Applications   Basic Details

| **Proposal Details** | IPR | Project Details | Other Requirements | Confirmation |

1.Key Information of the Proposal

1.	A brief about the proposal*	One paragraph About the project
2.	What percentage of funds (in INR) is contributed for the proposed project from your side, with respect to the TTDF grant sought?*	12
3.	What proportion (multiple x times) is the TTDF grant sought relative to your last three years average turnover?:*	567
4.	Whether you or your company/organization is willing to abide by the TTDF guidelines regarding the fund, possible payment of grants (plus penalty) under certain circumstances.: *	Yes

2.Proposal Summary

1.	Name of the Village proposed *	☑ **Dharmaj, Dist. Anand, Gujarat** ☑ **Ramgarh Urf Rajahi, Dist Gorakhpur, Uttar Pradesh**

☑ **Anandpur Jalbera, Dist Ambala, Haryana**
☐ **Bajargaon, Dist Nagpur, Maharashtra**
☐ **Bhagwanpura, Dist Bhilwara , Rajasthan**
☐ **Dablong, Dist Lanka, Assam**
☐ **Raosar, District Ashoknagar, Madhya Pradesh**
☐ **Aari, District Guna, Madhya Pradesh**
☐ **Banskhedi, District Shivpuri, Madhya Pradesh**
☐ **Burripalem, District Guntur, Andhra Pradesh**

2.	List of 5G use cases to be deployed *	

☑ **Agriculture**

> teste agri

☑ **Health**

> test

☑ **Education**

> Education is both the act of teaching knowledge to others and the act of receiving knowledge from someone else. Education also refers to the knowledge received through schooling or instruction and to the institution of teaching as a whole

☐ **Safety**

☐ **Integration sensors**

☐ **Aqua culture**

☐ **Livestock management**

☐ **Fleet management**

☐ **Agri product management**

☐ **Others**

☐ **Test Department**

3.	Abstract of the proposal*	Abstract of the proposal
4.	Potential Impact:*	Potential Impact
5.	End to End Solution:*	End to End Solution
6.	Team:*	Team

7.	How the proposal ensures the security of data:*	Cyber Security
8.	Mention details of support required in the implementing the 5G model Village of the proposal:*	Mention details of support required in the implementing the 5G model Village of the proposal

Save & Continue →

TELECOM TECHNOLOGY DEVELOPMENT FUND

Applications   **Basic Details**

Proposal Details	**IPR**	Project Details	Other Requirements	Confirmation

1.Essence of the Proposal Highlighting the following

1.	National Importance / Social Relevance: *	National Importance / Social Relevance test
2.	Commercialization Potential: *	Commercialization Potential test
3.	Risk Factors: *	Risk Factors test
4.	Has the Preliminary work done so far? : *	No

5.	National and International Status of Proposed Technology or Product: *	status
6.	Business Strategy: *	Business Strategy

2.IP (Intellectual Property) & Regulatory Details

1.	Is this Proposal Based on Intellectual Property rights owned by the Applicant/Collaborator/Licensed From Abroad?	Yes
2.	Provide Details of IP Proposal Ownership by	test
3.	IP Proposal	test
4.	In case the Technology is Licensed Regulatory Approvals	orem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo

| 5. | In case the Technology is Licensed Status Approvals | orem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo |
| 6. | In case the Technology is Licensed Proof of Status | orem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo |

3.Telecom Service Provider

Name*

vignesh

Designation*

designation

Mobile No*

8989789900

Email*

vig@mslabs.in

Address*

test

Letter for support*

| Choose file | No file chosen |

View

Save & Continue →

TELECOM TECHNOLOGY DEVELOPMENT FUND

Applications   Basic Details

| Proposal Details | IPR | **Project Details** | Other Requirements | Confirmation |

Architecture & Project Chart

1.	Upload GANTT/PERT Chart(Over all timeline for completing the project shall be restricted to 18 Months from the date of awarding the work): * **(Only pdf, Maximum size-5mb)**	Choose file No file chosen View
2.	Upload the detailed proposal along with the technical architecture, block diagrams and any other relevant documents: * **(Only pdf, Maximum size-5mb)**	Choose file No file chosen View
3.	Please upload a presentation of the proposal covering all the below points in pdf form:* **(Only pdf, Maximum size-10mb)** • The objective of 5G Model Village. • Villages chosen for the project. • Preliminary investigations done by the Organization / Individual including Preliminary survey/ RF Coverage maps of the villages chosen. • List of the identified Points of Interest in each villages. • The domestic component in the 5G Model Village proposal • Linkages • Methodology: Detailing stepwise activities and sub-activities including timelines • The outcome of this 5G Intelligent on Ground & likely impact • Budget bifurcation and justification.	Choose file No file chosen View

