Whether agreeable to furnish list of all the service network in Mumbai with contact numbers/persons for the same	
7	Whether agreeable to change of delivery place in case of need at any point of time, before actual delivery	
8	Whether agreeable to supply more quantities than indicated in this tender in case of need at any point of time, during period of contract	
9	Whether agreeable to provide AMC after the warranty	

1. We have read and understood all the terms and conditions stipulated by the Bank and we are authorized to sign and submit these documents.
2. We understand that if any stage it is found / noticed by the Bank, that any information thus provided by us is untrue / incorrect partly or fully and in case of receipt of adverse / unsatisfactory report from other clients / Bankers, the Bank may not consider our tender and / or may de-list us and / or may take any appropriate action against us.
3. We also understand that partly / wrongly filled tenders and / or applications not on prescribed pro-forma and or applications not accompanying relevant documents / enclosures / annexed documents are liable to be summarily rejected by the Bank.
4. The Bank's reserves the right to reject all and or any bid without assigning any reason whatsoever. We hereby confirm and certify that the information given above is correct and true and the enclosures annexed herewith are genuine to the best of my / our knowledge and believe.
5. We agree to abide by the Proposal and the rates quoted therein for the contract awarded by the Bank. Until a formal contract is prepared and executed, this Proposal, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

Place:
Date:

Applicant's Signature
Stamp:

EMPANELMENT OF UPS OEMS (ORIGINAL EQUIPMENT MANUFACTURERS) FOR SBI BRANCHES/OFFICES/ATMS UNDER CONTROL OF MUMBAI METRO CIRCLE
SPECIAL TERMS AND CONDITIONS

1. The time limit for completion of work is specified in the NIT to be reckoned from the date of award of work. The time limit specified includes testing at manufacture's work, testing & commissioning at site & handing over the entire work to the Bank. The time limit as specified is very important and agency must complete the work in all respects within the specified period.
2. The agency shall submit all the shop drawings within 7 days from the date of award of the work for approval. The drawings shall contain all details like general arrangement layout drawings with dimensional details, installation arrangement, power & control circuit diagram etc.
3. The agency should execute the work in best workmanship manner at all times confirming to relevant BIS & Indian Electricity rules including statutory clearance as per BIS / Indian Electricity rules at the time of installation.
4. The work to be executed by agency comprising of all equipment & accessories of UPS system shall have two years warranty / guarantee from the date of completion in all respects including testing & commissioning and handing over to the Bank Any malfunctioning / defect noticed during the warranty / guarantee period shall be attended by agency immediately within 4 hours. Any components (including consumable items) needing replacement should be replaced by agency without additional charges.

During the warranty / guarantee period, agency shall also carry out servicing / preventive maintenance etc. as per the guidelines of manufacturer, without any additional charges. Servicing / preventive maintenances shall be done quarterly. The log book to be maintained at site where all the entries of maintenance & repairs shall be made.

6. Comprehensive annual maintenance contract (AMC) is for a period of three years after the successful completion of warranty / guarantee period. Agency will be bound to undertake the same as per the rates quoted by them as indicated under BOQ. CAMC will be inclusive of servicing, preventive maintenance attending Complaints, and replacement of defective components (including consumable But Without battery)
7. All related minor civil & other works required for installation of UPS system (like mounting channels for UPS etc.) is under the scope of agency.
8. Agency will supply & install two laminated instruction sheets in UPS room indicating basic operational details of UPS system including safety precautions. In the form of Dos & Don'ts
9. Testing / Inspection at manufacturer's works.

a) Following testing/ inspection shall be carried out on completely assembled UPS system at manufacturer's works in presence of Bank representatives prior to dispatch.

