

E- TENDER DOCUMENT

FOR

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 3 year warranty period



**DEDICATED FREIGHT CORRIDOR
CORPORATION OF INDIA LIMITED
(A Government of India Undertaking)
MINISTRY OF RAILWAYS**

CGM/TDL/DFCCIL OFFICE

**3/20, KPS Tower, Mayur Complex, 3rd Floor,
Near Tulsi Cinema, NH-02, Nagla Padi, Agra-282002**

INDEX

S.N.	ITEM	PAGE NO.
	PART 1 GENERAL	
1	CHECK LIST FOR LIST OF DOCUMENTS TO BE ATTACHED WITH THE TENDER AND FORMATS	3
	TECHNICAL DETAILS	
1	TOP SHEET	5
2	FORM OF BID	6-7
3	NOTICE INVITING E-TENDER	9-17
4	GENERAL INFORMATION	18
5	APPENDIX TO TENDER	20
6	INSTRUCTION TO TENDERERS	22-33
7	SPECIAL CONDITION OF CONTRACT	35-51
8	GENERAL CONDITION OF CONTRACT	52
9	ANNEXURES	53-85
	FINANCIAL OFFER	
1	SCHEDULE OF RATES (BOQ AND ESTIMATED RATE)	87-93
2	OFFER TO BE FILLED BY TENDERER(S) IN OFFER SHEET	94

Total Pages: 94 (Ninty Four Pages)

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.

TECHNICAL DETAIL

(TOP SHEET)

&

(TENDER FORM)



TOP SHEET

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

Date 15.01.2021

Name of work	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
Estimated Cost of work	Rs. 8, 65, 35,130/-
Earnest Money Deposit	Bid security Declaration to be submitted
Completion Period	Total 06(Six) months from the date of issue of letter of acceptance. (For Installation, Testing & Commissioning)

Date of Opening:

Tender Issued to: -

For and on behalf of
CGM/TDL. DFCCIL Office.



FORM OF BID

Place:.....

Date:

**Chief General Manager/Tundla,
Dedicated Freight Corridor Corporation of India Limited,
3/20, KPS Tower, Mayur Complex,, 3rd Floor,
Near Tulsi cinema, NH-02, Nagla Padi,
Agra-282002, U.P.**

I / We have read the various conditions of tender attached hereto and agree to abide by the said conditions. I / We also agree to keep this tender open for your acceptance for a period of **90 days** from the date fixed for opening the same and in default thereof, I/We will be liable for forfeiture of my/our "Earnest Money".

- 1. I / We offer to do the work for "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" at the rate quoted in attached schedule and hereby bind myself/ourselves to complete the work in all respects within 06(Six) months from the date of issue of letter of acceptance of the tender.**
- 2. I / We also hereby agree to abide by the all the DFCCIL/Indian DFCCILs Standard General Conditions of Contract, with all correction slip up to date and to carry out the work according to the Special Conditions of Contract and Specifications of materials and works as laid down by DFCCIL in the annexed Special Conditions/Specifications, Schedule of Rates with all correction slip up-to-date for the present contract.**
- 3. A sum of Rs. has already been deposited online as Earnest Money. Full Value of the Earnest Money shall stand forfeited without prejudice to any other rights or remedies in case my/our Tender is accepted and if:**
 - a) I / We do not execute the contract document within Seven days after receipt of notice issued by DFCCIL that such documents are ready; and
 - b) I / We do not commence the work within fifteen days after receipt of orders to that effect.



4. Until a formal agreement is prepared and executed, acceptance of this tender shall constitute a binding contract between us subject to modifications, as may be mutually agreed to between us and indicated in the letter of acceptance of my/our offer for this work.

Signature of Witnesses:

(1) _____

(2) _____

Signature of Tenderer(s)

Date _____

Address of the Tenderer(s)



(NOTICE INVITING E- TENDER)

Dedicated Freight Corridor Corporation of India Limited
(A Government of India Undertaking)
MINISTRY OF DFCCIL

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

Date: 10.02.2021

M/s _____

NOTICE INVITING E- TENDER

1. CGM/TDL, DFCCIL, 3/20, KPS Tower, Mayur Complex, 3rd Floor, Near Tulsi cinema, NH-02, Nagla Padi, Agra-282002, U.P., invites sealed **open E - Tenders in single packet system** on prescribed forms from firms/companies meeting qualifying requirements and having requisite experience and financial capacity for the following works: -

Tender No.	DFC-TDL-SnT-CCTV2021-T001
Name of Work	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
Estimated Cost of work	Rs. 8, 65, 35,130/-
Period of work completion	Total 06 (Six) Months (For Installation, Testing & Commissioning)
Earnest Money Deposit	Bid security Declaration to be submitted in following format : I/We, M/s_____am/are aware that I/We have been exempted from submission of Bid Security/Earnest Money Deposit in lieu of this Bid Security Declaration. I/We understand and accept that if I/We withdraw my/our bid within bid validity period or if awarded the tender and on being called upon to submit the Performance Guarantee/Performance Security fail to submit the same within the stipulated time period mentioned in tender documents or on being called upon to sign the contract agreement fail to sign the same within stipulated period mentioned in tender documents, I/We i.e., the bidder shall be banned from submission of bids in any Works/Service Tender issued by Indian Railways for a period of 12 months from the date of such banning done on e-platform IREPS.
Tender Document Cost	Rs 11,800/- (inclusive of all taxes and duties) to be Submitted in DFCCIL account. Detail of Bank account mentioned in Appendix to Tender.
Issue of Corrigendum, if any	On www.ireps.gov.in
Date and Time of submission of tender	12.02.2021
Date and Time of opening of tender	10.03.2021
Defect Liability Period(warranty) :-	36 Months



2. **ELIGIBILITY CRITERIA**

Eligibility of the applicants shall be assessed based on the “**Eligibility Criteria**”, “**Essential Qualifying Criteria**” and “**Other Qualifying Criteria**” as given in **Notice Inviting E-Tender**.

The Tender document can be downloaded from IREPS website www.ireps.gov.in. Tenderers are advised not to make any corrections, additions or alterations in the downloaded tender documents. In case, any corrections, additions or alterations in the downloaded tender documents are made, such tender shall summarily reject.

3. The cost of tender documents and Bid security Declaration shall be deposited/submitted in DFCCIL account mentioned in Appendix to tender.
4. DFCCIL may issue addendum(s)/corrigendum(s) to the tender documents. In such case, the addendum(s)/corrigendum(s) shall be issued and placed on IREPS website **at least three days in advance** of date fixed for opening of tenders. The tenderers who have downloaded the tender documents from website must visit the website and ensure that such addendum(s)/corrigendum(s) (if any) is also downloaded by them. Such addendum(s)/corrigendum(s) (if any) shall also be submitted, duly stamped and signed, along with the submission of the tenders.
5. The tender documents shall be submitted in online mode through website www.ireps.gov.in in Single Packet System only. The tenderer shall fill the tender with tender schedule through IREPS's website i.e. www.ireps.gov.in.

Bidder shall submit Bid security Declaration & Tender documents cost on or before schedule date & time of submission of bid.

The proof of submission of EMD or Bid security Declaration & Tender documents cost should also be uploaded/ attached along with Bid/offer document online.
6. Bid security Declaration and Tender Document Cost (TDC) in respect of e-tendering shall be accepted through net banking or payment gateway only. MSEs registered with District Industries Centers, Khadi and Village Industries Commission, Khadi and Village Industries Board, Coir Board, National Small Industries Corporation, Directorate of Handicraft and Handloom, any other body specified by Ministry of MSME or Startups as recognized by Department of Industrial policy & Promotion shall be exempted from payment of minimum EMD/ Bid security Declaration detailed in the bid and shall be supplied such tender document free of cost on confirmation (Xerox copy) of their evidence to this effect.
7. Tenders shall be opened at **the address given below** at 15:30 hours on the same day in the presence of the tenderer(s) or their authorized representatives intending to attend the opening.

Address of Office of the Chief General Manager/ TDL (for Opening of E-tenders):

Chief General Manager/TDL, DFCCIL, 3/20, KPS Tower, Mayur Complex, 3rd Floor, Near Tulsi cinema, NH-02, Nagla Padi, Agra-282005, U.P.

All the Bids received shall be opened on the date and time mentioned above in the tender notice, through process of e-tendering. The sequence of opening shall be:



- i) Bid security Declaration
- ii) Technical offer.
- iii) Financial offer.

8. Tender shall be submitted as per “Instructions to Tenderers” forming a part of the tender document.
9. Any tender received without Bid security Declaration in the form as specified in tender documents shall not be considered and shall be summarily rejected.
10. DFCCIL reserves the right to cancel the tenders before submission/opening of tenders, postpone the tender submission/opening date and to accept / reject any or all tenders without assigning any reasons thereof. DFCCIL’s assessment of suitability as per eligibility criteria shall be final and binding.
11. Tenderers may note that they are liable to be disqualified at any time during tendering process in case any of the information furnished by them is not found to be true. The decision of DFCCIL in this regard shall be final and binding.
12. DFCCIL reserves the right to pre-qualify the bidder(s) provisionally based on the documents submitted by them and open financial bid(s), subject to their final verification. In the event of any document being found false, the provisional qualification shall stand withdrawn, and the next lower bidder shall automatically come to the position of such disqualified bidder. Action against such disqualified tenderer shall be taken as per above Clause No. 10.0 of Notice Inviting Tender.
13. The validity of the offer shall be 90 days.
14. The transfer of tender documents purchased by one intending tenderer to another tenderer is not admissible. Tenderer can submit tenders only on the documents purchased/downloaded from website mentioned above.

We look forward for your active participation.

For and on behalf of **DFCCIL**
Chief General Manager/TDL

**ANNEXURE – I****1.0 ELIGIBILITY CRITERIA**

The tenderer shall satisfy the following eligibility criteria to qualify for this tender:

I. Essential Qualifying Criteria**A. Firms/companies:**

- (i) The tenderer should have a registered office anywhere in India.

The documentary proof regarding A. above should be submitted as part of the tender document.

Note: For the purpose of documentary proof of “registered office” as mentioned in (i) above any address of office as mentioned in any of the following documents submitted along with the original offer by tenderer(s) may be considered as registered office of the tenderer(s).


1. Address mentioned in the article of association of company duly registered under Companies Act, 1956.
2. Address mentioned in Partnership Deed
3. Address mentioned in Trade License obtained by the individual from Govt. body.
4. Address mentioned in any tax departments.
5. Address mentioned in P.F. Registration documents.

- (ii) The tenderer shall submit the copy of MOU with OEM for CCTV Cameras, Video recording software, Video analytic software, Servers and external storage device, and shall submit OEM certificate that all these offered devices are in compliance with respective RDSO inspection clause, mentioned in BOQ.

B. Technical capability:

1. In support of their credentials, the Tenderer(s) should have to submit documents as stipulated in tender document along with their tenders.
2. The tenderer(s) should satisfy the following minimum eligibility criteria as under

	Technical capability	Requirement
1	The Tenderer(s) should have physically completed at the time of opening of tender in the last Three financial years (i.e. current year and three previous financial years).	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.
2(a)	The registration for ESI,EPF,GST/GST PAN No. with the appropriate authorities under Employee's provident fund &	Registration Certificate/Affidavit/Documents with Government /PSU/Public Limited company to be enclosed.

	Employee's state insurance act etc.	Performa for Affidavit is given as Annexure-II & Annexure- II 'A' of Bid Documents.
2(b)	Affidavit that the firm has not been black listed for business by any Government/PSU/Public Limited Company and Reputed firms/organizations or /and that in last three years to be reckoned from date of invitation of tender there has not been any work cancelled against them for poor performance.	
2(c)	Registered under Contract Labour (Regulation & Abolition) Act -1970	

The Tenderer(s) will produce/attach the certificate of Work completion with the Tender Document as per above and such certificate should clearly supported by following details: -

- Name of Agency issuing a certificate.
- Date of issue of certificate.
- The name of Work.
- The Acceptance letter no.
- The date of issue of Acceptance letter.
- Agreement no.
- Date of execution of Agreement.
- Date of original Completion of Work as per Acceptance Letter.
- Date of Actual completion of Work.
- The Amount of Work done as per Agreement (in Rupees).
- The Final Amount of Work at the time of Completion of Work (in Rupees).
- Whether the Work is completed satisfactory or not satisfactory.


Notes:

Following will be considered as similar work:

“Any work of supply, installation, testing, commissioning of Video Surveillance system involving networking of CCTV systems at various locations in Railways/ metro railway/DFCCIL/Railtel or any other Central/state govt. and central/state PSU's”

C. Financial capability

S.N	Financial capability	Requirement
1.	The Tenderer(s) should have received a total contractual amount during the last three Financial years and in the current financial year up to last date of submission of tender.	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.

