

**EDFC FIELD UNIT-TUNDLA-S AND T/EDFC  
TENDER DOCUMENT**

Tender No: DFC-TDL-SnT-CCTV2021-T001

Closing Date/Time: 10/03/2021 15:30

**CGM/DFCCIL/TUNDLA** acting for and on behalf of The President of India invites E-Tenders against Tender No **DFC-TDL-SnT-CCTV2021-T001** Closing Date/Time 10/03/2021 15:30 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

Contractors are allowed to make payments against this tender towards tender document cost and earnest money only through only payment modes available on IREPS portal like net banking, debit card, credit card etc. Manual payments through Demand draft, Banker cheque, Deposit receipts, FDR etc. are not allowed.

**1. NIT HEADER**

<b>Name of Work</b>	Supply, Installation, Testing and Commissioning of CCTV cameras with intrusion monitoring at 10 Stations, 19 RH, 49 ALH, 2 IMD, 8 IMSD, 27 GSMR, 17 SP/SSP and 3 Security control center in New Bhaupur- New Khurja section (343Km) of EDFC under CGM/TDL and AMC of complete system for 5 Years after expiry of 3year warranty period		
<b>Bidding type</b>	Normal Tender		
<b>Tender Type</b>	Open	<b>Bidding System</b>	Single Packet System
<b>Tender Closing Date Time</b>	10/03/2021 15:30	<b>Date Time Of Uploading Tender</b>	12/02/2021 17:28
<b>Pre-Bid Conference Required</b>	No	<b>Pre-Bid Conference Date Time</b>	Not Applicable
<b>Advertised Value</b>	86535090.40	<b>Tendering Section</b>	S AND T
<b>Bidding Style</b>	Single Rate for Tender	<b>Bidding Unit</b>	Above/Below/Par
<b>Earnest Money /Bid Security (Rs.)</b>	0.00	<b>Validity of Offer ( Days)</b>	90
<b>Obtain Bid Security Declaration in lieu of Bid Security</b>	Yes		
<b>Tender Doc. Cost (Rs.)</b>	11800.00	<b>Period of Completion</b>	6 Months
<b>Contract Type</b>	Works	<b>Contract Category</b>	Expenditure
<b>Bidding Start Date</b>	24/02/2021	<b>Are Joint Venture (JV) firms allowed to bid</b>	No
<b>Ranking Order For Bids</b>	Lowest to Highest	<b>Expenditure Type</b>	Capital (Works)

**2. SCHEDULE**

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule A</b> -Supply, Installation, Testing and Commissioning of CCTV cameras with intrusion monitoring at 10 Stations, 19 RH, 49 ALH, 2 IMD, 8 IMSD, 27 GSMR, 17 SP/SSP and 3 Security control center in New Bhaupur- New Khurja section (343Km) of EDFC under CGM/TDL (These Rates are Inclusive of all taxes and duties Except For Schedule B, Item No. 1 for which applicable minimum wages will be paid as per applicability time to time )							53002796.00	
1	NS 1	467.00	Numbers	30000.00	14010000.00	AT Par	14010000.00	
	<b>Description:-</b> Supply, Installation, Testing & Commissioning of Fixed Box type, Full HD, IP colour Camera including Varifocal Lens, housing, mount and all other accessories as per RDSO Specification RDSO/SPN/TC/65/2019 Rev. 5.0 with latest amendment and as per technical specification as per Clause no. 5.1 & 5.3. (Quantity of Fixed Box type cameras will be decided by the site in-charge as per site requirement.)[[Inspection by RDSO ]							
2	NS 2	43.00	Numbers	90000.00	3870000.00	AT Par	3870000.00	
	<b>Description:-</b> Supply, Installation, Testing & Commissioning of P/T/Z (Pan/Tilt/Zoom), Full HD, IP Colour Camera including Lens and all other accessories as per RDSO Specification RDSO/SPN/TC/65/2019 Rev. 5.0 with latest amendment and as per technical specification as per Clause no. 7.0.[Inspection by RDSO ]							
3	NS 3	157.00	Numbers	27533.00	4322681.00	AT Par	4322681.00	
	<b>Description:-</b> Supply, Installation, Testing & Commissioning of Full HD Resolution Fixed Dome type IP Colour Camera with varifocal lenses along with housing and mount with all accessories as per RDSO Specification RDSO/SPN/TC/65/2019 Rev. 5.0 with latest amendment and as per technical specification as per Clause no. 6.0. [Inspection by RDSO]							
4	NS 4	667.00	Numbers	3200.00	2134400.00	AT Par	2134400.00	
	<b>Description:-</b> Supply, Installation, Testing & Commissioning of Video Management & Video Recording Software with License as per minimum specified specifications in chapter -4 of RDSO Specification RDSO/SPN/TC/65/2019 Rev. 5.0 with latest amendment and as per technical specification as per Clause no. 18.1&18.3 or better specifications with latest features. (1. Per camera License means Video Recording & Video Management (Viewing) at multiple locations such as Station, RPF Post & S&T Command Center by same license.It should have provision of Viewing the system over Intranet Network. 2. Customised Mobile App to be developed by the Contractor as per requirement & RDSO Specification) (Per unit means per Camera) [Inspection by RDSO or consignee for better specification if not inspected by RDSO]							