- Verification of inventories / components as per work order specifications.
- Insulation withstand voltage tests.
- Overload and inrush current tests.
- Measurement of steady state operating parameters at no load and full load.
- Measurement of transient response parameters for load changes by load step test.
- Measurement of individual and total harmonics in output and load variations.
- Voltage regulation testes due to input voltage and load variations.
- Efficiency at 25%, 50%, 75% and 100% load.
- Operational check for automatic / manual transfer for different transfer odes and manual transfer modes with storage oscilloscopic having print out facility.
- Verification of various protection alarm and indications etc. by circuit simulation.
- Temperature rise test for 12 hrs duration.
- Any other routine test not covered above but required as per relevant IS/ IEC /EN standards.

b) Agency will arrange all necessary facilities, testing instruments etc. at manufacturer's works for the above purpose.

10. **Commissioning Tests at site after installation.**

a) Following Commissioning tests shall be carried out at site after installation in presence of Department representatives.

- Insulation resistance tests including high voltage insulation withstand test.
- Earthing of all non-current carrying metallic parts and accessories.
- Verification of all components as per work order specification.
- Operational checks for UPS systems with accessories as per work order specification without load with load in circuit.
- Performance of UPS system at full load. For this purpose agency will arrange artificial load at site.
- Verification of various protection alarm and indications etc. by circuit simulation.
- Performance of entire UPS sets with actual available load in circuit.
- Any other test not indicated above but required as per relevant IEC/EN standards.

11. Agency shall be responsible for safety of all their personal at site during erection, testing etc. at all times till completion of works.



12. Agency shall furnish full details of UPS system including overall dimension details of UPS/Battery bank; make or UPS /battery bank / accessories; literature of UPS & battery bank, Battery calculations etc. along with their offer.
13. Agency shall furnish all test certificates along with delivery of UPS system.

(C-AMC) CLAUSE: Comprehensive Annual Maintenance Contract (C-AMC) for UPS covers the following scope of work.

1. The vendor shall provide maintenance service to keep the UPS in good and efficient working condition covered under this contract. In addition to this, the vendor should provide preventive and corrective maintenance of UPS and should get verified from authorized official of the concerned firm. He should also carry out necessary repairs and provide Suitable replacement (equivalent or higher configuration) of defective part(s) / equipment as required.
2. The AMC is comprehensive i.e. no cost of parts replaced by vendor will be borne by SBI.
3. The break down calls registered by users must be attended promptly and if they are not rectified within one day, the vendor shall provide a suitable replacement for the defective UPS. Maintenance of all the UPS pertaining to these would be the responsibility of the vendor.
4. Agreement between vendor and SBI will remain in force for period of 3 years from the end of defect liability period.
5. SBI has the right to move UPS between floors. The equipment however will continue to be under AMC at the new location.
6. The firm has to provide a new equivalent parts / items with higher specifications available in the market as standby of the faulty items inside the SBI premises. No UPS will be allowed to go outside of SBI for repair,
7. If the UPS is not repaired within 1 working day after reporting the complaint, the LD charge will be levied at the rate of 0.5 % per week of AMC value and there after the machine can be repaired from outside at the risk and expense of the firm.
8. The vendor will be responsible for any mishap or accident or untoward incidence during the maintenance of machine which may occur due to negligence of the service engineer.
9. The vendor shall be responsible for the discipline and good conduct of their service engineers.



10. Vendor should have enough spare parts of UPS at their service center so that UPS could be repaired timely. Vendor has to maintain the service center in Mumbai/ Navi Mumbai/ Thane till end of the AMC period.
11. The firm shall not take any advantage of any misinterpretation of the conditions due to typing or any other error and if any in doubt shall bring it to the notice of the SBI authorities without delay. In case of any contradictions, only the printed rules and books should be followed and no claim for the misinterpretation shall be entertained. The administration's decision in such cases shall be final.
12. The preventive maintenance (PM) to be carried out once in 3 month. The preventive maintenance includes following:
 - i. Cleaning of UPS and batteries
 - ii. Checking fitment of internal and external hardware and heating of the system
 - iii. Cleaning of PCBs if any and operating power parameters.
 - iv. Break up call shall be attended immediately.
 - v. Checking of input /output voltage of batteries
13. Service engineer should submit JOB COMPLETION CERTIFICATE certified by user at each complaint. The one copy of certificate to be retained by user group and another to be given to the officer nominated for compilation of job work and to release the payment.
14. Payment will be made on quarterly basis after submitting preventive maintenance report of all the UPS.
15. Service engineer has to display their phone numbers on the UPS under C-AMC under intimation to in-charge officer for preparing necessary security clearance.
16. No transport will be provided to the service engineer for maintaining UPS. The engineer shall use his own vehicles for reporting. No transportation allowances will be allowed.
17. Engineers must be fully equipped with maintenance tool kit and accessories.
18. Any UN-towards incidents in respect of service engineers will be the sole responsibility of the service provider. Engineers should be suitably covered for insurance.

