Project Package-wise Itemised Cost Activities In Indore - Smart City Proposal (SCP)			Project Package-wise Itemised Cost Activities In Indore - Smart City Proposal (SCP) -Revised		
Sr. No.	Project Component	Cost in INR Crs	Sr. No	Project Component	Cost in INR Cr.
1	Rajwada Area - Retrofitting-cum-Redevelopment Area-based Development (ABD) Proposal		1	Rajwada Area - Retrofitting-cum-Redevelopment Area-based Development (ABD) Proposal	
A	**Redevelopment of Public land**		A	**Redevelopment of Public land**	
1	Slum Housing Built-up	232.76	1	Redevelopment Projects for Area Based Development (ABD)	1760.98
2	Compensatory Tenements Built-Up	270.33			
3	Real estate Sale Components built up	1418.35			
4	Parking Built-up	615.88			
5	Development Cost	133.14			
	Total Area Planning- Redevelopment Of Public Land	**2670.46**		**Total Redevelopment of Public land**	**1760.98**
B	**Economy and Employment**		B	**Economy and Employment**	
1	Incubation Centres	22.50	1	Redevelopment of Jinsi Haat Bazaar & Construction of Ancillary Buildings	11.87
2	Skill Development Centres	22.50	2	Incubation centre/ Skill development centre (at two location)	10.00
	Total Economy and Employment	**45.00**		**Total Economy and Employment**	**21.87**
C	**Identity and Culture**		C	**Identity and Culture**	
1	Conservation Of Built Heritage	25.00	1	Conservation of Built Heritage (Chhatris)	17.42
2	Heritage Street Façade Treatment	15.00	2	Built Heritage Conservation Gopal Mandir	34.55
3	Heritage Street Development	6.00	3	Conservation, Restoration & Redevelopment of Rajwada, Indore	17.22
			4	Heritage Walk with Street & Facade Development	24.19
	Total Identity and Culture	**46.00**		**Total Identity and Culture**	**93.38**
D	**Transport and Walkability**		D	**Transport and Walkability**	
1	Road development as per Street Design Guidelines		1	Development of Smart Roads in ABD Area	462.94
i	45 m wide road	2.83	2	Construction and Widening of Bridges	22.78
ii	30 m Wide Road	24.82	3	Development of Multilevel Car Parking in different locations of ABD Area	125.00
iii	24 m Wide Road	27.10	4	Providing, fixing, O&M of Foot-Over Bridges on BOT Basis against Advertisement rights	0.00
iv	18 m Wide Road	34.73	5	Implementation of E-Rickshaws in Pedestrian Area	4.00
v	Major Roads less than 18 m ROW	10.74	6	Fly Over at Mhow Naka Square	25.00
vi	Other Local Streets and Pedestrian Streets	29.19			
2	Vehicular Intersection Improvement as per Street Design Guidelines				
i	3 Armed Junctions	29.00			
ii	4 Armed Junctions	27.00			
3	Signalisation - Integrated with Pan City Proposal				
i	3 Armed Junctions				
ii	4 Armed Junctions				
iii	Mid Block Pedestrian Junctions				
4	Construction of New River Bridges	30.00			
5	Widening of Existing River Bridges	32.00			
6	IPT Services - battery operated E-Rickshaws in Pedestrian Area	6.25			
7	Parking for Pedestrianised Area	253.48			
8	Smart Parking and other Components- Integration with Pan City				
	Total Transport and Walkability	**507.14**		**Total Transport and Walkability**	**639.72**
E	**Water Supply and Reuse of Recycled Water**		E	**Water Supply and Reuse of Recycled Water & Waste Water Management- Sewerage & Sanitations**	

Sr. No.	Project Component	Cost in INR Crs	Sr. No	Project Component	Cost in INR Cr.