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5	NS 5	195.00	Numbers	4500.00	877500.00	AT Par	877500.00
	<b>Description:-</b> Supply, Installation, Testing & Commissioning of Video Analytics Software with License as per minimum specified specifications in chapter -4 of RDSO Specification RDSO/SPN/TC/65/2019 Rev. 5.0 with latest amendment and as per technical specification as per Clause no. 18.4 or better specifications with latest features.. (Per camera License means Video analytic at multiple locations such as Station, RPF Post & S&T Command Center by same license. It should have provision of Video Analytics over Intranet Network)(Per unit means per Camera)[Inspection by RDSO or consignee for better specification if not inspected by RDSO]						
6	NS 6	6.00	Numbers	204321.00	1225926.00	AT Par	1225926.00
	<b>Description:-</b> Supply of Server Hardware (which will be used for Video Management & Video Recording and support minimum 128 cameras without adding any accessories ) with minimum usable storage of 32 TB and all other required accessories to make the system operational, as per minimum specified specifications in chapter -4 of RDSO Specification RDSO/SPN/TC/65/2019 Rev. 5.0 with latest amendment and as per technical specification as per Clause no. 10.1 or better specifications with latest features.[Inspection by RDSO or consignee for better specification if not inspected by RDSO]						
7	NS 7	6.00	Numbers	1499.00	8994.00	AT Par	8994.00
	<b>Description:-</b> Installation, Testing & Commissioning of Server (which will be used for Video Management & Video Recording) with required accessories as per minimum specified specifications in chapter -4 of RDSO Specification RDSO/SPN/TC/65/2019 Rev. 5.0 with latest amendment or better specifications with latest features.						
8	NS 8	6.00	Numbers	204321.00	1225926.00	AT Par	1225926.00
	<b>Description:-</b> Supply of Server Hardware for Video Analytics and all other required accessories to make the system operational, as per minimum specified specifications in chapter -4 of RDSO Specification RDSO/SPN/TC/65/2019 Rev. 5.0 with latest amendment as per technical specification as per Clause no. 10.1 or better specifications with latest features.[Inspection by RDSO or consignee for better specification if not inspected by RDSO]						
9	NS 9	6.00	Numbers	1499.00	8994.00	AT Par	8994.00
	<b>Description:-</b> Installation, Testing & Commissioning of Server Hardware for Video Analytics and all other required accessories to make the system operational, as per minimum specified specifications in chapter -4 of RDSO Specification RDSO/SPN/TC/65/2019 Rev. 5.0 with latest amendment or better specifications with latest features.						
10	NS 10	3.00	Numbers	2623800.00	7871400.00	AT Par	7871400.00
	<b>Description:-</b> Supply, Installation, Testing & Commissioning of External Storage Device with minimum usable storage of 240TB and all other required accessories to make the system operational, as per minimum specified specifications in chapter -4 of RDSO Specification RDSO/SPN/TC/65/2019 Rev. 5.0 with latest amendment as per technical specification as per Clause no. 12.0 or better specifications with latest features. (a.) Minimum 6 numbers of Air-Conditioned racks to be provided by the contractor to accommodate 18 nos. of External Storage Device. If more number of racks are required, additional racks to be provided by the Contractor free of cost. b. Each Storage Device should support the enhancement of minimum usable storage of 320TB by adding only Hard Disks. c. Centralized NMS (Hardware & Software) for the CCTV System and Entire Networking System is covered under this item. d. Furniture for the command center is also covered under this item. e. Necessary [Inspection by RDSO or consignee for better specification if not inspected by RDSO] Hardware & Software required for storage, Management & viewing of Video data of Cameras shall be supplied by the contractor under this item if required.)						
11	NS 11	19.00	Numbers	127522.00	2422918.00	AT Par	2422918.00
	<b>Description:-</b> Supply of PC Workstation (i7 or latest) including Software with License as per minimum specified specifications in chapter -4 of RDSO Specification RDSO/SPN/TC/65/2019 Rev. 5.0 with latest amendment as per technical specification as per Clause no. 11.0 or better specifications with latest features.						
12	NS 12	19.00	Numbers	750.00	14250.00	AT Par	14250.00
	<b>Description:-</b> Installation, Testing & Commissioning of PC Workstation (i7 or latest) including Software with License as per minimum specified specifications in chapter -4 of RDSO Specification RDSO/SPN/TC/65/2019 Rev. 5.0 with latest amendment or better specifications with latest features.[Inspection by RDSO or consignee for better specification if not inspected by RDSO]						
13	NS 13	23.00	Numbers	50877.00	1170171.00	AT Par	1170171.00
	<b>Description:-</b> Supply of Large Format Display Monitor (55" inch) as per minimum specified specifications in chapter -4 of RDSO Specification RDSO/SPN/TC/65/2019 Rev. 5.0 with latest amendment as per technical specification as per Clause no. 9.0 or better specifications with latest features.[Inspection by RDSO or consignee for better specification if not inspected by RDSO]						
14	NS 14	23.00	Numbers	375.00	8625.00	AT Par	8625.00
	<b>Description:-</b> Installation, Testing & Commissioning of Large Format Display Monitor as per minimum specified specifications in chapter -4 of RDSO Specification RDSO/SPN/TC/65/2019 Rev. 5.0 with latest amendment or better specifications with latest features.						
15	NS 15	152.00	Numbers	12072.00	1834944.00	AT Par	1834944.00