Other Details

Items*	Quantity*	Unit price(in INR)*	Total Price(in INR)*	Specifications*	Certification* (Only pdf, Maximum size-5mb)	Remarks	
Items	Quantity	Unit Price	Total cost	Specifications	Choose file		⊕ Save

S.no	Items*	Quantity*	Unit price(in INR)*	Total Price(in INR)*	Specifications*	Certification* (Only pdf, Maximum size-5mb)	Remarks	Action
1.	ds	2	2.00	4.00	fsdf	View	asdf	Delete
2.	asdf	3	3.00	9.00	safdf	View		Delete
			Total	13.00				

Details of Manpower (Hire for this proposal from total cost)

S.No	Job Title*	Minimum Qualification*	Age limit*	Role in the Project*	No of position*	Duration(In Months)*	Proposed Monthly Salary (Rs.)*	Total cost*	Add
1.	test	ug	2:	tester	12	13	1000	100	
2.	test 2	pg	2:	mana	1	23	2000	23	Delete
						Total	3000.00	123.00	

Save & Continue →

TELECOM TECHNOLOGY DEVELOPMENT FUND
Universal Service Obligation Fund
Department of Telecommunications

Proposal Details   **IPR**   **Project Details**   **Other Requirements**   **Confirmation**

Details of Any Other Requirements (purchase for this proposal from total cost)

1. Complete Site Survey and Planning

S.No	Item*	Unit*	Unit Price (Rs.)*	Total (Rs.)*	Add
1.	test	1	2	2	
2.	testv	2	3	6	Delete
			Total	8.00	

2.Network Core (if required)

S.No	Item	Unit	Unit Price (Rs.)	Total (Rs.)	Add
1.	5G Core, SW License, EPC, IMS, for 5000 subscribers(min)	1	2	2	
2.	EMS and NMS	3	4	12	
3.	Network Core	2900	10	29000	Delete
4.	Network Core 2	300	2	600	Delete
5.	test	56	89	4984	Delete
			Total	34598.(	

3.Radio Access Network for Carpet Coverage of the mentioned Village (as required)

S.No	Item	Unit	Unit Price (Rs.)	Total (Rs.)	Add
1.	5G 3-Sector Outdoor RU 2T2R, N78 band - 40/20W/Antenna	5	6	30	
2.	CU-DU Server	7	8	56	
3.	EMS and NMS	9	10	90	
4.	Antennas, 14-17dbi gain(min)	1	2	2	
5.	PTP Grandmaster with 8-Port Switch	3	4	12	
6.	Cables & Accessories(RF Cable, OFC, Ethernet, Power Cable, GPS	5	6	30	
7.	Cable, AC to DC Converter etc	7	8	56	
8.	8-Hour Battery Backup	9	1	9	
			Total	285.00	

4. Fixed Wireless Access + seamless WiFI connectivity at all Points of interest across villages(minimum 20 for each villages)

S.No	Item*	Unit*	Unit Price (Rs.)*	Total (Rs.)*	Add
1.	Fixed wireless Access	2	3	6	
2.	Setup for Seamless all villages-wide Connectivity Village WIFI: Internet Services with Roaming Capabilities	4	5	20	
			Total	26.00	

5. Civil and Electrical Infrastructure Supply and Works (as required)

S.No	Item*	Unit*	Unit Price (Rs.)*	Total (Rs.)*	Add
1.	Civil and Electrical infra supply and works(It includes creating a foundation through excavation, concrete pouring, and reinforcement installation. The electrical works involve setting up power systems, grounding and electrical connections.)	6	7	42	
			Total	42.00	

6. Centralised Servers and other Active elements for Big Data Analytics for Collections of Various Data included Sensor Networks/CCTV etc including interactive intelligent dashborard (AI/ML enabled) for protraying the

above data;the servers should also ensure virtualization, virtual containers, orchestration , edge computing , hypervisors etc. Edge servers at each village should also be planned which may also include mobile edge commmunputing, federrated learning, edge AI modeling techniques

S.No	Item*	Unit*	Unit Price (Rs.)*	Total (Rs.)*	Add
1.	Test 1	8	9	72	
2.	test 22	22	22	484	Delete
			Total	556.00	