1	Elevated Service Reservoirs		1	Improvement of Water Supply & Sewerage Systems in ABD Area of Indore Smart City and O&M for 10 years	266.00
i	Potable Water of 3400 KL	6.80			
ii	Recycled Water of 2250 KL	6.75			
2	Feeder Mains and Distribution Network				
3	Feeder Mains for Potable Water ESRS	0.85			
4	Feeder Mains for Recycled Water ESRS	12.75			
5	Distribution Network (Dual Piping - Potable and Recycled)	38.84			
6	SCADA Sensor enabled Flow Meters	3.00			
7	SCADA Sensor enabled Sensor System	0.15			
8	Geo-Thermal Imaging Leak detectors	0.60			
9	Smart Consumer Water Meters	19.50			
10	Software's for Area Command and Control Centre	3.00			
	Total Water Supply and reuse of Recycled Water	**92.24**		**Total Water Supply and reuse of Recycled Water**	**266.00**
F	**Waste Water Management- Sewerage & Sanitations**		**F**	**Waste Water Management- Sewerage & Sanitations**	
1	Sewerage existing Network Rehabilitation and laying of new sewerage network	38.84	1	Construction of Community Toilets & Public Toilets	0.00
2	Sewerage Primary Network for DEWATS	15.00			
3	Decentralised Waste Water Treatment Plant of 6 MLD Eac	36.00			
4	Construction of Public Toilets	1.60			
	Total Waste Water Management - Sewerage & Sanitations	**91.44**	**F**	**Total Water Supply and Reuse of Recycled Water & Waste Water Management- Sewerage & Sanitations**	**0.00**
G	**Water Management - Storm Water Drainage**		**G**	**Water Management - Storm Water Drainage**	
1	Underground Primary Storm Water Drainage Network	23.30		*Merged with Road Project*	
2	Underground Secondary Storm Water Drainage Network	23.30			
3	Underground Tertiary Storm Water Drainage Network	19.42			
	Total Water Management - Storm Water Drainage	**66.02**		**Total Water Management - Storm Water Drainage**	**0.00**
H	**River Front Development**		**H**	**River Front Development**	
1	Channelization of River	46.80	1	Riverfront Development Works (Lengh 3.9 KM)	66.50
2	Development of Green Buffer	29.25			
3	BRTS on either side of River	31.20			
4	Foot Over Bridges	96.00			
	Total River Front Development	**203.25**		**Total River Front Development**	**66.50**
I	**Waste Management - Solid Waste**		**I**	**Waste Management - Solid Waste**	
1	HH Storage Bins	0.30	1	Construction of Garbage Transfer Stations at various 10 Location	20.64
2	Secondary Collection Pont Storage Dustbins (4*1.1 CUM)	0.20	2	Supply, erection & commissioning of Transfer Station Equipments	28.50
3	Primary Transport Vehicles Cycle Rickshaws	0.26	3	Solid Waste Management Projects	28.58
4	Primary Transport Vehicles Auto	0.48	4	Allotment of space for advertisement on various CT/PT on license basis	0.00
5	Secondary Transportation of Organic Waste AUTOs	0.48			
6	Bio-Digesters of 10 MTD Each	1.80			
7	Other Components - Integration with PAN City Proposal				
	Total Waste Management - Solid Waste	**3.52**		**Total Waste Management - Solid Waste**	**77.72**
J	**Power Supply, Source and efficiency**		**J**	**Power Supply, Source and efficiency**	
1	Smart Components in Power Sub-Stations 33/11 KV	4.00	1	Smart Components in Power Sub-Stations	101.32
2	Smart Components in Sub-Stations 11 KV/440 V	8.00	2	Solar Power Installations & Distribution	238.19
3	Smart Distribution Network with Meters and sensors	36.00			
4	Solar Power Terrace Installations on Redevelopment Buildings	215.40			

Sr. No.	Project Component	Cost in INR Crs	Sr. No	Project Component	Cost in INR Cr.