- 1.1  Each tenderer has to satisfy the eligibility criteria for technical capability, competence as well as for financial capacity and organizational resources as specified in the tender documents to qualify for consideration of bid submitted by tenderer(s).
- 1.2 There should not be any unsatisfactory performance report of the Contractor from any source.
- 1.3 Tenderer(s) may please note that their offers will be evaluated as per the credentials/ documents attached by the tenderer(s) along with the tender.



II. Documents to be Submitted Along with Tender

- (i) The tenderer shall clearly specify whether the tender is submitted on his own (Proprietary Firm) or on behalf of a Partnership Firm / Company / Joint Venture (JV) / Registered Society / Registered Trust / HUF etc. The tenderer(s) shall enclose the attested copies of the constitution of their concern, and copy of PAN Card along with their tender. Tender Documents in such cases are to be signed by such persons as may be legally competent to sign them on behalf of the firm, company, association, trust or society, as the case may be.
- (ii) Following documents shall be submitted by the tenderer:
 - (a) Sole Proprietorship Firm:
 - (i) An undertaking that he is not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of opening of bids, either in individual capacity or as a member of the partnership firm or JV in which he was / is a partner/member. Concealment / wrong information in regard to above shall make the contract liable for determination under Clause 62 of the General Conditions of Contract.
 - (ii) All other documents in terms of explanatory notes of GCC 2014.
 - (b) **HUF:**
 - (i) A copy of notarized affidavit on Stamp Paper declaring that he who is submitting the tender on behalf of HUF is in the position of 'Karta' of Hindu Undivided Family (HUF) and he has the authority, power and consent given by other members to act on behalf of HUF.
 - (ii) An undertaking that the HUF is not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of opening of bids, either in individual capacity or as a member of the partnership firm or JV in which HUF was / is a partner/member. Concealment / wrong information in regard to above shall make the contract liable for determination under Clause 62 of the General Conditions of Contract.
 - (iii) All other documents in terms of explanatory notes of GCC 2014.
 - (c) **Partnership Firm:**
 - (i) The tenderer shall submit documents as mentioned in clause 18 of the Tender Form (Second Sheet).
 - (d) **Joint Venture (JV):** The tenderer shall submit documents as mentioned in Clause 17 of the Tender Form (Second Sheet).
Note: Joint Venture (JV) are not permitted for this tender.
 - (e) **Company registered under Companies Act 2013:**
 - (i) The copies of **MOA (Memorandum of Association) / AOA (Articles of Association)** of the company
 - (ii) A copy of Certificate of Incorporation
 - (iii) A copy of Authorization/Power of Attorney issued by the Company (backed by the resolution of Board of Directors) in favour of the individual to sign the tender on behalf of the company and create liability against the company.
 - (iv) An undertaking that the Company is not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of opening of bids, either in individual capacity or as a member of the partnership firm or JV in which the Company was / is a partner/member. Concealment / wrong information in regard to above shall make the contract liable for determination under Clause 62 of the General Conditions of Contract.
 - (v) All other documents in terms of explanatory notes of GCC 2014.



- (f) **LLP (Limited Liability Partnership):** If the tender is submitted on behalf of a LLP registered under LLP Act-2008, the tenderer shall submit along with the tender:
- (i) A copy of LLP Agreement
 - (ii) A copy of Certificate of Incorporation
 - (iii) A copy of Power of Attorney/Authorization issued by the LLP in favour of the individual to sign the tender on behalf of the LLP and create liability against the LLP.
 - (iv) An undertaking that the LLP is not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of opening of bids, either in individual capacity or as a member of JV in which the LLP was / is a member. Concealment / wrong information in regard to above shall make the contract liable for determination under Clause 62 of the General Conditions of Contract.
 - (v) All other documents in terms of explanatory notes of GCC 2014.
- (g) **Registered Society and Registered Trust:** The tenderer shall submit:
- (i) A copy of the Certificate of Registration
 - (ii) A copy of Deed of Formation
 - (iii) A copy of Power of Attorney in favour of the individual to sign the tender documents and create liability against the Society/Trust.
 - (iv) All other documents in terms of explanatory notes of GCC 2014.
- (iii) If it is NOT mentioned in the submitted tender that tender is being submitted on behalf of a Sole Proprietorship firm / Partnership firm / Joint Venture / Registered Company etc., then the tender shall be treated as having been submitted by the individual who has signed the tender.
- (iv) After opening of the tender, any document pertaining to the constitution of Sole Proprietorship Firm / Partnership Firm / Registered Company/ Registered Trust / Registered Society / HUF etc. shall be neither asked nor considered, if submitted. Further, no suo moto cognizance of any document available in public domain (i.e., on internet etc.) or in Railway's record/office files etc. will be taken for consideration of the tender, if no such mention is available in tender offer submitted.
- (v) A tender from JV / Partnership firm etc. shall be considered only where permissible as per the tender conditions.
- (vi) The Railway will not be bound by any change in the composition of the firm made subsequent to the submission of tender. Railway may, however, recognize such power of attorney and changes after obtaining proper legal advice, the cost of which will be chargeable to the Contractor.
- III.** The tenderer whether sole proprietor / a company or a partnership firm / joint venture (JV) / registered society / registered trust / HUF etc if they want to act through agent or individual partner(s), should submit along with the tender, a copy of power of attorney duly stamped and authenticated by a Notary Public or by Magistrate in favour of the specific person whether he/they be partner(s) of the firm or any other person specifically authorizing him/them to submit the tender, sign the agreement, receive money, co-ordinate measurements through contractor's authorized engineer, witness measurements, sign measurement books, compromise, settle, relinquish any claim(s) preferred by the firm and sign "No Claim Certificate" and refer all or any disputes to arbitration. The above power of attorney shall be submitted **even if** such specific person is authorized for above purposes through partnership deed / Memorandum of Understanding / Article of Association or such other document, failing which tender is liable to be rejected.



IV. Employment/Partnership etc. of Retired Railway Employees:

- (a) Should a tenderer
- i) be a retired Engineer of the gazetted rank or any other gazetted officer working before his retirement, whether in the executive or administrative capacity or whether holding a pensionable post or not, in the Engineering or any other department of any of the railways owned and administered by the President of India for the time being, OR
 - ii) being partnership firm / joint venture (JV) / registered society / registered trust etc have as one of its partners a retired Engineer of the gazetted rank or any other gazetted officer working before his retirement, OR
 - iii) being an incorporated company have any such retired Engineer of the gazetted rank or any other gazetted officer working before his retirement as one of its directors

AND

in case where such Engineer or officer had not retired from government service at least 1 year prior to the date of submission of the tender

THEN

the tenderer will give full information as to the date of retirement of such Engineer or gazetted officer from the said service and as to whether permission for taking such contract, or if the Contractor be a partnership firm or an incorporated company, to become a partner or director as the case may be, has been obtained by the tenderer or the Engineer or officer, as the case may be from the President of India or any officer, duly authorized by him in this behalf, shall be clearly stated in writing at the time of submitting the tender.

- b) In case, upon successful award of contract, should a tenderer depute for execution of the works under or to deal matters related with this contract, any retired Engineer of gazette rank or retired gazetted officer working before his retirement in the Engineering or any other department of any of the railways owned and administered by the President of India for the time being, and now in his employment, then the tenderer will ensure that retired Engineer or retired gazetted officer had retired from government service at least 1 year prior to the date of his employment with tenderer and in case he had retired from service within a year then he possesses the requisite permission from the President of India or any officer, duly authorized by him in this behalf, to get associated with the tenderer.
- c) Should a tenderer or Contractor being an individual, have member(s) of his family or in the case of partnership firm/ company / joint venture (JV) / registered society / registered trust etc. one or more of his partner(s)/shareholder(s) or member(s) of the family of partner(s)/shareholder(s) having share of more than 1% in the tendering entity employed in gazetted capacity in the Engineering or any other department of the railway, then the tenderer at the time of submission of tender, will inform the authority inviting tenders the details of such persons.

Note:-If information as required as per 16.a), b), c) above has not been furnished, contract is liable to be dealt in accordance with provision of clause 62 of Standard General Condition of contract.



GENERAL INFORMATION	
Tender No.	DFC-TDL-SnT-CCTV2021-T001
Name of Work	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
Estimated Cost of work	Rs 8,65,35,130/-
Period of Contract	Total 06 (Six) Months
Earnest Money Deposit	Bid security Declaration to be submitted in following format : I/We, M/s_____am/are aware that I/We have been exempted from submission of Bid Security/Earnest Money Deposit in lieu of this Bid Security Declaration. I/We understand and accept that if I/We withdraw my/our bid within bid validity period or if awarded the tender and on being called upon to submit the Performance Guarantee/Performance Security fail to submit the same within the stipulated time period mentioned in tender documents or on being called upon to sign the contract agreement fail to sign the same within stipulated period mentioned in tender documents, I/We i.e., the bidder shall be banned from submission of bids in any Works/Service Tender issued by Indian Railways for a period of 12 months from the date of such banning done on e-platform IREPS.
Tender Document Cost	Rs 11800/- (inclusive of all taxes and duties) to be Submitted in DFCCIL account. Detail of Bank account mentioned in Appendix to Tender.
Issue of Corrigendum, if any	
Date and Time of submission of tender	27.01.2021
Date and Time of opening of tender	18.02.2021
Validity of Offer	90 days
Performance Guarantee (PG) in the form of Bank Guarantee or Fixed Deposit Receipt (FDR)	To be submitted within 30 days from the date of issue Letter of acceptance by DFCCIL; an irrevocable Bank Guarantee or Fixed Deposit receipt (FDR) for the amount 3% of the contract value. Detail of PG in Clause no 19.0 of special condition of Contract.
Defect Liability Period/Warranty :-	36 Months



(APPENDIX TO TENDER)



APPENDIX TO TENDER

Description	Reference Clause
Name of work	
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.	2.1 of Instruction to Tender
Employer	
CGM/TDL, DFCCIL,3/20, KPS Tower, Mayur Complex ,3rd Floor, Near Tulsi Cinema , NH-2 Nagla Padi Agra-282002	2.3 of Instruction to Tender
Scope of Work:- As indicated at Clause 5.0 of Special conditions of contract	2.5 of Instruction to Tender
Estimated Cost of the work : Rs. 8,65,35,130/-	2.6 of Instruction to Tender
Amount of Earnest Money Deposit, to be submitted / deposited to DFCCIL account (Bank Detail mentioned below)	10.0 of Instruction to Tender
Period of Validity of Tender : 90 days	11.0 of Instruction to Tender
Retention money	17.0 of Special Condition of Contract
Performance Bank Guarantee	19.0 of Special Condition of Contract
Defect Liability Period/Warranty: Thirty Six Months	20.0 of Special Condition of Contract
Bank Detail of DFCCIL	Name of Account DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD to be deposited online through payment gateway provided at www.ireps.gov.in



(INSTRUCTIONS TO TENDERER)

Instructions to Tenderer

1.0 General (for on line tendering system)

Submission of Online Bids is mandatory for this Notice Inviting Tender. E-Tendering is a new methodology for conducting Public Procurement in a transparent and secured manner. Suppliers/ Vendors will be the biggest beneficiaries of this new system of procurement. For conducting electronic tendering, DFCCIL, Delhi has decided to use the portal (<https://www.ireps.gov.in>) of a Government of India. Benefits to Suppliers/service providers are outlined on the Home-page of the portal.

1.1 Instructions

a. Online E-Bidding Methodology:

Online E- Bid System – Financial bids and Technical bids shall be submitted by the bidder at the same time in single Packet

b. Broad outline of activities from Bidders perspective:

- i. Procure a Digital Signing Certificate (DSC)
- ii. Register on Electronic Tendering System (ETS)
- iii. Create Users and assign roles on ETS
- iv. View Notice Inviting Tender (NIT) on ETS
- v. Download Official Copy of Tender Documents from ETS
- vi. Clarification to Tender Documents on ETS – Query to DFCCIL (Optional) - view response to queries posted by DFCCIL, through addenda.
- vii. Bid-Submission on ETS: Prepare and arrange all document/paper for submission of bid online and tender fees and EMD deposit on offline.
- viii. Attend Public Online Tender Opening Event (TOE) on ETS
- ix. Post-TOE Clarification on ETS (Optional)-Respond to DFCCIL's Post-TOE queries
- x. Attend Public Online Tender Opening Event (TOE) on ETS

For participating in this tender online, the following instructions are to be read carefully. These instructions are supplemented with more detailed guidelines on the relevant screens of the ETS.

Note 1: It is advised that all the documents to be submitted are kept scanned and converted to PDF format in a separate folder on your computer before starting online submission. Fin. Offer tab brings up the Financial Offer Page where the bidder can submit his rates against the schedule items included in the tender.