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15	<b>Description:-</b> Supply, Installation, Testing & Commissioning of Field Switch (8 Port) as per minimum specified specifications in chapter -4 of RDSO Specification RDSO/SPN/TC/65/2019 Rev. 5.0 with latest amendment as per technical specification as per Clause no. 14.0(III) or better specifications with latest features.[Inspection by RDSO or consignee for better specification if not inspected by RDSO]						
16	NS 16	14.00	Numbers	42808.00	599312.00	AT Par	599312.00
	<b>Description:-</b> Supply of 24 port (manageable) with 4 Nos. 1000 baseX SM SFP port with optical module and 20 Nos.ethernet port Layer 2 POE Switch with SFP module as per minimum specified specifications in chapter -4 of RDSO Specification RDSO/SPN/TC/65/2019 Rev. 5.0 with latest amendment as per technical specification as per Clause no. 14.0(II) or better specifications with latest features.[Inspection by RDSO or consignee for better specification if not inspected by RDSO]						
17	NS 17	30.00	Numbers	7800.00	234000.00	AT Par	234000.00
	<b>Description:-</b> Supply & installation of 9 U Rack with all accessories as per minimum specified specifications in chapter -4 of RDSO Specification RDSO/SPN/TC/65/2019 Rev. 5.0 with latest amendment or better specifications with latest features.						
18	NS 18	3.00	Numbers	64200.00	192600.00	AT Par	192600.00
	<b>Description:-</b> Supply & installation of 42U Rack (Server Rack) with all accessories as per minimum specified specifications in chapter -4 of RDSO Specification RDSO/SPN/TC/65/2019 Rev. 5.0 with latest amendment or better specifications with latest features.						
19	NS 19	40000.00	Metre	55.58	2223200.00	AT Par	2223200.00
	<b>Description:-</b> Supply of STP CAT 6 cable as per chapter -4 of RDSO Specification RDSO/SPN/TC/65/2019 Rev. 5.0 with latest amendment as per technical specification as per Clause no. 17.1 , including laying in conduit pipe. (In this Item required quantity conduit pipe/Casing & capping with required accessories will be supplied by the contractor)[Inspection by RDSO]						
20	NS 20	4000.00	Metre	82.69	330760.00	AT Par	330760.00
	<b>Description:-</b> Supply of Power cable as per chapter -4 of RDSO Specification RDSO/SPN/TC/65/2019 Rev. 5.0 with latest amendment as per technical specification as per Clause no. 17.1 , including laying and as per technical specification of Chapter-4, including laying. (Wherever required, Power cable to be laid in conduit pipe/flexible pipe/casing capping then these items will be supplied by the contractor).[Inspection by consignee]						
21	NS 21	2000.00	Metre	145.00	290000.00	AT Par	290000.00
	<b>Description:-</b> Supply of Aerial Armoured Optical Fiber Cable , 6 Core , Single Mode as per chapter -4 of RDSO Specification RDSO/SPN/TC/65/2019 Rev. 5.0 with latest amendment as per technical specification as per Clause no. 17.2 , including laying in conduit pipe/Casing & capping. (In this Item, conduit pipe/casing & capping with required accessories will be supplied by the contractor) [Inspection by RDSO]						
22	NS 22	5000.00	Metre	58.00	290000.00	AT Par	290000.00
	<b>Description:-</b> Supply of Permanently Lubricated HDPE Duct with all accessories as per minimum specified RDSO Specification RDSO/SPN/TC/45/2013 Rev. 2.0 Amendment 1 & 2 or latest amendment or better and as per technical specification of Chapter-4.						
23	NS 23	5000.00	Metre	60.00	300000.00	AT Par	300000.00
	<b>Description:-</b> Laying of Permanently Lubricated HDPE Duct in trenches/GI pipe/RCC pipes including jointing and levelling using couplers and sealing the section etc as per site requirement and as per technical specification of Chapter-4.						
24	NS 24	5000.00	Metre	250.00	1250000.00	AT Par	1250000.00
	<b>Description:-</b> Excavation of trench 1.2 meter deep , 300 mm wide at the bottom along main line in all type of soil (Except rocky areas), asphalted road etc, including clearing of bushes , trees, temporary construction, bailing out water from the trench etc. and refilling of the trench by excavated soil and ramming after laying of the required quantity of cable as per specification, as per instruction of engineer in-charge and as per technical specification of Chapter-4. It also includes supply & provision of RCC cable route marker at 30 meter interval and also at every change of route.						
25	NS 25	600.00	Metre	300.00	180000.00	AT Par	180000.00
	<b>Description:-</b> Excavation of trench under rail track (1000 mm deep x 300 mm wide) & back filling after laying cable. Ramming of the soil in the trench and consolidation of the soil as well as the disposal of the soil if any,including supply & provision of RCC cable route markers at both the ends of crossing and as directed by engineer in-charge.This includes all required protective works to suite the site conditions and as per technical specification of Chapter-4.						
26	NS 26	3.00	Numbers	269500.00	808500.00	AT Par	808500.00
	<b>Description:-</b> Supply, Installation, Testing & Commissioning of 10 KVA UPS (online) with minimum battery backup of 30 of minutes including suitable Rack with better specifications and latest features.						
27	NS 27	23.00	Numbers	21875.00	503125.00	AT Par	503125.00