5	Smart Consumer Energy Meters	24.38			
	Total Power Supply, Source and efficiency	**287.78**		**Total Power Supply, Source and efficiency**	**339.51**
K	**Underground Utilities**		**K**	**Underground Utilities**	
1	Underground Utilities duct on Major Roads	71.15	1	Underground Utilities duct on Major Roads in ABD Area	260.71
2	Underground Utilities duct on Other Roads and Pedestrian Paths	12.42			
3	Shifting of Overhead Power Cables incl DPs in Utility Duct on Major Roads	47.43			
4	Shifting of Overhead Communication lines incl DPs in Utility Duct	3.32			
5	Shifting of Overhead Power Cables incl DPs in Other local streets and Pedestrian Streets	62.08			
6	Shifting of Overhead Communication lines incl DPs in Other local streets and Pedestrian Streets	1.74			
7	Laying of Underground Gas Line on Major Roads	14.23			
8	Laying of Underground Gas Line on Other Roads & Pedestrian Paths	14.90			
	Total Underground Utilities	**227.27**		**Total Underground Utilities**	**260.71**
L	**IT Connectivity**		**L**	**IT Connectivity**	
1	WIFI Hot Spots	12.00	1	Smart Poles Project including CCTV, Environmental Sensors,WiFi,C4 Integration, OFC, etc.(under PPP)	350.00
2	Laying of OFC Network in Utilities Duct Integration with PAN City Proposal				
3	Laying of Underground OFC Network in other local streets and Pedestrian Streets Integration with PAN City Proposal				
4	Pedestrian Streets Integration with Pan City Proposal				
	Total IT Connectivity	**12.00**		**Total IT Connectivity**	**350.00**
M	**IT Enabled Govt Services**		**M**	**IT Enabled Govt Services**	
1	Area command and control centre Hardware	12.85	1	Implementation of Command & Control Centre	34.99
2	Area command and control centre Software's	5.51	2	Networking Work at Smart City Office, Nehru Park, Indore	0.18
3	Area command and control centre Building	3.60			
4	Public Facilitation Centres & numbers	9.00			
	Total IT Enabled Govt Services	**30.96**		**Total IT Enabled Govt Services**	**35.17**
N	**Public Open Spaces**		**N**	**Public Open Spaces**	
1	Development of Sector Parks	62.27	1	Development of Parks	21.88
2	Improvement in Other Existing Parks	16.88			
3	Development of School Play Grounds	26.00			
	Total Public Open Spaces	**105.15**		**Total Public Open Spaces**	**21.88**
O	**Education**		**O**	**Education**	
1	Smart Classrooms in School	3.20	1	Infrastructural & Building Development Works with Smart Classrooms in Government Schools	14.22
2	WIFI Hot Spots for schools	0.16			
3	Smart facilities for Schools	3.20			
	Total Education	**6.56**		**Total Education**	**14.22**
P	**Health**		**P**	**Health**	
1	Development of New Smart Health Care Facilities 50 Beds	10.00	1	Smart Health System	10.00
	Total Health	**10.00**		**Total Health**	**10.00**
Q	**Air Quality**		**Q**	**Air Quality**	
1	Air Quality monitoring sensors	0.30	1	*Merged with Smart Pole (L)*	
	Total Air Quality	**0.30**		**Total Air Quality**	**0.00**
R	**Safety and Security**		**R**	**Safety and Security**	
1	Street lighting on major roads	16.60	1	Street Lighting and Decorative façade lighting Works at various Locations	68.64

Sr. No.	Project Component	Cost in INR Crs	Sr. No	Project Component	Cost in INR Cr.