Note 2: While uploading the documents, it should be ensured that the file name should be the name of the document itself.

c. Digital Certificates

For integrity of data and its authenticity/non-repudiation of electronic records and to be compliant with IT Act 2000, it is necessary for each user to have a Digital Certificate (DC), also referred to as Digital Signature Certificate (DSC), of Class-III issued by a Certifying Authority (CA) licensed by Controller of Certifying Authorities (CCA) [refer <http://www.cca.gov.in>].

d. Registration

The Tender document can be downloaded from the website www.ireps.gov.in and to be submitted in the e-format. Cost of the Tender Document (in the form of DD) and Bid Security (in the form of DD - in original) have to be submitted to concern DFCCIL office as per address given in bid document or online through IREPS portal before the scheduled date and time of submission of the tender otherwise the Bid will not be considered. Amendments, if any, to the tender document will be notified in the above website as and when such amendments are notified. It is the responsibility of the bidders who have downloaded the tender document from the website to keep themselves abreast of such amendments before submitting the tender document.

Intending bidders are requested to register themselves with www.ireps.gov.in for obtaining user-id, Digital Signature etc. by paying Vendor registration fee and processing fee for participating in the above mentioned tender.

- e.** DFCCIL has decided to use process of e-tendering for inviting this tender and thus the physical copy of the tender would not be sold.

2.0 General (for tender)

2.1 Name of the Work: 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.

2.2 “A bidder in the capacity of Individual or Sole Proprietor, Partnership Firm, or Company can participate in the tender and the bidder must forward attested copies of the constitution of its firm such as partnership deed, Memorandum and Articles of Association, etc. along with original Power of Attorney of authorized Signatory”.

2.3 The work is proposed to be executed under the following relationship.

A) Employer: DFCCIL address - CGM/TDL, DFCCIL,3/20, KPS Tower, Mayur Complex ,3rd Floor, Near Tulsi Cinema , NH-2 Nagla Padi Agra-282002

B) Contractor: The successful tenderer to whom the work is awarded shall become the contractor for the execution of this work.

2.4 Throughout these bidding documents, the terms “bid” and “tender” and their derivatives (“bidder”/“tenderer”), “bid/tendered”, “bidding”/“tendering”, etc.) are synonymous. Day means calendar day. Singular also means plural.

2.5 Scope of Work –

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.

The scope given above is only indicative. The detailed scope has been described in the tender documents. (Special condition of contract and Annexure III)

2.6 Estimated cost of the work: 8,65,35,130/-

2.7 Tenderer(s) may carefully note that they are liable to be disqualified at any time during tendering process in case any of the information furnished by them is not found to be true. In addition, the EMD of such tenderer shall be forfeited. The decision of Employer in this respect shall be final and binding.

2.8 A bidder shall submit only one bid in the capacity of an Individual or Sole Proprietor, Partnership firm or Company. Violation of this condition is liable to disqualify the tenders in which such bidder has participated and EMD of all such tenderer(s) shall stand forfeited.

3.0 Cost of Bidding

3.1 The bidder shall bear all costs associated with the preparation and submission of the bid and the Employer will in no case be responsible or liable for these costs regardless of the conduct or the outcome of the bidding process.

B. The Bidding Documents

4.0 Content of bidding documents submitted through online mode only

4.1 The bidding documents include the following:

1. Notice Inviting Tender
2. Instructions to tenderer(s)
3. Appendix to Tender
4. Tender Form
5. Special Conditions of Contract
6. General Terms and Conditions of Contract
7. Financial bid and Bill of Quantities

4.2 The bidder is expected to examine all instructions, terms, conditions, forms, specifications and other information in the bidding documents. Failure to furnish all information required by the bidding documents or submission of a bid not substantially responsive to the bidding documents in every respect will be at the bidders’ risk and may result in rejection of his bid.

5.0 Understanding and Amendment of Tender Documents

- 5.1** The bidder must obtain for itself on its own responsibility and its own cost all the information including risks, contingencies and other circumstances in execution of the work. It shall also carefully read and understand all its obligations and liabilities given in tender documents.
- 5.2** The bidder is advised to visit and examine the site where the work is to be executed and its surroundings or other areas as deemed fit by the bidder and obtain for itself on its own responsibility all information that may be necessary for preparing the bid and execution of the contract. The cost of visiting the site and collecting relevant data shall be at the bidder's own expenses. It is a condition of the tender that the tenderer is deemed to have visited the site and satisfied himself with all the conditions prevailing including any difficulties for executing the work.
- 5.3** At any time prior to the deadline for submission of bids, Employer may for any reason whether at its own initiative or in response to any request by any prospective bidder amend the bidding documents by issuing Corrigendum, which shall be part of the Tender documents.
- 5.4** Employer may at its discretion extend the deadline for submission of the bids at any time before the time of submission of the bids.

C. Preparation of the Bids

6.0 Language of Bid

- 6.1** The bid prepared by the bidder and all documents related to the bid shall be written in English.

7.0 Signing of All Bid papers and Completing Bill of Quantities

- 7.1** All the pages of the tender documents and Bill of Quantities submitted by tenderer shall be digitally signed by the tenderer or his representative holding the Power of Attorney.
- 7.2** While filling up the rates in the Bill of Quantities, tenderer shall ensure that there is no discrepancy in the rates mentioned in figures. In case of any discrepancy, the unit rate mentioned in the words shall be taken as final and binding.

The prices must be filled after downloading the financial bid document in the prescribed format issued through online e-tendering website. The financial bid should be saved and dully filled up and uploaded on the e-tendering web site using Digital Signature for signing the documents.

- 7.3** The tenderer must fill and submit the prices as per instructions given in schedule of rates. He shall not make any addition or alteration in the tender documents. The requisite details should be filled in by the tenderer wherever required in the documents. Incomplete tender or tender not submitted as per instructions is liable to be rejected. If a tenderer does not quote a price/rate as per instructions, his tender shall be summarily rejected.

- 7.4 The tenderer must ensure that tender documents shall be submitted on line through class 3 Digital Signature only. To participate in the E-Bid submission, it is mandatory for the bidders to have user ID and password in www.ireps.gov.in through IREPS portal.

8.0 **Deviations**

The tenderer should clearly read and understand all the terms and conditions, specifications, etc. mentioned in the original tender documents. If the tenderer has any observations, the same may be indicated in his forwarding letter along with the tender. Tenderer are advised not to make any corrections, additions or alterations in the in his own entries the same shall be initialed and stamped by him. If this condition is not complied with, tender is liable to be rejected.

9.0 **Transfer of tender documents**

Transfer of tender documents purchased by one intending tenderer to another tenderer is not permissible. Tenderer can submit tender only on the documents purchased by him.

10.0 **Earnest Money (Bid Security)**

10.1 **Bid security Declaration to be submitted in following format :**

I/We, M/s_____am/are aware that I/We have been exempted from submission of Bid Security/Earnest Money Deposit in lieu of this Bid Security Declaration. I/We understand and accept that if I/We withdraw my/our bid within bid validity period or if awarded the tender and on being called upon to submit the Performance Guarantee/Performance Security fail to submit the same within the stipulated time period mentioned in tender documents or on being called upon to sign the contract agreement fail to sign the same within stipulated period mentioned in tender documents, I/We i.e., **the bidder shall be banned from submission of bids in any Works/Service Tender issued by Indian Railways for a period of 12 months from the date of such banning done on e-platform IREPS.**

10.2 Forfeiture of Earnest Money:

Not applicable

10.3 Return of Earnest Money:

Not applicable

11.0 Period of validity of the tender:

11.1 The tender shall remain valid for the period 90 days after the date of the opening of the tender. If the Tenderer gives validity period less than that fixed/prescribed by Employer, the tender shall be liable to be rejected.

11.2 Notwithstanding the above clause, Employer may solicit the tenderer's consent to an extension of the validity period of the tender. The request and the response shall be made in writing.

Submission of Bids

12.0 Deadline for submission of tender

12.1 The tender documents shall be submitted in online mode through website www.ireps.gov.in in single bids only. Single offer viz. containing Technical offer and financial offer along with necessary documents like scanned copy of EMD and scanned copy of Demand Draft/Pay order drawn in favour of DFCCIL, payable at Agra towards the cost of one set of the tender documents (Non-refundable) to be uploaded. Detailed credentials as per the requirement of eligibility criteria and all tender papers except Bill of Quantities are to be uploaded in "**Technical offer**". Bill of Quantities with rates duly filled in are to be uploaded in "**Financial offer**". **Bids are required to be submitted only by online mode. The prices must be filled after downloading the financial bid document in the prescribed format issued through online e-tendering website. The financial bid should be saved and dully filled up and uploaded on the e-tendering web site using Digital Signature class 3 for signing the documents.**

- 12.2 A tender received without on line to Employer is liable to be rejected.
- 12.3 Bidder cannot see uploaded/ quoted rate once saved. Bidder can anytime change quoted rate before date and time of closing of tender.
- 12.4 Original EMD or Bid security declaration and tender document fees received after opening of the tender shall be rejected.

13.0 Withdrawal of tender

No tender can be withdrawn after submission and during tender validity period.

- 14.0 Submission of a tender by a tenderer implies that he had read all the tender documents including amendments if any, visited the site and has made himself aware of the scope and specifications of the work to be done, local conditions and other factors having any bearing on the execution of the work.

15.0 Submission of tender/bid:-

- 15.1 The tenders shall be submitted on or before the due date and time with all the relevant documents as mentioned in Notice Inviting E-tender and the following:
- a) Forwarding letter of the tenderer.
 - b) Documents to be submitted as per checklist of documents
 - c) Scanned copy of Earnest Money Deposit or Bid security declaration and tender document fees.
 - d) The Bill of Quantities with prices quoted as mentioned.
- 15.2 Earnest Money or Bid security declaration and tender document fees shall be deposited in DFCCIL account and proof of transaction along with transaction ID to be scanned and uploaded along with Tender document.

16.0 Bid opening and Evaluation

- 16.1 **Opening of the Tender** :- Tenders will be opened on line at the address mentioned in “Notice Inviting Tender” in presence of tenderer(s) or authorized representatives of tenderer(s) who wish to attend the opening of tenders.

The sequence of opening shall be:

- i) Earnest Money Deposit(EMD) or Bid Security Declaration
- ii) Technical offer.
- iii) Financial offer.

- 16.2 Tenderer(s) or their authorized representatives who are present shall sign register in evidence of their attendance.
- 16.3 Tenderer’s name, presence or absence of requisite Earnest Money, total cost of work quoted or any other details as Employer may consider appropriate will be announced and recorded at the time of bid opening.

17.0 Clarification of the tenders

- 17.1 To assist the examination, evaluation and comparison of the tenders, Employer may at his discretion ask the tenderers for any clarifications as considered essential. All

such correspondence shall be in writing and no change in price or substance of the tender shall be sought or permitted. The above clarification for submission of the details shall form part of the tender and shall be binding on tenderer.

18.0 Preliminary examination of bids

18.1 The Employer shall examine the bids to determine whether they are complete, whether any computational errors have been made, whether the documents have been properly signed and whether the bids are generally in order.

18.2 Arithmetical errors shall be rectified on the following basis if found. If there is a discrepancy between the unit price and the total price, which is obtained by multiplying the unit price and quantity, or between subtotals and the total price, the unit or subtotal price shall prevail, and the total price shall be corrected. If there is a discrepancy between words and figures, the rate in words shall prevail.

18.3 Prior to the detailed evaluation, Employer shall determine whether each bid is of acceptable quality, is generally complete and is substantially responsive to the bidding documents. For purposes of this determination, a substantially responsive bid is one that conforms to all the terms, conditions and specifications of the bidding documents without material deviations, objections, conditionality or reservation. A material deviation, objections, conditionality or reservation is one:

- i) That affects in any substantial way the scope, quality or performance of the contract.
- ii) That limits in any substantial way, inconsistent with the bidding documents, the Employers' rights or the successful Bidder's obligations under the contracts; or
- iii) Whose rectification would unfairly affect the competitive position of other Bidders who are presenting substantially responsive bids.

18.4 If a bid is not substantially responsive, it shall be rejected by the Employer.

18.5 In case of tenders containing any conditions or deviations or reservations about contents of tender document, Employer may ask for withdrawal of such conditions/deviations/reservations. If the tenderer does not withdraw such conditions/deviations/ reservations, the tender shall be treated as non-responsive. Employer's decision regarding responsiveness or non-responsiveness of a tender shall be final and binding.

19.0 Evaluation and comparison of tenders

19.1 In case of open tenders, bids, which are determined as substantially responsive, shall be evaluated based on criteria as given in "**Eligibility Criteria**" and as given in **Annexure-I of Notice Inviting E-Tender**. The tenderer must submit all necessary authentic data with necessary supporting certificates of the various items of evaluation criteria failing which his tender is liable to be rejected.

19.2 The Employer reserves the right to negotiate the offer submitted by the tenderer to withdraw certain conditions or to bring down the rates to a reasonable level. The tenderer must note that during negotiations of rates of items of BOQ can only be reduced and not increased by the tenderer. In case the tenderer introduces any new

condition or increases rates of any item of BOQ, his negotiated offer is liable to be rejected and the original offer shall remain valid and binding on him.