Declaration-Cum- Certificate on the Letter Head of Bidder Regarding Restrictions on Procurement From Bidders From A Country Or Countries, On Grounds Of Defence In India, Or Matters Directly Related Thereto, Including National Security.

Restrictions under Rule 144 (XI) of General Financial Rules 2017 of Ministry of Finance, India order no. F. No 6/18/2019/PPD dated 23rd July 2020

I/We have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India;

I/We, the bidder (Specify full name -----
--) certify that we are NOT from such a country OR, if from such a country, has been registered with Competent Authority.

I/We hereby certify that we fulfil all requirements in this regard and is eligible to be considered.

(Signature of Authorised Signatory along with Seal)

Name of authorised signatory:

Designation of Authorised signatory:

List of Evidences enclosed:

1. Copy of certificate of valid registration with the Competent Authority (Score out if not applicable)
2.
3.
4.

Date:

Place:



TEST PARAMETERS

Sr. No	Parameters to be measured
1	Technology
2	Nominal input voltage
3	No load input voltage range =Voltage regulation
4	Input frequency range (on D.G set)
5	Input power factor
6	Inversion Technique
7	Capacity
8	Output voltages
9	Output frequency
10	Distortion (o/p voltage) THD
11	Crest factor
12	Static bypass switch
13	Wave form (output)
14	Efficiency
15	Indications
16	Alarm
17	Metering
18	DC isolation between input line & output line
19	Input current harmonics
20	Batteries
21	Rated KVA
22	Charger
23	Manual bypass switch
24	Transient response
25	Overload capacity 110% & 150%

OTHER RELEVANT INFORMATION

S No	City	Service center with address	Details of Technical staff	
			Name & Contact details	Designation & Qualification
1	Mumbai			
2	Thane			
3	Navi Mumbai			
4	Palghar			
5	Raigad			

S No	Particulars	Details	Remarks
1	List of major production equipment in possession of the firm		
2	List of testing instruments		
3	List of laboratory equipment		

Signature of the Applicant
(with seal)

Date:

Place:

Signature of the Contractor

Annexure- H

WORK COMPLETED DURING THE LAST SEVEN YEARS (FROM 31.10.2017 to 31.10.2024)

Sl no	Rati ng of the UP S in KVA and loca tion	Con tract Am ount	PO Number and Date of Award	Stipul ated Date of install ation	Actual Date of installation	Actual value of installa tion in ₹	Name & Addres s, contact Of Client	Contact number of the client	Email Id of the client.
1									
2									
3									
4									
5									

Note: (1) Request to upoad the maximum 5 highest value of the works executed in the above period.

(2) Request you to fill the all the data as required and not mention enclosed, submitted, Yes, No etc.

Please attach evidence like copy of award letter / completion certificate given by client / architect. Please also attach colored photographs of completed work.