2	Street lightings on other local street and pedestrian paths	12.17			
3	Lighting of Public open Spaces	6.88			
4	Installation of CCTV Night vision Cameras with control	5.16			
5	Installation of CCTV Night vision Cameras in on roads and	2.88			
6	Water Storage for fire fighting.	10.00			
7	Fire Hydrants Network with pumps	10.00			
	Total Safety and Security	**63.69**		**Total Safety and Security**	**68.64**
I	**Total Rajwada Area - Retrofitting-cum-redevelopment Area Based Development (ABD) Proposal**	**4468.78**	I	**Total Rajwada Area - Retrofitting-cum-redevelopment Area Based Development (ABD) Proposal**	**4026.29**
II	**Pan City Proposal-Indore Intelligent City Management System (IICMS)**		II	**Pan City Proposal-Indore Intelligent City Management System (IICMS)**	
A	**Central Command & Control Centre with Multi-purpose Backbone Communication network**		A	**Central Command & Control Centre with Multi-purpose Backbone Communication network**	
1	**Multi-purpose backbone communication network:** Laying of multi-purpose OFC Communication network with a bandwidth of 10 Gigabit and 25 Kms Range for ITS,ISWM and other future pan city applications	93.00		*Merged with IT Enabled Service Projects*	
2	**Central Command & Control Centre -** Commissioning of software's and hardware's for all ITS ,ISWM and other future pan city applications.	19.00			
3	**City Dash Board :** Collection, Collation, analysis and dissemination of information for all ITS,ISWM and other future pan city applications.	6.00			
	Total Central Command & Control Centre with Multi-purpose Backbone Communication network	**118.00**		**Total Central Command & Control Centre with Multi-purpose Backbone Communication network**	**0.00**
B	**Intelligent Transport System (ITS)**		B	**Intelligent Transport System (ITS)**	
1	Traffic Management : Automated Traffic Control System(ATCS), pedestrian activated signals at crosswalks, bicycle actuated signals , Lane monitoring and control signs. Dynamic messaging boards and web/mobile applications with route information, Automated enforcement	141.00	1	Intelligent Transport Management Projects	39.10
2	Transit Management: Real-time vehicle tracking (RVT/CAD/AVL) and fleet Management System, passenger information dissemination (On-board, At-Stops, At-Stations): video surveillance (in vehicles, stops &	53.00	2	Public Bike Sharing	8.00
3	Electronic Payment : Sensors and hardware for management and collection of Transit Fares (Metro, Standard Bus, IPTs including Taxi & Auto Rickshaw, Parking and Tolls); Electronic Smart Cards and integrated with a payment gateway	39.00	3	Signals etc.	20.90
4	**Parking Management (On-Street, Off Street and Multi level):** Sensors & cameras for data collection on parking lot capacity & availability. At facility dynamic messaging signboard supported by web/mobile apps.	17.00	4	Parking Management (On-Street, Off Street and Multi level): Sensors & cameras for data collection on parking lot capacity & availability. At facility dynamic messaging signboard supported by web/mobile apps.	17.00
	Total Intelligent Transport System (ITS)	**250.00**		**Total Intelligent Transport System (ITS)**	**85.00**
C	**Intelligent Solid Waste Management (ISWM)**		C	**Intelligent Solid Waste Management (ISWM)**	
1	Applications for Citizen and Safai Mitra for data crowd sourcing and compilation of management information on primary & secondary waste collection	2.50	1	Intelligent Solid Waste Management (ISWM) Projects	8.36

Sr. No.	Project Component	Cost in INR Crs	Sr. No	Project Component	Cost in INR Cr.
2	GIS based Asset Management through Geo-fencing of waste bins, vehicles, personnel, Waste Transportation Route mapping and GPS based Vehicle Tracking Management System (VTMS)	12.00			
3	Facilities including equipment's for Smart waste-to-energy plants such as smart conveyor belt and pooling device	5.50			
	Total Intelligent Solid Waste Management (ISWM)	20.00		Total Intelligent Solid Waste Management (ISWM)	8.36
III	Total Pan City Proposal - Indore Intelligent City Management System (IICMS)	388.00	III	Total Pan City Proposal - Indore Intelligent City Management System (IICMS)	93.36
	Total Smart City Proposal Cost	4856.78		Total Smart City Proposal Cost	4119.65
	DPR Preparation and PMC Cost @ of 5% of the Project Cost	242.84		Total O&M @ of 5% of the Project Cost	205.98
	Grand Total Smart City Proposal for Indore	5099.62		Grand Total Smart City Proposal for Indore	4325.63

Executive Director
Indore Smart City Development Ltd.
Indore