20.0 Canvassing

No tenderer is permitted to canvass to Employer on any matter relating to this tender. Any tenderer found doing so may be disqualified and his bid may be rejected.

21.0. Right to accept any tender or reject all tenders

Employer reserves the right to accept, split, divide, negotiate, cancel or reject any tender or to annul and reject all tenders at any time prior to the award of the contract without incurring any liability to the affected tenderer or any obligation to inform affected tenderer, the grounds of such action.

22.0. If the tenderer, as individual or as a partner of partnership firm, expires after the submission of his tender but before award of work, the Employer shall deem such tender as invalid.

23.0. Award of Contract

23.1 Employer shall notify the successful tenderer in writing by a Registered Letter /Courier /Speed Post or per bearer that his tender has been accepted.

23.2 Letter of Acceptance after it is signed by the Contractor in token of his acceptance shall constitute a legal and binding contract between Employer and the contractor till such time the contract agreement is signed.

24.0 Help desk for E-Tendering

- 24.1** For any difficulty in downloading and submission of tender document visit at website www.ireps.gov.in. Users can send their queries to the Help desk through E-Mail. E-Mail ID of Help Desk is mentioned on the Help desk page (helpdesk.eps@cris.org.in). The reply to the query will be sent to the E-Mail ID of the user.
- 24.2** Bidder manual and system requirement is available on web site www.ireps.gov.in for necessary help.

FORMAT-I

DETAILS OF SIMILAR WORKS COMPLETED IN LAST SEVEN YEARS

S.N.	Description of the work	Contract No. and date	Date of award of work	Stipulated date of completion	Date of actual completion	Value of completed work (In Lakhs of Rs)	Reasons of delays, if any	Penalty. If any, imposed for delay	Any other relevant information	Remarks
1										
2										
3										
4										
5										

Note:

1. Please attach copies of the certificates issued by the client.
2. Only those works shall be considered for evaluation for which copies of the Certificates issued by the client are attached.

FORMAT- II

ANNUAL TURNOVERS FOR THE LAST 3 YEARS				
S. No.	YEAR	Turnover from similar nature of works (In lacs of Rs)	Turnover from all sources (In lacs of Rs)	Remarks
1	2020-21			
2	2019-20			
3	2018-19			
4	2017-18			

Note :

- 1 Please attach certified/attested copies in support of which, the attested certificate from Employer/Client, TDS certificate/Audited Balance Sheet/ P&L Account duly certified by Chartered Accountant etc.

FORMAT-III										
DETAILS OF ONGOING WORKS										
S.N.	Description of the work	Name and address of Employer	Contract No. and date	Date of award of work	Stipulated date of completion	Value of work as per order (In Lakhs of Rs)	Value of work completed so far (In Lakhs of Rs)	Anticipated date of completion of work	Any other relevant information	Remarks
1										
2										
3										
4										
5										
6										
7										
8										
9										

Note: 1. In case of joint venture, the information is to be furnished by both the partners – *Not applicable for this tender.*

(SPECIAL CONDITIONS OF CONTRACT)



SPECIAL CONDITIONS OF CONTRACT

1.0 INTRODUCTION

Dedicated Freight Corporation of India (DFCCIL) is a Public Sector Undertaking under the administrative control of Government of India (Ministry of Railways) for construction, maintenance and operation of the Dedicated Rail Freight Corridors. At present the company is undertaking construction of Eastern and Western corridors and has its corporate office at New Delhi and Field Units at various cities associated with CGM unit.

CGM/Tundla unit have jurisdiction from New Bhaupur to New Khurja with it's CGM/Tundla office at Agra.

This part deals with general information and criteria for 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.

2.0 Definitions

2.1 In the Conditions of Contract, the following terms shall have the meanings assigned here under except where the context otherwise requires:

- i) "Railway" shall mean the President of the Republic of India or the Administrative Officers of the DFCCIL/Railway or of the successor. DFCCIL authorized or any other officer of DFCCIL authorized to deal with any matters which these presents are concerned on his behalf.
- ii) "CHIEF GENERAL MANAGER" shall mean the officer in administrative in-charge of the project in charge of APL-1 section (Bhaupur –Khurja) and shall mean and include their successors, of the successor DFCCIL.
- iii) "GENERAL MANAGER/DEPUTY CHIEF PROJECT MANAGER" shall mean the officer in charge of lotwise or department /SandT/Electrical/Finance wise (Engineering department) of the DFCCIL include their successors of and shall mean and the successor DFCCIL.
- iv) PROJECT MANAGER/ DEPUTY PROJECT MANAGER/ASSISTANT PROJECT MANAGER shall mean the officer department wise (Engineering /SandT/ Electrical/ Finance Department) of the DFCCIL and shall mean and include their successors of the success of DFCCIL.
- v) "TENDER or BID" means the offer (Technical and/or Financial) made by individual, firm, Company, corporation, or Consortium for the execution of the works.
- vi) "TENDERER" shall mean the person/ the firm or company whether incorporated or not who tenders for the work with a view to execute the works on contract with DFCCIL and shall include their personal representatives, successors and permitted assigns.
- vii) "WORKS" shall mean the works contemplated in scope and schedules set forth in the tender forms and required to be executed according to terms and condition mentioned.
- viii) "Bill of Quantities (B.O.Q.)"/ "Schedule of Rates" means list of items of work, their quantities and rates as accepted and forming part of contract agreement.
- ix) "EMPLOYER" means the Dedicated Freight Corridor Corporation of India Limited, A Govt. of India Undertaking (DFCCIL in abbreviation) acting through its Managing Director or any other authorized officer and shall include their legal successors in title and permitted assignees.
- xi) "CONTRACT" shall mean and include the Agreement or Letter of Acceptance, the accepted Bill of Quantities and Rates, the General Conditions of Contract, Special



- Conditions of Contract, Appendix to Tender, Tender Form, and Instructions to the Tenders and other Tender Documents.
- xii) “CONTRACTOR” shall mean the person or firm, company, corporation, whether incorporated or not who enters into the contract with DFCCIL and shall include legal representatives of such individual or persons comprising such firm or company or successors of such firm or company as the case may be such individual, or firm or company.
 - xiii) "ENGINEER OR ENGINEER IN CHARGE" means the Chief General Manager of DFCCIL/ Tundla(Employer), or any other officer authorized by the Employer to act on his behalf and for the purpose of operating the contract. “Engineers Representative” shall mean officer authorized by DFCCIL in direct charge of works.
 - xv) “ACCEPTING AUTHORITY” shall mean the Chief General Manager/Tundla of DFCCIL or any other officer authorized for dealing with the works for the purpose of this tender/Contract.
 - xvi) Definitions mentioned in these tender documents elsewhere will be followed. In Case there is an ambiguity in any definition, the decision of CHIEF GENERALMANAGER /Tundla / DFCCIL regarding the interpretation shall be final and binding.
 - xvii) All testing and inspection will be born by the contractor.
 - xviii) “RH” means the Relay Hut adjoin to the DFCCIL stations.
 - xix) “ALH” means Automatic Location hut” between the stations on average every 6 km distance From RH and 6km distance between two ALH .
 - xx) “IMD/IMSD” Integrated Maintenance Depot /Sub depot at Station.
 - xxi) “SP/SSP” means the section/sub section post of Electrical dept.
 - xxii) GSMR hut means Global System for Mobile Communication –Railway hut.

3.0	Payment Terms and Penalty : Subject to any deduction which the DFCCIL will be authorized to make under the terms of contract that may be applicable while accepting the tender, the Contractor shall be entitled for payment as follows: The payment can be released after the compliance of clause pertaining to indemnity bond
3.1	For Supply Items
(I)	80% of the value of Supply items shall be paid on production of the following:
a	The materials as per Schedule of Materials supplied by contractor and accepted by the consignee.
b	Original Inspection certificate issued by Inspecting Officer.
c	Challan /Invoice in duplicate.
d	Proof of purchase.
e	OEM certificate
f	A certificate should be submitted by the contractor that the materials supplied are as per the contract and the amount claimed in the invoice is correct as per terms of the contract.
(II)	Additional 10% value of the items mentioned in 3.1 will be paid on successful completion of the entire work to the satisfaction of the Engineer in charge and issue of Provisional Acceptance Certificate (PAC).
3.2	For Supply & Installation Items
(I)	70% of the value of supply & Installation items shall be paid on production of the following
a	The materials as per Schedule of Materials supplied by contractor and accepted by the consignee.
b	Original Inspection certificate issued by Inspecting Officer.
c	Challan /Invoice in duplicate.
d	Proof of purchase.
e	OEM certificate
f	A certificate should be submitted by the contractor that the materials supplied are as per the contract and the amount claimed in the invoice is correct as per terms of the contract.
(II)	10% value of items mentioned in 3.2 (in addition to 70% already paid) shall be paid after the successful installation, Testing, commissioning & integration of CCTV system,



	pertaining to individual security centre.
(III)	Additional 10% value of the items mentioned in 3.2 will be paid on successful completion of the entire work to the satisfaction of the Engineer in charge and issue of Provisional Acceptance Certificate (PAC).
3.3	For Installation Items
(I)	80% of the value of Installation items shall be paid on Installation of Items & certified by Site in charge
(II)	Additional 10% value of the items mentioned in 3.3 will be paid on successful completion of the entire work to the satisfaction of the Engineer in charge and issue of Provisional Acceptance Certificate (PAC).
3.4	For Schedule B, Item no. 1 & 2 payment will be made on monthly basis.
3.5	Balance 10% payment of all the items covered in Para 3.1, 3.2 & 3.3 will be paid on the expiry of the 3 years warranty maintenance period & issuance of Final Acceptance Certificate, after deducting penalty charges of Warranty maintenance period & recovery if any.
	Note : If contractor desires then balance 10% payment as mentioned in Para 3.4 can be released after completion of entire work, against submission of irrevocable bank guarantee of equal amount, minimum valid for entire Warranty Maintenance period plus 60 days.
3.6	Consignee : The consignee for this work will be nominated by the CGM/Tundla.
3.7	Price Variation Clause (PVC) : NOT APPLICABLE for this Tender
3.8	Penalty :
	<p>a. Rs 50 per day per camera for non functioning of individual camera at any location after 48 hr of reporting.</p> <p>b. Rs 500 per day per location after one day of reporting excluding the reporting day if complete location is out from system.</p> <p>c. Rs 1000 per day for Failure of station monitoring system.</p> <p>d. Rs 2000 per day if control center systems remain fail penalty will applicable after 24 hr of reporting.</p> <p>e. In case of penalty under b, c & d para individual camera penalty will not be applicable.</p>

4.0 GENERAL DESCRIPTION OF SITE AREA, CLIMATIC CONDITIONS AND SYSTEM PARTICULARS

The tenderer/s are requested to visit the area of work and ascertain himself/themselves with the proposed works / services, surroundings and prevailing law and order conditions.

The location of the traction sub-stations are located in the state of Uttar Pradesh. Structures and foundations for CCTV shall be designed suitably according to local environments conditions.

5.0 SCOPE OF WORK:-

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 and AMC of complete system for 5 Years after expiry of 3 year warranty period.

6.0 Detailed Scope of Work and other conditions : -

The works to be governed by this contract shall cover manufacturing, supplying, transportation till destination, safe custody at site, insurance, erection, testing and commissioning of works as per specifications in special condition of contract and explanatory notes of this tender and as per latest RDSO specifications.

The brief scope of work covers “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 and AMC of complete system for 5 Years after expiry of 3 year warranty period.”

Place of work- In the jurisdiction of DFCCIL, New Bhaupur – New Khurja section under CGM Tundla.

The work shall be executed under supervision of authorized representative of CGM/TDL, Dy.CPM/S&T/TDL or PM/S&T/TDL.

If required by DFCCIL any other station/Site may be included under Schedule of work and no additional charges shall be given for this.

6.1 Quantities in schedule annexed to Contract- The quantities set out in the accepted schedule of rates with item of work quantified are the estimated quantities of the works and they shall not be taken as the actual and correct quantities of the works to be executed by the Contractor in fulfillment of his obligations under the contract. The actual/final quantity shall be executed as per approved design and drawing which is to be prepared by contractor if required. All the design calculations, if any, shall be done by contractor before execution of work. The contractor shall be responsible for any wastage of material due to mistake in design calculations.

6.2 New item of work – If during execution of the work, the contractor is called upon to carry out any new item of work not included in schedule of prices, the contractor shall execute such work at such prices as may be mutually agreed with the purchaser before commencement.

If required by DFCCIL, the contractors have to execute some portion of work as per/under the tender schedule at new location (at the same rate/ Price) over Uttar Pradesh.