Signature with seal

Name:

Place:

Date:

WORKS ON HAND

UPS rating in KVA and Location	Contract Amount	Date of Award	Stipulated Date of installation	Present Status	Name & Address of Client	Name & Phone Nos Of client's Contact Person	Name, Address & Phone nos Of architect

Signature with seal

Name:

Place:

Date:

DECLARATION

1. All the information furnished by me/us here above is correct to the best of my knowledge and belief.
2. I/We have no objection if enquiries are made about the work listed by me/ us in the accompanying sheets/ annexures.
3. I/We agree that the decision of Bank in selection of contractors will be final and binding to me/ us
4. I/We hereby confirm that our firm/agency/company has not been disqualified / debarred / blacklisted by any Governments, Semi-governments, PSUs, Banks including any of the Offices/Branch of State Bank of India Pan India during last 7 year from the date of application.
5. I hereby confirm that all information, particulars, copies of certificates & testimonials in connection with my empanelment are correct and genuine. I am, therefore, liable to face appropriate actions as deemed fit by the Bank in the event of any of the information, particulars, copies of certificates and testimonials are not found correct and genuine.
6. I hereby confirm that, I will supply the UPS after compliance of all above Bank's specification if requirement arises during this empanelment period. I will also comply the CAMC terms also during AMC Period.
- 7.

Place:
Date:

Signature of the contractor with seal

ANNEXURE- K

BIO-DATA OF THE PROPRIETORS/ PARTNERS / ASSOCIATES / DIRECTORS

(Use one sheet per official)

1.	Name	:	
2.	Date of Birth	:	
3.	Professional Qualifications	:	
4.	Professional Experience	:	
5.	Professional Affiliation	:	
6.	Associated with the firm since	:	
7.	Membership in	:	
8.	Details of Published papers in Magazine	:	
9.	Details of cost effective methods/ designs adopted in the projects	:	
10.	Exposure to new materials/Techniques	:	

Note: Please enclose relevant copies of documents.












Signature of the Applicant
(with seal)














Date:
Place:








APPLICATION FORM
TO BE FILLED IN ONLINE PORTAL (i.e. <https://etender.sbi/SBI>)

S no	Details	<u>Please fill the data (Don't mention as Enclosed/YES/ NO/ Submitted etc.,)</u>	Type of Document to be Uploaded	<u>Attach ment</u>
1)	Name of the Firm			
2)	Constitution of the Firm (Proprietorship/Partnership/Company)		Firm Registration	
3)	Proof of Original Equipment Manufacturer		Proof of document	
4)	Registered in panel of organization/statutory bodies such as PSU/ Govt Dept/ Semi Govt Dept/CPWD, PWD, MES, Banks etc. furnish their names, category and date of registration.		Enclose empanelment with other organizations	
5)	Date, month & year of Establishment of the firm		shop Establishment/companies registration/partnership deed	
6)	GST Number		GST	
7)	PAN Number		PAN	
8)	Contact person name			
9)	Mobile Numbers & Telephone numbers			
10)	Email ID			
11)	Registered Office Address		Enclose valid proof	
12)	Communication Address		Enclose valid proof	
13)	Local Address in Mumbai/Thane/ Navi Mumbai		Enclose valid proof	
14)	Name of Partners /Associates /Directors.			
15)	Bio-data of Partners / Associates / Directors. Bio-data to be given in the Uploaded format		Annexure-K	
16)	Whether registration / obtention of licence from Govt. Authorities e.g. labour dept., ESIC, etc. are in place		Attach ESI/ EPF registration	