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27	<b>Description:-</b> Supply and Installation of Digital Keyboard (Joystick) with all accessories compatible with PTZ cameras as per minimum specified specifications in chapter -4 of RDSO Specification RDSO/SPN/TC/65/2019 Rev. 5.0 with latest amendment as per technical specification as per Clause no. 8.0 or better specifications with latest features. [Inspection of Supply Portion by RDSO, Inspection of Execution portion by Consignee].						
28	NS 28	3000.00	Metre	21.87	65610.00	AT Par	65610.00
	<b>Description:-</b> Supply of Flexible PVC Conduit Pipe 32mm dia. Of standard reputed make [Inspection by consignee].						
29	NS 29	2000.00	Numbers	8.75	17500.00	AT Par	17500.00
	<b>Description:-</b> Supply of Various Type of Connector-RJ45 Gold Plated locking Type Connectors, for screened CAT-6 Cable [Inspection by Consignee].						
30	NS 30	60.00	Numbers	13125.00	787500.00	AT Par	787500.00
	<b>Description:-</b> Supply and erecting of post for mounting of Cameras, this includes supply of GI Pipes of at least 6 mtr. Length 100 mm dia. 4.5 mm thickness with rain hood, digging of pit of required size , provision of post of required length, concreting at the base of post etc. as per site requirement and instructions of Railway Engineer. [Inspection by Consignee].						
31	NS 31	18.00	Numbers	15000.00	270000.00	AT Par	270000.00
	<b>Description:-</b> Supply and installation of computer table (to keep work station, monitor, mouse and keyboard) and revolving chair-Godrej or featherlite or Zuari make [Inspection by consignee]						
32	NS 32	5000.00	Metre	70.00	350000.00	AT Par	350000.00
	<b>Description:-</b> Supply of 12 F single mode multi tube (3x4 F) armoured underground Optic Fiber Cable as per TEC Spcn GR No. GR/OFC-01/04 sep 2003 or later with all required termination and accessories. [Inspection by consignee.]						
33	NS 33	5000.00	Metre	13.12	65600.00	AT Par	65600.00
	<b>Description:-</b> Drawing/Blowing of optical fibre cable in PLB HDPE duct. [Inspection by consignee]						
34	NS 34	10.00	Metre	4548.50	45485.00	AT Par	45485.00
	<b>Description:-</b> Supply and installation of FMS (24 F) Rack mountable with splicing and termination of OFC cables with all accessories as per Railway requirement (pigtaills and other materials required for work to be supplied by the contractor). Make:-3M, Raychem, Tyco make						
35	NS 35	19.00	Numbers	21875.00	415625.00	AT Par	415625.00
	<b>Description:-</b> Supply, Installation, Testing & Commissioning of online1 KVA UPS with half hour backup (Internal Battery) of make APC or Luminous or Olympus or Microtek or Liebert or Numeric or equivalent with better specifications and latest features.[Inspection by consignee.]						
36	NS 36	10.00	Lumpsum	262500.00	2625000.00	AT Par	2625000.00
	<b>Description:-</b> Installation, wiring and Configuration of existing SDH and DNS System for testing and commissioning of Cameras, servers, switches ,storage server and monitoring system at stations, ALH, RH and OCC. This also include supply of all required documentation, user manuals and booklet including design documents, drawings and specifications and any other material small value items required for testing and commissioning not included in schedule to be supplied by the contractor at no additional cost.						
37	NS 37	10.00	Numbers	15225.00	152250.00	AT Par	152250.00
	<b>Description:-</b> Supply & installation of Earthing arrangement for Telecom equipments as per RDSO Specification RDSO/SPN/197/2016 Version 1.0 or latest and as per technical specification of Chapter-4.						