6.3 LOCAL CONDITIONS:

- a. It will be imperative on each tenderer to fully acquaint himself with all the local conditions and factors which would have any effect on the performance of the contract and cost of the stores. The DFCCILs shall not entertain any request for clarifications from the tenderer regarding such local conditions. No request for the change of price, or time schedule of completion of work on account of any local condition or factor shall be entertained after the offer is accepted.
- b. The intending tenderer will be deemed to have satisfied himself by actual inspection of the site and locality of the works, that all conditions liable to be encountered during the execution of the works are taken into account and that the rates he enters in the tender papers are adequate and all inclusive, for the completion of works to the entire satisfaction of the DFCCILs.
- c. In the event of the intending tenderer desiring to have a field survey before furnishing his tender/quotations, he may apply to DFCCILs for permission in this regard. The DFCCILs



will give such permission in writing but all the expenses in this regard will be borne by the tenderers.

- d. The intending tenderer is advised to study the tender papers carefully, any submission of a bid by the tenderers shall be deemed to have been done after a careful study and examination of these documents with full understanding of the implication thereof. These conditions and specifications shall be deemed to have been accepted unless otherwise, specifically commented upon by the Tenderer in his offer. Failure to adhere to anyone of these instructions may render his offer liable to be ignored without any references.

6.4 COMPLIANCE:

- a. Offer should be fully in accordance with the drawings and specifications. Details of variations from the drawing and specifications, if any should clearly be indicated and in such an event, a certificate from the user must be furnished to the effect that the product offered performs the requisite functions satisfactorily. The names of such users should also be indicated.
- b. Tenderer should give details of supplies and the customer's along with their performance certificate.
- c. Should the tenderer wish to depart from the provision of the specifications and drawings on account of any reason he should clearly draw attention in his offer to the proposed point of deviation and submit complete information with justification, drawings and specifications to explain the related merits of his proposal viz-a-viz the stipulations laid down in tender documents for appreciation and understanding of DFCCILs. In the absence of any such deviation it will be deemed that the tenderer is fully satisfied with the intents of specifications and drawings and shall comply with the statutory provisions laid in the tender documents.

6.5 WARRANTY:

- a. The contractor shall give warranty that all the works executed under this contract shall be free from all defects and faults in material design workmanship and manufacture and shall be of acceptable standards for the contracted work and in full conformity with the technical specifications, drawings and other contract stipulations.
- b. This warranty clause will not apply to defects arising from designs furnished or specified by the DFCCIL and for which contractor has disclaimed responsibility in writing within three (3) months from the date of the letter of acceptance of tender.
- c. The contractor is not absolved for the responsibility of the successful functioning of the work carried out by him for which specifications are indicated by the DFCCIL in the tender documents. In case the specifications are apprehended to be inadequate for achieving designed conditions, the tenderer should indicate the same specifically at the time of submission of offer or before giving sufficient time to the DFCCIL for taking corrective action. Once the tenderer accepts the designs, the warranty shall be complete and extended to all materials and equipments governed in the work.
- d. This warranty shall survive not only till the acceptance of the work but shall expire 36 (Thirty six) months from the date of acceptance of the complete work by the DFCCIL except in respect of defects notified to the contractor before the expiry of the warranty period. Any approval or acceptance by the DFCCIL at any stage of the work contracted



- shall not in any way absolve the contractor's liability under this warranty.
- e. The contractor's liability in respect of any complaint defect and/or claim shall be limited to the execution, installation and erection of replacement parts free of charges, or the repairs of defective parts only to the extent that such replacement or repairs are attributable which arise from faulty workmanship or design or material in the manufacturer of the equipment/stores, and/or negligence in any manner and also in the event of failure of the equipment to perform as intended.
 - f. The contractor shall if required, replace, repair, execute and or install the goods or such portion thereof as is rejected by the DFCCIL free of cost at site or at the option of the DFCCIL. The contractor shall pay the DFCCIL the value thereof and such other expenditure and damage as may arise by reason of the breach of the condition therein specified.
 - g. All replacement and repairs that the DFCCIL shall call upon the contractor to deliver or perform under this warranty shall be delivered and performed by the contractor within three (3) months promptly and satisfactorily. In cases where such replacement, repair, execution and/or installation takes place during the warranty period the provision of the warranty clause shall apply to that portion to replace or renew until the expiry of 12 (Twelve) months from the date of such replacement, repair, execution and/or installation. This extended period shall hereinafter be referred to as "extended warranty period."
 - h. If any defect is not remedied satisfactorily within the above mentioned three (3) months, the DFCCIL may proceed to do the work at Contractor's risk and also without prejudice to any other rights of the contractor under the contract.
 - i. If, the contractor so desires, the replaced parts can be taken over by him or his representatives for disposal as he deems fit within a period of three (3) months from the date of replacements of rejected goods/parts. After the expiry of this period, no claim whatsoever shall lie on the DFCCILs.
 - j. The DFCCIL may at its discretion recover the ground rent for the goods/parts which have been rejected during the warranty period for the specified period of three (3) months, if the rejected materials are not taken over within that period (three (3) months) by the contractor or his representative.
 - k. The warranty herein, contained shall not apply to material which have been repaired or altered by the DFCCIL or on its behalf in any way without the consent of the contractor so as to affect its strength, performance and liability or to any defects to any part due to misuse negligence or accident and to items of normal wear and tear to be specifically mentioned by the contractor in his offer and got accepted by the DFCCIL. The decision of the DFCCIL in regard to contractor's liability and the amount if any payable under this warranty shall be final and conclusive

6.6 INDIRECT TAXATION

In the event of any new indirect taxation being imposed after the date of opening of tender and of being of such a nature that the contractor has to bear additional cost of material directly on account of such additional taxation the purchaser shall reimburse the contractor for such additional costs on receiving satisfactory proof that such taxation was legally leviable and that the contractor has actually incurred the additional costs.

6.7 FORCE MAJEURE:

If, at any time during the continuance of this contract, the performance, in whole or in part by either party, of any obligation under this contract, shall be prevented or delayed by reason of



any war, hospitality acts of the public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics/pandemic, quarantine restriction, strikes, lockouts, any stature, statutory rules, regulations order or requisitions issued by any Government department or competent authority or acts of God (hereinafter referred to as “Event”) then provided notice of the happening of any such event is given by either party to the other within twenty one days from the date of occurrence thereof neither party shall have any claim for damages against the other in respect of such non-performance or delay in performances and obligations under the contract and shall be resumed as soon as practicable after such event has come to end or ceased to exist provided further that if the performance in whole or part of any obligation under this contract is prevented or delayed by reason of any such event beyond a period as mutually agreed to by the purchaser and the contractor after any event or 60 days in the absence of such an agreement whichever is more either party may at its option terminate under this clause, the purchaser may at the time of such termination take over from the contractor, at prices as provided for in the contract all erected equipment or equipments under erection, as also all or any portion of unused, under-aged and acceptable equipment whether storage or in the course of manufacturing.

6.8 AGREEMENT:

The successful tenderer shall within 14 (fourteen) days after having been called upon by notice to do so be bound to execute an agreement based on accepted rates and lodge the same with purchaser together with the conditions of contract, specification and schedule of prices referred to therein duly completed.

6.9 A) EXPENSES OF CONTRACTOR DRAWINGS ETC.:

Any calculation, designs, drawings, schedules information, progress charts etc required by the purchaser’s Engineers in connection with the contract, shall be furnished by the contractor at his own expenses.

B) CONTRACTOR’S DRAWINGS:

If required, before execution of the work the contractor shall submit to the purchaser for approval, three copies of all required drawings, work schedule programme which are necessary to ensure correct/ satisfactory performance as detailed in tender papers.

6.10 SUB CONTRACTORS

The contractor shall not sublet any part of the work under this contract for the purpose of this. However contractor may enter into contract with supplier for supply of the material for the purpose of this work. However such suppliers should be approved sources of RDSO.

6.11 DEFAULT AND DELAY

- a. The contractor shall execute the work with due diligence and expedition keeping to the approved time schedule. Should he refuse or neglect to comply with any reasonable orders given to him in writing by the Engineer’s representative in connection with the work or contrivance the provision of the contract or the progress of work lags persistently behind the time schedule due to his neglect, the purchaser shall be at liberty to give seven (7) days notice in writing to the contractor requiring him to make good the neglect or contravention complained and should the contractor fail to comply with requisition made in the notice within seven days from the receipt thereof, it shall be lawful for the purchaser to take the work wholly or in part, out of the contractor’s hands without any further reference and get the work or any part thereof as the case may be



completed by other agencies at expense of the contractor without prejudice to any other right or remedy of the purchaser.

b. LOSS SUSTAINED DUE TO DEFAULT AND DELAY:

In the event of any loss to the purchaser on account of execution and/or completion of the work or any parts thereof by agencies other than the contractor in terms of the clause 4.20 the contractor shall be liable to reimburse the loss to the purchaser without prejudice to any other right and remedies of the purchaser, and as the case may be met at the option, of the purchaser, from out of all or any of the following sources viz.

- i) Any amount due and payable to the purchaser on any account whatsoever.
- ii) The contractor's security deposit with the purchaser so far as available and
- iii) Any other assets whatsoever belonging to contractor.

6.12 CONTRACTOR'S RESPONSIBILITY FOR DISCREPANCY:

- a) All designs and drawings submitted by the contractor shall be based on thorough study and shall be such that the contractor is satisfied about their suitability. The purchaser's approval will be based on these considerations. Notwithstanding approval communicated by the purchaser, during the progress of the contract for designs and drawings, proto type samples of material after inspection of materials after erection and adjustments to installations the ultimate responsibility for correct designs and execution of work shall rest with the contractor.
- b) The contractor shall be responsible for and bear and pay the costs for any alteration of works arising from any discrepancies errors or omissions in the design and drawings supplied by him, whether such designs and drawings have been approved by the purchaser or not.

6.13 Provision of Efficient and Competent Staff at Work Sites by the Contractor:

- a. The Contractor shall place and keep on the works at all times efficient and competent staff to give the necessary directions to his workmen and to see that they execute their work in sound and proper manner and shall employ only such supervisors, workmen and labourers in or about the execution of any of these works as are careful and skilled in the various trades.
- b. The Contractor shall at once remove from the works any agents, permitted sub-contractor, supervisor, workman or laborer who shall be objected to by the Engineer and if and whenever required by the Engineer, he shall submit a correct return showing the names of all staff and workmen employed by him.
- c. In the event of the Engineer being of the opinion that the Contractor is not employing on the works a sufficient number of staff and workmen as is necessary for proper completion of the works within the time prescribed, the Contractor shall forthwith on receiving intimation to this effect deploy the additional number of staff and labour as specified by the Engineer within seven days of being so required and failure on the part of the Contractor to comply with such instructions will entitle the Railway to rescind the contract under Clause 62 of these conditions.

d. Deployment of Qualified Engineers at Work Sites by the Contractor:

The Contractor shall also employ qualified Graduate Engineer(s) or equivalent, or qualified Diploma Engineer(s), as prescribed in the tender documents.

In case the Contractor fails to employ the Engineer, as aforesaid in Para 4.23.1, he shall be liable to pay liquidated damages at the rates, as prescribed in the tender documents.



No. of qualified Engineers required to be deployed by the Contractor for various activities contained in the works contract shall be specified in the tender documents as 'Special Condition of Contract'.

e. **WORKS BY OTHER AGENCIES:**

Any other works undertaken at the same time by the purchaser or the DFCCIL direct or through some other agency at the same site where the contractor is carrying out his work will not entitle the contractor to prefer any claim, regarding any delays or hindrance he may have to face on this account. The contractor shall comply with any instructions which may be given to him by the purchaser in order to permit simultaneous execution of his own works and of those undertaken by other contractors or the DFCCIL without being entitled on this account to any extra charge.

6.14 ACCESS TO WORK SITE:

- a. The purchaser shall afford access to the site for the purpose of this contract to the contractor at all reasonable times. In the execution of the work, no person other than the contractor or his only appointed representatives or approved sub contractor and bona-fide workman shall have access to site. Access to the site of work at all times shall be allowed by contractor to officials or approved representative of the purchaser or to DFCCIL staff for purpose of maintenance.
- b. The purchaser or his authorized representative shall have the right to refuse admission to the work site to any. Person employed by the contractor to whom the purchaser or his engineer may consider undesirable.
- c. The engineer or his representative shall be at liberty to object to the presence of any representative or other person employed by the contractor in or about the works on the ground of misconduct, incompetence or negligence, the contractor on receipt of notices of such objection in writing, shall forthwith remove the person so objected to and provide in his place another competent person and shall not allow such person to enter the site of work subsequently. The purchaser will not be able to pay any cost or damage on this account.

6.15 INSURANCE:

The contractor shall take out and keep in force a policy or policies of insurance against all liabilities of the contractor or the purchaser at common law or under any status in respect of accidents to person who shall be employed by the contractor in or about the site of the contractor's office for the purpose of carrying out the works on the site. The contractor shall also take out and keep in force a policy or policies of insurance against all recognized risks to their offices and depots. Such insurance shall in all respects be to the approval of the purchaser and if he so requires in his name.