S no	Details	<u>Please fill the data (Don't mention as Enclosed/YES/ NO/ Submitted etc.,)</u>	Type of Document to be Uploaded	<u>Attach ment</u>
17)	Detailed description of high value of three works done during last 7 years, as per the criteria given. Copies of work orders, completion certificates must be enclosed.		Annexure H	
18)	Name and value of other similar major works on hand in PSU / Banks / Govt. Organizations / Software firms.		Annexure-I	
19)	Banker's Name			
20)	Technical systems specifications for on-line UPS of 2KVA to 25KVA	Upload the compliance of Bank's UPS parameters	<u>Annexure - A</u>	
21)	Technical Specifications for on-line UPS systems 30 KVA	Upload the compliance of Bank's UPS parameters	Annexure - B	
22)	Common Conditions for 2 KVA to 30 KVA		Annexure 'C'	
23)	Declaration regarding near relatives working in the Bank.			
24)	Names and addresses of the persons who will be in position to certify about the quality as well as performance of your organization.			
25)	ISO certificate		Enclose the copy of ISO certification	
26)	Declaration		Annexure-J	
27)	Turnover			
	FY 2023-24	₹	Certificate issued by CA/ Profit & Loss statement	
	FY 2022-23	₹	Certificate issued by CA/ Profit & Loss statement	
	FY 2021-22	₹	Certificate issued by CA/ Profit & Loss statement	
28)	Office details in the Mumbai/ Thane/ Navi Mumbai		Enclose the proof of office	

S no	Details	<u>Please fill the data (Don't mention as Enclosed/YES/ NO/ Submitted etc.,)</u>	Type of Document to be Uploaded	<u>Attachment</u>
29)	service centers (if any)details in Mumbai/ Thane/ Navi Mumbai/ Palghar/ Raigad		Enclose the proof of service center	
30)	Testing equipment and facilities at factory.		Enclose the details with photos	
31)	Response Sheet		Annexure- D	
32)	Special Terms & Conditions		Annexure- E	
33)	Declaration regarding Restriction on Procurement		Annexure- F	
34)	Other Relevant information		Annexure- G	
35)	Escalation Matrix			
36)	Solvency Certificate			
35)	<u>WORK-1</u>			
	<u>Work Order Details for Work-1</u>		Work order (work-1)	
	Name of the Work			
	Work Order No			
	Work Order Amount			
	Work Order Date			
	<u>Work Completion Details for Work-1</u>		Completion Certificate (work-1)	
	Work Completion Value			
	Work Completion Date			
	Client Name			
	Client Address			
	Client Mobile Number and landline			
	Client official email ID:			
36)	<u>WORK-2</u>			
	<u>Work Order Details for Work-2</u>		Work order (work-2)	
	Name of the Work			
	Work Order No			
	Work Order Amount			
	Work Order Date			
	<u>Work Completion Details for Work-2</u>		Completion Certificate (work-2)	
	Work Completion Value			
	Work Completion Date			
	Client Name			
	Client Address			
	Client Mobile Number and landline			
	Client official email ID:			
37)	<u>WORK-3</u>			
	<u>Work Order Details for Work-3</u>			

S no	Details	<u>Please fill the data (Don't mention as Enclosed/YES/ NO/ Submitted etc.,)</u>	Type of Document to be Uploaded	<u>Attachment</u>
	Name of the Work		Work order (work-3)	
	Work Order No			
	Work Order Amount			
	Work Order Date			
	<u>Work Completion Details for Work-3</u>		Completion Certificate (work-3)	
	Work Completion Value			
	Work Completion Date			
	Client Name			
	Client Address			
	Client Mobile Number and landline			
	Client official email ID:			
38)	WORK-4			
	<u>Work Order Details for Work-4</u>		Work order (work-4)	
	Name of the Work			
	Work Order No			
	Work Order Amount			
	Work Order Date			
	<u>Work Completion Details for Work-4</u>		Completion Certificate (work-4)	
	Work Completion Value			
	Work Completion Date			
	Client Name			
	Client Address			
	Client Mobile Number and landline			
	Client official email ID:			
39)	WORK-5			
	<u>Work Order Details for Work-5</u>		Work order (work-5)	
	Name of the Work			
	Work Order No			
	Work Order Amount			
	Work Order Date			
	<u>Work Completion Details for Work-5</u>		Completion Certificate (work-5)	
	Work Completion Value			
	Work Completion Date			
	Client Name			
	Client Address			
	Client Mobile Number and landline			
	Client official email ID:			

NOTE: Separate sheets, photographs, documents, etc. requirement to the proposed work in support of above can be uploaded.