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule B-Hiring of CCTV Operator (Skilled) and CCTV Supervisor (Highly Skilled) at 03 Nos. security centre i.e. New Khurja, New Ekdil and OCC/Prayagraj for monitoring and analysis of CCTV feeds for the period of 02 (two) years and AMC of complete system for 5 Years after expiry of 3year warranty period. (These Rates are Inclusive of all taxes and duties Except For Schedule B, Item No. 1 for which applicable minimum wages will be paid as per applicability time to time )</b>							33532294.40	
1	Please see Item Breakup for details.				12331160.00	AT Par	12331160.00	
	<b>Description:-</b> Hiring of CCTV Operator (Skilled) and CCTV Supervisor (Highly Skilled) at 03 Nos. security centre i.e. New Khurja, New Ekdil and OCC/Prayagraj for monitoring and analysis of CCTV feeds for the period of 02 (two) years. (Eligibility Criteria of CCTV Operator/Supervisor will be as per Clause no. 2.4.3 of Annexure-III of Tender Document)							
2	Please see Item Breakup for details.				21201134.40	AT Par	21201134.40	
	<b>Description:-</b> Annual Maintenance Contract for Video Surveillance Security System (CCTV System) for 5 years after expiry of 3 year warranty period of the whole system describe in schedule 'A' of this tender.							