6.16 INSURANCE OF MATERIALS AND INSTALLATIONS:

The contractor shall take out and keep in force a policy or policies of insurance for all materials in storage, under erection, and/or erected, until such materials are provisionally handed over to the purchaser. For this purpose the materials shall be deemed to have been provisionally handed over when provisional acceptance certificate is issued as per clause 4.27.

The contractor shall not be liable for losses or damages to equipments erected, in the course of erection or in stores at the contractors' depot in consequence of mutiny or other similar causes over which the contractor has no control and which cannot be insured, such losses or damages shall, be borne by the contractor.

The contractor should, however, insure the materials brought to site against risks in



consequence of war and invasion as required under the emergency risks (goods). Insurances Act 1962 from time to time. The amount of such insurance premium paid by the contractor should be borne by the contractor.

NOTE:- The contractor shall have all insurance covers in connection with the contract with the Life Insurance Corporation of India or any government approved insurance company. The contractor's liability to meet 3rd party claims of the type outlined above will be applicable only in case where accidents have been caused by bad design, workmanship material or negligence on the part of the contractor and further the liability of the contractor will be limited as per provision of law for any one accident. The contractor shall be responsible for all repairs and rectification of damage to the plant erected or under erection due to accident or any other cause until the plant is provisionally handed over to the purchaser.

6.17

PENALTY FOR DELAY IN COMPLETION:

- a. If the contractor fails to execute and complete the work within time specified in the agreement or within the period of extension granted except in so far that the delay is on the purchaser's account; the contractor shall accept reduction in the total amount payable to him by the purchaser at the rate of ½% (half percent) per week of the contract value for the actual delay occurred and until the work shall have been completed under the contract and such reduction shall be accepted by the purchaser in full satisfaction of the contractor's liability arising from delay only. The Engineer shall at his sole discretion, specify a time limit within which the unfinished portion of the work shall be completed. In the event of failure of the contractor, the purchaser shall be at liberty to take action in accordance with provision in General Conditions of Contract 2020 or latest.
- b. Extension of time- If aforesaid shall have arisen from any cause which the purchaser may admit as being a responsible ground for extension of time the purchaser shall allow such additional time as he may in his absolute discretion consider to be reasonably justified by the circumstances of the case.
- c. The contractor in the presence of the purchaser or his representative shall carry out tests as required under the specification as soon as possible after commissioning. The contractor at his own expense shall carry out any other additional test that the purchaser may prescribe for testing the satisfactory operation of the plants. Necessary electrical power required in C/W the test will be supplied free of any charges by the purchaser. The contractor shall submit six copies of the results to the purchaser for acceptance. The contractor shall also submit 6 copies of the manufacturer's test certificates for equipments such as motor, cable etc.
- d. Should the result of the test not be satisfactory, an extension of one month will be granted to the contractor to make good the defects and or any deficiencies pointed out by the purchaser a fresh test will then be carried out after the contractor has attended to the defects and deficiencies. If these do not yield satisfactory results, the purchaser may proceed at the contractor's expense, by all means as deemed expedient to have installation made satisfactory until they comply with the specification, approved drawings and designs.
- e. In such a case or in a case of delay in completion of the work under this contract within the time limit, the purchaser reserves the right to get the work completed by contractor as per provisions of contract. The purchaser will give to the contractor for this purpose 7 days previous notice. The contractor shall then take at his own expense all necessary steps to complete the works in accordance with the provision of the contract. In case it becomes impossible to proceed with the above mentioned taking over tests, for reason other than for which the contractor is responsible, the "Provisional Acceptance Certificate" shall be issued at or within a mutually agreed



reasonable period not exceeding 6 months after completion of the work.

- f. Imposition of token penalty for delay in the completion of work- Competent authority while granting extension to the currency of contract under clause 17 (B) of GCC may also consider levy of token penalty as deemed fit based on the merit of the case.

6.18 **DEFECTIVE EQUIPMENTS TO BE REPLACED:**

Notwithstanding the issue of a provisional acceptance certificate, partial or full use of any equipment if the complete plant or any portion thereof before it is finally taken over at the end of the guarantee period, found to be or to have become defective in course of usage by the DFCCIL due to faulty materials, design or workmanship or to otherwise to fulfill the requirement of the contract and its purpose, the purchaser shall normally give the contractor prompt notice setting the particulars of such defects or failure and the contractor shall rectify the defects or modify or replace the equipment as may be directed by the purchaser's engineer at his own cost in all respect to make it comply satisfactorily with the said notice upon him or should time not permit for service of such notice the purchaser may repair or reject, replace the whole or part of such defective equipment, as the case may be, at the cost of contractor. The contractor's full liability under this clause shall be satisfied by the payment to the purchaser of the extra total cost any of such replacement delivered and erected as provided for in the original contract, such defective equipment within a reasonable time, the contractor's liability under this clause shall be satisfied by the repayment by the contractor all moneys paid by the purchaser to him in respect of such rejected equipment Rejected/defective material shall be returned to the contractor to the extent possible.

6.19 **FINAL ACCEPTANCE:**

The final acceptance of the entire plant shall take effect from the date of expiration of the period of guarantee as defined in Clause 1.11 provided the installations provisionally accepted are still in perfect working order.

If on the other hand the installations are not in the perfect working order at the end of the guarantee period the purchaser may either extend the period of guarantee until necessary works are carried out by the contractor, or carry out these works or have them carried out on behalf of the contractor and at his expense. A certificate of final acceptance shall then be issued by the purchaser, which will terminate the contract.

MATERIAL - All the materials, components and fittings etc to be supplied by the contractor shall only be procured from RDSO/CORE approved suppliers/vendors/manufactures.

Fencing at work site- Contractor(s), if required, while executing the work shall provide suitable fencing/ barricading to protect/segregate the existing DFCCIL line/building/structure from any damage and un-toward incident, as per the directions or plan approved by Engineer-in-charge.

Safety Gear- During execution of the work, contractors shall ensure that all safety precautions are taken by their men to protect themselves and site to prevent any untoward incident. In this regard contractor will ensure that adequate number of safety helmets, safety belts, safety jackets with reflective arm band, rope, ladders and emergency light etc. are available at site before the work is actually started. The above list is only indicating and is not exhaustive and arrangement of the safety items as per the requirement will be the sole responsibility of the contractor. DFCCIL reserve the right to stop the work in the absence of proper safety gear and no claim shall be entertained in this regard; decision of the Engineer-in-charge will be final and binding upon the contractor. The cost of all the safety gear is deemed to have been included in the rates quoted and nothing extra is payable under this contract.



7.0 **TIME SCHEDULE: -**

- 7.1 The entire work is required to be completed in all respects within 06 (Six) month from the date of issue of acceptance letter/telegram. Time is the essence of contract. The contractor will be required to maintain steady and regular progress to the satisfaction of the engineer to ensure that the work will be completed in all respects within the stipulated time failing which action may be taken by the DFCCIL Administration in terms of General conditions of contract 2020 or latest.
- 7.2 The Contractor shall be expected to initiate work immediately after receipt of “**Letter of Acceptance**”.

8.0 **RATES: -**

- 8.1 The rates quoted and accepted by DFCCIL shall be firm and final during the currency of contract.
- 8.2 All statutory taxes and liabilities levied/may be levied in future by the Central and State Government or any other governing authority/agency from time to time shall be borne by the contractor and the rate shall be inclusive of all such liabilities.
- 8.3 GST is inclusive for this tender.
- 8.4 The Work Provider will, for the purpose, aforesaid continuously monitor the Works being rendered by it to ensure that these are up to the standards required by DFCCIL.

The Work Provider shall indemnify and keep DFCCIL indemnified and harmless from and against all disputes, claims, fines, penalties, litigations criminal as well as civil that may be initiated against the DFCCIL on account of and/or arising out of the failure of the Work Provider to adhere to any statutory requirement, or to follow such rules regulations, guidelines or procedures as may be required under any statute or directive.

9.0 **Quantity Variation**

Rates quoted in the schedule of items shall be valid for a variation of the quantity up to maximum of (\pm) 25% for each item. In case of variation in quantities beyond $\pm 25\%$, the rates for the additional quantities beyond $\pm 25\%$ variation shall be negotiated/decided on mutually acceptable terms, provided the rate so arrived does not exceed the originally accepted rate as per agreement.

- (i) Unless otherwise specified in the special conditions of the contract, the accepted variation in quantity of each individual item of the contract would be upto 25% of the quantity originally contracted, except in case of foundation work.
- (ii) The Contractor shall be bound to carry out the work at the agreed rates and shall not be entitled to any claim or any compensation whatsoever upto the limit of 25% variation in quantity of individual item of works.
- (iii) In case an increase in quantity of an individual item by more than 25% of the agreement quantity is considered unavoidable, then same shall be executed at following rates.
 - (a) Quantities operated in excess of 125% but upto 140% of the agreement quantity of the concerned item, shall be paid at 98% of the rate awarded for that item in that particular tender;
 - (b) Quantities operated in excess of 140% but upto 150% of the agreement quantity of the concerned item shall be paid at 96% of the rate awarded for that item in that particular tender;
 - (c) Variation in quantities of individual items beyond 150% will be avoided and would be permitted only in exceptional unavoidable circumstances and shall be paid at 96% of the rate awarded for that item in that particular tender.
 - (d) Variation to quantities of Minor Value Item:



The limit for varying quantities for minor value items shall be 100% (as against 25% prescribed for other items). A minor value item for this purpose is defined as an item whose original agreement value is less than 1 % of the total original agreement value.

- (i) Quantities operated upto and including 100% of the agreement quantity of the concerned minor value item, shall be paid at the rate awarded for that item in that particular tender;
- (ii) Quantities operated in excess of 100% but upto 200% of the agreement quantity of the concerned minor value item, shall be paid at 98% of the rate awarded for that item in that particular tender;
- (iii) Variation in quantities of individual minor value item beyond 200% will be avoided and would be permitted only in exceptional unavoidable circumstances and shall be paid at 96% of the rate awarded for that item in that particular tender.
- (iv) In case of earthwork, the variation limit of 25% shall apply to the gross quantity of earthwork and variation in the quantities of individual classifications of soil shall not be subject to this limit.
- (v) In case of foundation work, no variation limit shall apply and the work shall be carried out by the Contractor on agreed rates irrespective of any variation.
- (vi) As far as SOR items are concerned, the limit of 25% would apply to the value SOR schedule as a whole and not on individual SOR items. However, in case NS items, the limit of 25% would apply on the individual items irrespective of the manner of quoting the rate (single percentage rate or individual item rate).
- (v) In case of foundation work, no variation limit shall apply and the work shall be carried out by the Contractor on agreed rates irrespective of any variation.
- (vi) As far as SOR items are concerned, the limit of 25% would apply to the value of SOR schedule as a whole and not on individual SOR items. However, in case of NS items, the limit of 25% would apply on the individual items irrespective of the manner of quoting the rate (single percentage rate or individual item rate).

10.0 **TERMINATION OF CONTRACT:-**

In case the services of the Service Provider are not found satisfactory, or there is a breach of any of the terms & conditions of the contract and/or fails/neglects to carry out any instruction issued to it by DFCCIL from time to time the same can be terminated by DFCCIL on giving of a notice of one month. In case of unsatisfactory performance of the contract, a warning letter will be issued to the Service Provider. In case corrective action is not taken, DFCCIL shall have the right to terminate the agreement without any further notice. Unsatisfactory service in this case would be frequent absence or poor attendance of workman, inability to provide replacement, lackadaisical work in maintaining cleanliness, indiscipline in the premises (which includes taking alcohol, using foul language, getting involved in objectionable activities, etc.) or any other non-compliance of the provisions of the Agreement.

11.0 **IMPLEMENTATION OF INTEGRITY PACT IN DFCCIL :-**

As per office memorandum no F.No DPE/13(12)/11-Fin Dated 09.09.2011 issued by Ministry of Heavy Industries (DPE) all PSU should enter into Integrity pact in the required Performa in their procurement transaction/ Contracts with suitable changes specific to the situation in which the pact is to be used. The pact, entering into which would be a preliminary qualification for any bidder, essentially envisages an agreement between the prospective vendors / bidders and the DFCCIL, committing the persons/ officials on both sides not to resort to any corrupt practices in any aspect / stage of the contract.



The pact has to be implemented through a panel of independent external monitor who will review independently and objectively the compliance of the obligations by both the parties. As these IEM's are to be appointed by the CVC in consultation with the CVO and are being processed separately.

A copy of pre contract integrity pact is enclosed at Annexure X for signature of bidder as acceptance, as and when Independent External monitor is appointed.