7. Passive components (as required)

S.No	Item*	Unit*	Unit Price (Rs.)*	Total (Rs.)*	Add
1.	Switches & FD Structured Cabling	1	2	2	
			Total	44.00	

S.No	Item*	Unit*	Unit Price (Rs.)*	Total (Rs.)*	
2.	CAT 6 Switches & Structured Cabling	3	4	12	
3.	Cabinets & Frames - Open Rack	5	6	30	
			Total		

8. Software Components including Security Certificate, Audit and Real-time Business Analyatics Tools(On the Fly)

S.No	Item*	Unit*	Unit Price (Rs.)*	Total (Rs.)*	Add
1.	Test 2	7	8	56	
2.	test 44	34	43	1462	Delete
				Total	1518.00

9. Sensor Network Costs for making Smart Panchayat,Smart Agriculture,Smart Education & Health to be covered all point of interest of village (limited not Exhaustive)

a. Smart Panchayat

S.No	Item*	Unit*	Unit Price (Rs.)*	Total (Rs.)*	Add
1.	OHT and UGT Water Level Maintenance (Water Level sensor, Single channel Pump controller) (Atleast 10 each sensors at Each Village)	9	1	9	
2.	Street light monitoring (Smart Light controller)(Atleast 10 at each village)	2	3	6	
3.	Waste management (Smart bin based on level sensor)(Atleast 10 at each village)	4	5	20	
4.	Environment monitoring System (Weather station sensors)(Atleast 1 at each village)	6	7	42	
5.	Monitoring of activities of the village such as movement of vehicles (CCTV and associated items)(Atleast 10 at each village)	8	9	72	
6.	Drainage management (Level sensor (Atleast 6 at each village), Air quality sensor(Atleast 1 at each village)	1	2	2	
7.	test	20	20	400	Delete
			Total	551.00	

b. Smart Agriculture

S.No	Item*	Unit*	Unit Price (Rs.)*	Total (Rs.)*	Add
1.	Soil Health monitoring (Soil moisture, Temperature, EC Sensor ,Soil pH sensor and Soil NPK sensor)(Atleast 10 sensors at Each village)	3	4	12	
2.	Crop Management (Temperature monitoring (Atleast 50 Sensors at each village), Analytics on current and historical data	5	6	30	
3.	Livestock Management (RFID tags ,Health sensors including GPS trackers) (Atleast 100 at each village)	7	8	56	
4.	Aquaculture (Water quality sensors (Atleast 4 at each village), Feeding sensors(Atleast 2 at each village)	9	1	9	
5.	Crop Survey (Drones and HD Cameras)(Atleast 2 at village)	2	3	6	
6.	Drainage management (Level sensor ,Air quality sensor)(Atleast 10 at each village)	4	5	20	
7.	test 2	30	30	900	Delete
			Total	1033.00	

c. Smart education and skill development

S.No	Item*	Unit*	Unit Price (Rs.)*	Total (Rs.)*	Add
1.	Smart Classroom(Interactive whiteboards,(Atleast 3 at each village), AR/VR classroom(Alteast 1 at each village),Motion detector(Atleast 100 at each village))	6	7	42	
2.	Vocational(training, AR and VR classroom-(Atleast 1 at each village)	8	9	72	
3.	gest 3	40	40	1600	Delete
			Total	1714.00	

d. Smart Health(Atleast 1 sensors at each village)

S.No	Item*	Unit*	Unit Price (Rs.)*	Total (Rs.)*	Add
1.	Health ATM at PHC for conducting diagonstic test	1	2	2	
			Total	2840.70	

S.No	Item*	Unit*	Unit Price (Rs.)*	Total (Rs.)*	
2.	Eye screening solution	3	4	12	
3.	Automated clinics and Ambulances	5	6	30	
4.	test 5	50	50	2500	Delete
5.	tewt 6	23	12.9	296.7	Delete
			Total		

10. Installation Infrastructure, Accessories & Commissioning Cost

S.No	Item*	Unit*	Unit Price (Rs.)*	Total (Rs.)*	Add
1.	Test 3	7	8	56	
			Total	5056.0(	

S.No	Item*	Unit*	Unit Price (Rs.)*	Total (Rs.)*	
2.	test 5	100	50	5000	Delete
			Total		

11. Operation & Maintenance, Replacement, Warranty & Software Maintenance for 3 years

S.No	Item*	Unit*	Unit Price (Rs.)*	Total (Rs.)*	Add
1.	Test 4	9	1	9	
2.	test 6	12	2	24	Delete
			Total	33.00	

Total Cost in Other Requirements	48304.70

Save & Continue →