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**3. ITEM BREAKUP**

<b>Schedule</b>	Schedule B-Hiring of CCTV Operator (Skilled) and CCTV Supervisor (Highly Skilled) at 03 Nos. security centre i.e. New Khurja, New Ekdil and OCC/Prayagraj for monitoring and analysis of CCTV feeds for the period of 02 (two) years and AMC of complete system for 5 Years after expiry of 3year warranty period. (These Rates are Inclusive of all taxes and duties Except For Schedule B, Item No. 1 for which applicable minimum wages will be paid as per applicability time to time )					
<b>Item- 1</b>	Hiring of CCTV Operator (Skilled) and CCTV Supervisor (Highly Skilled) at 03 Nos. security centre i.e. New Khurja, New Ekdil and OCC/Prayagraj for monitoring and analysis of CCTV feeds for the period of 02 (two) years. (Eligibility Criteria of CCTV Operator/Supervisor will be as per Clause no. 2.4.3 of Annexure-III of Tender Document)					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	CCTV Operator (Skilled labour) 12 nos For New Khurja and New Ekdil security centre	Man-Days	8760.00	745.00	6526200.00
2	2	CCTV Operator (Skilled labour) 06 nos For OCC/Prayagraj security centre	Man-Days	4380.00	874.00	3828120.00
3	3	CCTV Supervisor (Highly Skilled labour) 02 nos For New Khurja and New Ekdil security centre	Man-Days	1460.00	874.00	1276040.00
4	4	CCTV Supervisor (Highly Skilled labour) 01 nos For OCC/Prayagraj security centre	Man-Days	730.00	960.00	700800.00
					<b>Total</b>	<b>12331160.00</b>
<b>Item- 2</b>	Annual Maintenance Contract for Video Surveillance Security System (CCTV System) for 5 years after expiry of 3 year warranty period of the whole system describe in schedule 'A' of this tender.					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Annual Maintenance Contract for Video Surveillance Security System (CCTV System) for 5 years after expiry of 3 year warranty period of the whole system describe in schedule 'A' of this tender.	Year	5.00	4240226.88	21201134.40
					<b>Total</b>	<b>21201134.40</b>

**4. ELIGIBILITY CONDITIONS**

**Special Financial Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Should be a minimum of 150 % of advertised tender value of work. Certified true copy of audited annual account are to be submitted as a proof along with the Bid Document. In case the annual accounts are not audited, the contract sum received for the required period should be duly certified by Chartered Accountant.	No	No	Allowed (Mandatory)

**Special Technical Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	At least one similar single work for a minimum value of 35% of advertised tender value of work. The work should be physically completed on or before the date of opening of tender.	No	No	Allowed (Mandatory)

**5. COMPLIANCE**

**Check Lst**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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1	CHECK LIST OF DOCUMENTS TO BE ATTACHED WITH THE E-TENDER 1.Details of similar works completed in last seven years. (Format -I) 2.Annual Turnover for the last three years with supporting documents (Format-II). 3.Details of on-going work (Format -III). 4.Registration of Company in case of company. 5.Partnership deed/Memorandum and Articles of Association of the firm or company. 6.GST Registration Certificate. 7.Solvency certificate from Bank of the value 10% of advertised tender value of work. 8.Scanned copy of proof of money deposit against Earnest Money Deposit at DFCCIL account along with Transaction detail or "Bid Security Declaration to be submitted" 9.Scanned copy proof of money deposit against of the cost of tender documents at DFCCIL account along with Transaction detail. 10.Each and every page of document should be signed by bidder(s) before submission. 11.Pre-Integrity pact signed as token of acceptance of implementation of integrity pact in DFCCIL, as and when Independent External Monitor appointed. 12.Corrigendum(s), if any, duly digitally signed by the bidder(s) on each page.	No	No	Not Allowed
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**Commercial-Compliance**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	Yes	Allowed (Optional)