12.0 ORDER OF PRIORITY OF CONTRACT DOCUMENTS:-

The documents forming the Contract are to be taken as mutually explanatory of one another. For the purposes of interpretation, the priority of the documents shall be in accordance with the following sequence:

- i) The Contract Agreement.
- ii) Letter of Acceptance.
- iii) Tender Form
- iv) General Information
- v) Notice Inviting Tender (with Annexes)
- vi) Instructions to Tenderers
- vii) Special Conditions of Contract
- viii) Annexures
- ix) Bill of Quantities (BOQ)/Schedule of Rate
- x) General Terms and Conditions of Contract

13.0 JURISDICTION OF COURTS:-

In case of any disputes/differences between contractor and DFCCIL the jurisdiction shall be of Agra Courts only.

14.0 In case of any deviation in downloaded copy of the tender documents, the Master Copy kept in the office of Chief General Manager/TDL/ DFCCIL, will prevail and the interpretation of CGM/ TDL will prevail.

15.0 RISK PURCHASE:- During execution of this Tender, if any delay is observed due to reasons attributable to tenderer other than force majeure conditions which may cause delay in completion of the work, DFCCIL shall be at liberty to cancel the contract, totally or partially, at any point of time without assigning any reason, whatsoever, and take alternative measures at your risk and cost.

16.0 Penalties for Safety Lapses: -Any violation in adhering to the terms and conditions stipulated in I.R GCC July-2014 would also attract to penalties payable by you as per IR GCC July-2014 Provisions.

17.0 RETENTION MONEY:

Retention money for all contracts shall be recovered from on account/ final bills of the Contractor at 10% of gross value of each bill after adjusting EMD amount till the amount so recovered including EMD amount adds up to 5% of the contract value of the work etc. variation and extra work. No interest shall be payable to the Contractor on the amount towards retention money.

18.0 RELEASE OF RETENTION MONEY:

18.1 The Retention Money shall be returned to the contractor after the expiry of the Defect Liability Period after passing the final bill based on the No Claim Certificate with the approval of Competent Authority. The competent authority shall normally be the authority who is competent to sign the Contract Before releasing the Retention



Money/ Security Deposit, an unconditional and unequivocal 'No Claim Certificate' from the contractor concerned should be obtained.

- 18.2** If requested by the Contractor, 50% of the Retention money may be released on deduction of retention money reaching 5% of the contract value against submission of Bank Guarantee for an equivalent amount by the Contractor in the prescribed Performs from any scheduled Bank. This Bank Guarantee shall be kept valid till the period of three months beyond the expiry of Defect Liability Period. Fixed Deposit Receipt (FDR) from a scheduled bank endorsed in favour of the Employer can be submitted by the Contractor in lieu of the Bank Guarantee for release of 50% Retention Money. In case of the requirement, the Bank Guarantee/FDR shall be extended by the contractor, for the period as directed by the Engineer/Employer.

19.0 PERFORMANCE BANK GAURENTEE

- a) The successful bidder shall have to submit a Performance Guarantee (PG) within 30 (thirty) days from the date of issue of Letter of Acceptance (LOA). Extension of time for submission of PG beyond 30 (Thirty) days and up to 60 (sixty) days from the date of issue of LOA may be given by the Authority who is competent to sign the contract agreement. However, a penal interest of 15% (Fifteen) per annum shall be charged for the delay beyond 30 (thirty) days, i.e. from 31st day after the date of issue of LOA. In case the contractor fails to submit the requisite PG even after 60 (sixty) days from the date of issue of LOA, the contract shall be terminated duly forfeiting EMD and other dues, if any payable against that contract. The failed contractor shall be debarred from participating in re-tender for that work. First on A/C bill be released after submission of PBG and signing of contract agreement.
- b) The successful bidder shall submit a Performance Guarantee (PG) in the form of Irrevocable Bank Guarantee or Fixed Deposit Receipt (FDR) (free from any encumbrance) endorsed/ pledged in favour of DFCCIL amounting to 3% of the contract value.
- c) The Performance Guarantee shall be submitted by the successful bidder after the signing of the agreement. This PG shall be initially valid up to the stipulated date of completion plus 60 days beyond that. In case the time for completion of work gets extended, the contractor shall get the validity of Performance Guarantee extended to cover such extended time for completion of work plus 60 days.
- d) The value of PG to be submitted by the Contractor will not change for variation up to 25% (either increase or decrease). In case during the course of execution, value of contract increases by more than 25% of the original contract value, an additional Performance Guarantee amount to 3% (three percent) for the excess value over the original contract value should be deposited by the contractor.
- e) The Performance Guarantee (PG) shall be released after the physical completion of the work based on the "Completion Certificate" issued by the competent authority stating that the contractor has completed the work in all respects satisfactorily. The Security Deposit shall however, be released only after expiry of the Defect Liability Period and after passing the final bill based on 'No Claim Certificate' from the contractor.



- f) Wherever the contract is rescinded, the security deposit shall be forfeited and the Performance Guarantee shall be encashed and the balance work shall be got done independently without risk and cost of the failed contractor. The failed contractor shall be debarred from participating in the tender for executing the balance work.
- g) The Engineer shall not make a claim under the Performance Guarantee except for amounts to which DFCCIL is entitled under the contract (not withstanding and /or without prejudice to any other provisions in the contract agreement) in the event of:
 - i. Failure by the contractor to extend the validity of the Performance Guarantee as described herein above, in which event the Engineer may claim the full amount of the Performance Guarantee.
 - ii. Failure by the contractor to pay DFCCIL any amount due, either as agreed by the contractor or determined under any of the Clauses/Conditions of the agreement, within 30 days of the service of notice to this effect by Engineer.
 - iii. The contract being determined or rescinded under provision of the GCC /SCC the Performance Guarantee shall be forfeited in full and shall be absolutely at the disposal of DFCCIL.

20.0 DEFECT LIABILITY PERIOD/WARRANTY: The period of defect liability for the works shall be Thirty Six Months starting from the date of completion of the work or as certified by the DFCCIL.

21.0 GUARANTEE BOND FOR INDEMNIFICATION OF DFCCIL MATERIALS:

- a. The materials supplied as per requirement under “Scope of the work and Special conditions” shall be covered by the **Guarantee Bond For Indemnification of DFCCIL Materials of sufficient requisite amount** on stamp paper of requisite value of the material supplied by DFCCIL to be submitted by the contractor before lifting the material from DFCCIL.
- b. **Reconciliation of Materials supplied by the DFCCIL:** All the material supplied by the purchaser and also released from the DFCCIL shall be correctly accounted for and quantities reconciled on completion of the work by the contractor.
- c. On completion of work, all surplus materials supplied by the purchaser together with the ones found defective or that have become defective or broken on account of defective materials, the surplus DFCCIL supplied material to be handed over to DFCCIL. For the purpose of measurement, the length of the conductor will be taken from termination to termination and erection tolerance of 0.5% will be allowed.
- d. **Release of the Guarantee Bond for Indemnification:** After according approval to the “Materials Reconciliation Statement “Guarantee Bond for Indemnification will be released with approval of CGM/TDL of respective unit.



22.0 **Updation of labour data and on Railways shramikkalyan portal.** Contractor is to abide by the provisions of Payment of Wages act & Minimum Wages act in terms of clause 54 to 55 of Indian Railways General Condition of Contract. In order to ensure the same, an application has been developed and hosted on website 'www.shramikkalyan.indianrailways.gov.in'. Contractor shall register his firm/company etc. and upload requisite details of labour and their payment in his portal. These details shall be available in public domain. The Registration/updation of portal shall be done as under.

- (a) Contractor shall apply for one time registration of his company etc. in the Shramikkalyan portal with requisite details subsequent to issue of letter of Acceptance. Engineer shall approve the contractor's registration on the portal within 7 days of receipt of such request.
- (b) Contractor once approved by any Engineer. Can create password with login ID (PAN No.) for subsequent of portal for all LoAs issued in his favour.
- (c) The contractor once registered on the portal, shall provide details of his letter of Acceptances (LoA)/Contract Agreements on shramkkalyan portal within 15 days of issue of any LoA for approval of concerned engineer. Engineer shall update (if required) and approve the details of LoA filled by contractor within 7 days of receipt of such request.
- (d) After approval of LoA by Engineer, contractor shall fill the salient details of contract labours engaged in the contract and ensure updating of each wage payment to them on shramkkalyan portal on monthly basis.
- (e) It shall be mandatory upon the contractor to ensure correct and prompt uploading of silent details of engaged contractual labour & payment mode thereof after wage period.

B. While processing payment of any 'On Account bill' or 'Final bill' or release of 'Advances' or 'Performance Guarantee/Security deposit', contractor shall submit certificate to the Engineer or Engineer's representatives that "I have uploaded the correct details of contract labours engaged in connection with this contract and payments made to them during the wage period in Railway's Shramkkalyan portal at 'www.shramkkalyan.indianrailways.gov.in' till ____ Month ____ Year."

GENERAL CONDITIONS OF CONTRACT

The General Conditions of Contract July 2014 (Part-I and II) of the Indian Railways shall be followed with latest correction slips and amendments issued from Indian Railways.

The General Conditions of Contract July 2014 (Part-I and II) of the Indian Railways, along with latest correction slips and amendments, will form part of the tender/contract documents.

In case, there is an ambiguity in any definition, the decision of DFCCIL regarding the interpretation shall be final and binding.

Wherever there is conflict in any condition between GCC and special condition mentioned in tender documents. The condition mentioned in special condition of contract will prevail. However, DFCCIL decision in this connection shall be final and binding.

(ANNEXURES)

**ANNEXURE-I****Performa for Experience Certificate. {On the letter head of the issuing department}**

M/s.....has executed the following work to this department and has completed the work successfully. The details are as under:

1. Name of work:
2. Agreement/contract number:
3. Date of start of work:
4. Date of completion of work:
5. Total value of work during the contract period (if completed):
6. In case of on-going work, please indicate the annual payment for
 - a) F.Y. 2020-21
 - b) F.Y. 2019 -20
 - c) F.Y. 2018-19
 - d) F.Y. 2017-18

(Name and Signature of the officer with seal of the department and phone no.)

ANNEXURE-II

Performa for Affidavit. {on the letterhead of the bidder}

I _____ Proprietor/Director/Partner of the firm M/s. _____ do hereby solemnly affirm that the firm M/s. _____ has never been black listed/debarred by any organization/office and there has not been any work cancelled against them for poor performance in the last three years reckoned from the date of invitation of Tender.

**Signature of
Proprietor/Director/Partner**

Annexure-II'A'

Performa for Registration. {On the letterhead of the bidder}

I _____ Proprietor/Director/Partner of the firm M/s. _____ do hereby solemnly affirm that the firm M/s. _____ is / will be having valid registration under Contract Labour Act 1970 and will be produced before the execution of the contract.

**Signature of
Proprietor/Director/Partner**

SCOPE OF WORK:**2.1 Scope of Work: -**

The scope of work under this tender: –“**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**”

2.2 EXPLANATORY NOTES OF SCHEDULE

Name of Work:- “ 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 ”

2.3 Detailed Scope of work

2.3.1	Supply, Installation, Testing, Commissioning and integration of IP Cameras (Fixed, PTZ & Dome), Switches (Field, Aggregate, Core, L2 & L3 switches), NVRs/Servers (with VMS, Recording & Video Analytic softwares and Licenses as per requirements), Panic buttons, Storage devices, Work stations, LED screens.
2.3.2	Supply & Installation of Racks, LIUs, GI cable trays, Cable route markers.
2.3.3	Supply & laying of HDPE duct, Conduit, GI pipe, DWC pipe & accessories required for laying of various cables.
2.3.4	Supply & laying of STP cable, Power cable & OFC cable over GI Tray/wall/girder through conduit/HDPE duct/DWC pipe/GI pipe/Trenches etc. as per site requirement. Proper termination of these cables also needs to be done.
2.3.5	Excavation & back filling of trenches wherever required for laying of cables, in all types of soils including track crossing.
2.3.6	Various patch cords, connecting cables like HDMI, RJ45, VGA etc. required for interconnectivity of all the devices of the CCTV system need to be provided by the contractor.
2.3.7	Supply, Installation, Testing, Commissioning of UPS' along with AC supply distribution system, to provide backup of 30 minutes to all the network equipments, servers, work stations & other equipments installed at Stations/RPF posts/Central Command Center.
2.3.8	All materials to be supplied in this work should be in accordance with RDSO specification No. RDSO/SPN/TC/65/2019 Rev.5.0 with latest amendments and as per Technical specification in chapter-4 or of better specifications for software, switches, server and storage as mentioned in respective schedule item.
2.3.9	For items supplied as per RDSO specifications, para wise compliance of the RDSO specifications to be submitted by the contractor.
2.3.10	All the above works shall be done as per the DFCCIL requirement i.e. as per the instruction of Supervisor in charge and Engineer In charge of the work.
2.3.11	Validity of Software & other licenses shall be at least for 12 years. Modification or up-gradation to hardware/software (firmware) unit to be provided free of cost minimum till the end of warranty period. MOU with OEM for providing support up to 12 years must be submitted.
2.3.12	Any other materials required to obtain the end objective should be supplied by the