**General Instructions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	AS PER TENDER DOCUMENT	No	No	Not Allowed

**Special Conditions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	AS PER TENDER DOCUMENT	No	No	Not Allowed

**Technical-Compliances**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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1	<p>Contractor has to provide CCTV operator/supervisor for 24 months as specified in Schedule (B), item no. 1 of BOQ. CCTV operator should have the following Qualification: a.10th pass with ITI or Equivalent qualification preferably in electrical/electronic/IT. b.Possess good communication and observation skills. c.Able to monitor, operate and maintain VSS (CCTV) equipment with knowledge of troubleshooting. CCTV supervisor in addition to above should have an experience of three (03) years in CCTV systems. 2.5 Other Technical Conditions of Contract: 2.AMC after the warrantee period is comprehensive including spare parts and all other material required to keep system functional. 3.CCTV system in compliance of RDSO Specification para 2.6(b) Schematic diagram-2, will be provided to cover all service buildings by utilizing the existing Telecom infrastructure available at these locations, 4.Tentative networking plan is annexed as Annexure-B. List of service building and control center along with tentative distribution of Cameras is mentioned in Annexure-C. 5.The contractor team must have expertise in networking through switches and SDH Equipments, Networking of CCTV System will require configuration of SDH system ( ECL Make) at all location and DNS System( Juniper make) at stations, the contractor may require to call OEM support at own expenses if required. 6.The contractor shall arrange all other installation items other then specified in schedule at his own cost. 7.Make in India makes shall be given preference as per Order 2017-Revision vide the Department of Industrial Policy and Promotion (DIPP) Order No. P-45021/2/2017-PP(BE-II) dated 4th June,2020. 8.Key component OEMs such as Cameras, Servers, Storage, Workstations, Network Switches etc their presence and own service center in India. 9.All cameras shall be strictly as per specification mentioned in the schedule and shall be of Brand Make in India. 10.The OEM of Server, storage and software should have registered support &amp; development center in India. 11.OEM Should not be banned/blacklisted in India For security concerns. 12.CCTV OEM should not be suspended by OVVIF. 13.Security deposit for the work will be released after completion of warrantee period after adjustment of security deposit required for AMC value. 14.OEM of L-2/L-3 SWTICH should have R&amp;D centre/ service center in India . 15.VMS &amp; Video Analytic software should be from same OEM and Video Analytic shall have following feature in addition to RDSO specification requirement- a.Option to Email, and Push Alarm any Event to mobile phones. Push method should be without SMS. b.Offline analytics possible in avi,mp4, mpeg, h264 and asf file formats c.Offline analytics should run in batch mode to take every file from specified folders and run analytics one by one on each file automatically. 16.Remote viewing on web and Mobil app shall have feature not less than defined in RDSO Specification para 18.5.</p>	Yes	Yes	Allowed (Optional)

**Undertakings**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	AS PER TENDER DOCUMENT	No	No	Not Allowed

**6. Documents attached with tender**

S.No.	Document Name	Document Description
1	DFC_CGM_TDL_CCTV_TENDER.pdf	TENDER DOCUMENT CCTV DFCCIL

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Industrial Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017 and amendments/ revisions thereof.

As a Tender Inviting Authority, the undersigned has ensured that the issue of this tender does not violate provisions of GFR regarding procurement through GeM.

**EDFC FIELD UNIT-TUNDLA-S AND T/EDFC  
TENDER DOCUMENT**

**Tender No:** DFC-TDL-SnT-CCTV2021-T001

**Closing Date/Time:** 10/03/2021 15:30

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**Signed By:** SURENDRA SINGH

**Designation :** PM/S T/TDL