	Tenderer.
2.3.13	Scope of work is detailed in “Schedule of Materials and Works” and in “Technical requirement & specification”. Work is to be carried out in strict compliance to the tender conditions and specifications.
2.3.14	Work will be carried out in accordance with the technical requirements of the Tender. Wherever Specifications are not indicated, work will be carried out as per standard practice on this DFCCIL and instructions of Engineer in charge. During testing and commissioning of the installation, the contractor’s engineers will be available at site for testing and commissioning and also for doing any wiring alterations which will be required.
2.3.15	Any other work not indicated in “Works to be done by DFCCILs” heading as per statement given above shall be carried out by the contractor himself for which no extra payment will be made, so as to achieve the final objective of commissioning of the system as per technical specifications and as per tender requirement.
2.4	Warranty / Maintenance period :
2.4.1	The contractor shall maintain the work in all respect including material & works free of charge for any defect & fault for a warranty period of 36 months from the date of Completion of work i.e. issue of PAC.
2.4.2	During Warranty maintenance period the contractor will deploy a team comprising of Maintenance Engineer and other supporting staff at suitable location & Sufficient nos. of Technicians with helper in security control centre, so that system can work efficiently & faults can be rectified within reasonable time. Maintenance Staff will be stationed at the location approved by DFCCIL Engineer and Contractor will make sure that they can be easily contacted through telephones/Cell Phones at any time. Each Contractor staff (Engineer, Technician & other supporting staff) to be provided with identity card issued by Engineer in charge.
2.4.3	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: <ol style="list-style-type: none"> 10th pass with ITI or Equivalent qualification preferably in electrical/electronic/IT. Possess good communication and observation skills. 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:
	<ol style="list-style-type: none"> AMC after the warrantee period is comprehensive including spare parts and all other material required to keep system functional. 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, 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. 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. The contractor shall arrange all other installation items other then specified in schedule at his own cost. 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 & development center in India.
11.	OEM Should not be banned/blacklisted in India For security concerns.
12.	CCTV OEM should not be suspended by OVVFIF.
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 SWITCH should have R&D centre/ service center in India .
15.	VMS & 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.

2.6 TECHNICAL REQUIREMENTS & SPECIFICATIONS

	General :
2.6.1-1	The work envisages provision of CCTV based surveillance system at the DFCCIL Premises with three years warranty and comprehensive maintenance after the warranty period.
2.6.1-2	The contractor team must have expertise in networking through switches and SDH Equipments for Networking of CCTV System by utilizing existing communication infrastructure of DFCCIL.
2.6.2	CCTV cameras along with networking equipment's for connectivity of these cameras with servers & storage devices shall be installed at every station/location.
2.6.3	CCTV camera feed of generally 3 to 4 stations will be required to be available to the concerned security control for viewing, Recording, Analysis & processing. In addition this feed shall be required at OCC Prayagraj Command Centre and on Intra-Network for viewing, Analytics.
2.6.4	Provision of Power supply for field & indoor equipments shall be done from the UPS at central room at the station/ locations post and S&T Command Centre.
2.6.5	The system shall support multiple video and audio streams to enable simultaneous live access from multiple locations on both LAN and WAN.
2.6.6	The entire system shall be remotely administrable from the Security Centre / OCC Prayagraj.
2.6.7	Remote live real time video transmission in low bandwidth using Automatic Bandwidth adaptation Technology
2.6.8	Customized mobile app to be developed by the contractor as per requirement and RDSO Specification.
2.6.9	Remote access / Remote archival of recorded data shall be possible.
2.6.10	System can be fully administered remotely through secured LAN.
2.6.11	Provision of NMS & Netflow for complete CCTV & Networking equipments of the system at S&T Command Centre.



2.6.12	Provision of NMS of UPS for alarm & some remote operation also.
2.6.13	Make & Model of item to be got approved from Engineer Incharge before supply. It is also to be ensured that item put up for approval is as per RDSO specifications & as per Technical specifications in Tender Document. Para wise compliance of RDSO Specifications of that item also to be submitted for approval.
2.6.14	Before supply of material, the contractor shall submit a Certificate from the OEM that the material has been purchased from the OEM or its Authorised Dealer and OEM shall extend necessary support during the warranty period. This shall be applicable for IP Cameras, Switches, Servers, PC Workstations, Edge devices, UPS', External Storage Devices & Softwares.
2.7	Technical Specifications required as per RDSO Specification NO. RDSO/SPN/TC/65/2019 Revision 5.0 or latest and as per technical specification of Chapter-4 items mentioned in schedule of quantities.

2.8.0 The works to be undertaken by the contractor shall interalia include the following (if required):

- i. Design and supply of Drawings (Computerized) of equipments including shop testing of such equipments contained in technical specifications.
- ii. Complete manufacture including shop testing of the said equipment(s). Providing Engineering Drawings, Technical data, operations manuals, catalogs, spare parts list, etc. for the said equipments as erected at site.
- iii. Packing and Transportation of said equipments from the manufacturer's factory to the work site in DFCCIL.
- iv. Receipt including unpacking of the said equipment(s) at the site storage, preservation and conservation at site of work in DFCCIL.
- v. Insurance of complete work governed by the contract including the said equipment(s) from the time of dispatch from the manufacturer's factory till the issue of Acceptance Certificate.
- vi. Unpacking, checking for damage/shortage, cleaning and erection.
- vii. Commissioning test.
- viii. Warranty obligations.

29 INTEGRATION WITH EXISTING WORKS:

- The tenderer should keep in mind, visit the location of works, take due note and give proper consideration of integrating the new works (sometimes on replacement account) with the existing system.
- A sequenced schedule of installations, erection and commissioning of equipments should be drawn by the tenderer after visiting the site. It should be based on pragmatic assessment of quantum of work and time schedule required to complete the work. The scheme should be submitted along with the offer in the form of "Integrated scheme".
- The rates for different items of work should be quoted while keeping these aspects in view.
- The provision of casting of foundations has to be so sequenced and coordinated that due to this no disruption at all, is caused to the functioning of the existing system.
- Since electrical work requires shutdowns invariably therefore the tenderer should keep due allowance in drawing the "Integrated scheme" so that completion of work is not delayed beyond the stipulated period of completion.

2.10 ELECTRIC SUPPLY:

The contractor shall make his own arrangements for electricity required by him for the purpose



of execution of the contract. However, the DFCCIL shall arrange the required power supply for testing and commissioning of the works completed by the contractor.

211 SCHEME OF WORK AND PROGRESS REPORT:

- The Contractor shall within fifteen (15) days of the date of award of the contract submit a BAR/PERT CHART and scheme for the execution. The contractor shall indicate in the form of notes of the assumptions and the basis adopted for the preparation of this BAR/PERT CHART.
- The contractor shall submit a monthly progress report detailing the actual progress made in all activities as compared to the above BAR/PERT CHART. The monthly progress report shall indicate the reasons for the variations if any between the schedule quantities and actual progress, the action proposed and corrective measures required wherever necessary.

212 INSPECTION:

- The works shall be accepted after inspection by the DFCCIL particularly for the following aspects.
 - i. Installation of equipments.
 - ii. Approval of quality of works.
 - iii. Testing and commissioning as per the guide line of the RDSO Specification.
 - iv. Configuration of Intrusion monitoring in Video analytic software. These aspects shall be checked during periodical inspections. Any defects, deficiencies noticed in the works will be recorded in the site order book so that the contractor acts upon it without loss of time.
- The cost of the inspection other than RDSO/Any third party, will be on DFCCIL accounts subjects to any other provisions contained hereunder or elsewhere in contract. One week's notice must be given by the contractor to the Inspecting Officer to take up the inspection.
- The contractor shall provide without any extra cost to the DFCCIL all materials, equipments, machine, plant, tools and labor etc of every kind of which the DFCCIL inspecting officer may consider necessary for any test and examination to be made at site or elsewhere.
- All the equipments and material shall be of best quality and will be tested/inspected by the Engineer or Engineer's representative at site of work and approved before they are installed/used in the works covered in the contract. If the contractor uses any equipment's materials without the prior approval of DFCCIL these are liable to be rejected.
- The decision of the Inspecting Officer with regard to the acceptance or rejection of the equipment/work will be final and binding on the contractor.

213 Loading and Unloading of heavy materials:

- The contractor shall make his own arrangements for loading and unloading of all materials at his depot or at work sites.

214 Materials:

Normally the inspection of all the equipments, materials, fittings and components will be carried out by RITESat the manufacturer's premises. In case of extreme emergency /exceptional circumstances, material may be inspected by authorized representative of DFCCIL at the manufacturer's premises before dispatch and no materials shall be dispatched from the manufacturer's premises until these are inspected and/or approved. Any unreasonable



delay in inspection will be reasonable ground for extension of time for completion of the work.

2.15 Erection:

All erection work will be subjected to inspection by the authorized representative of DFCCIL to ensure that the work is done in accordance with the specification and approved drawing.

The decision of the authorized representative of DFCCIL shall be final in respect of acceptability or otherwise of any material, fitting, component or equipment required for the work.

2.16 INSPECTION AND REJECTION:

All works connected with this contract shall be done in accordance with the standard established methods of inspections and shall comply with relevant Indian Electricity Rules, ISI code, RDSO /CORE Specification and Standards.

2.17 CONSEQUENCE OF REJECTION:

The works which shall be rejected by the inspecting officer of the DFCCIL, the contractor shall replace such rejected equipments/assemblies of the work forthwith but in any event not later than a period of one week from the date of rejection. The contractor shall bear all the cost of such replacement including freight etc but without being entitled to any extra time on this account.

2.18 COMMISSIONING TESTS:

As soon as the installations are ready for commissioning, the contractor shall arrange for all the tests/inspections as required by the relevant ISS and/or I.E. rules and advise the DFCCIL. DFCCIL shall witness the tests and carry out inspection independently and also jointly with other concerned agencies wherever necessary, only after the works pass the required tests and inspection, it should be commissioned with the approval of Site - In-charge/DFCCIL or authorized representative of DFCCIL.

SECTION I - General

1. Explanatory notes for various items of work in schedule are given below.
2. A. Wherever an item of work covers supply of materials and/or erection, such include all bolts, nuts, locknuts, washers, wires/cables, casing/capping. etc. except as provided for in Bill of Quantities.
B. The equipments and materials to be supplied by the contractor against various items should conform to Specifications and drawings as mentioned for each schedule item.
3. Erection of any item of equipment, whether supplied by the contractor or by the purchaser will include proper connecting, testing, commissioning and bringing the equipment into operation in accordance with special condition of contract and specifications and to the satisfaction of the purchaser.
4. 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.
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. All the safety precautions for men and material working within DFCCIL/Other Govt. agencies premises should be taken by the contractor. The contractor shall be responsible in all respect, if any of their workmen meets with an accident due to non-observation of the safety precautions. Tenderer shall indemnify DFCCIL against any or all claims which may arise because of any reason under any circumstances/incident/accident.
7. The DFCCIL shall not be responsible for any loss or damage to contractor material/ equipment, tools and plants etc. from any cause what so ever.



8. The works shall be carried out to the full satisfaction of authorized representative of DFCCIL.
9. To and fro transportation, loading and unloading of T and Ps and material from the firm's works place to site shall be arranged by the contractor.
10. The rates quoted by the quotationers and accepted by the DFCCIL administration shall hold good till completion of the work and no additional individual claims will be admissible on account of the fluctuation in market rates, increase in taxes/levies/GST/ toll taxes etc.
11. DFCCIL reserves the right to reject all or any tender without assigning any reason thereof or relax or change any of the conditions/ specifications stipulated in the tender.
12. The contractor shall intimate inspection programmes of the work in advance. The equipments/instruments required for checking at site or in office place shall be arranged by the contractor.

SECTION II - PARTICULAR

Notwithstanding anything to the contrary in this section, the purchaser to the contractor will supply the entire requirement of the equipments components and fittings for the work, listed in Bill of Quantity. The prices in the schedule shall be inclusive of cost of supply of these items mentioned in Bill of Quantity.

Schedule A item no. 1:- 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 Clause no. 5.1 & 5.3. The price shall cover supply, erection, testing and commissioning of Fixed Box type, Full HD, IP colour Camera complete with all fittings and accessories including terminal connectors. It shall also be include mounting

Schedule A item no. 2:- 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 Clause no. 7.0:- The price shall cover supply, erection testing and commissioning of P/T/Z (Pan/Tilt/Zoom), Full HD, IP Colour Camera complete with all fittings and accessories including terminal connectors.

Schedule A item no. 3:- 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:- The price shall cover Supply, Erection, testing and commissioning of Full HD Resolution Fixed Dome type IP Colour Camera.

Schedule A item no. 4:- 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). The price shall cover installation and commissioning of Video Management & Video Recording Software with License.

Schedule A item no. 5:- 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)

Schedule A item no. 6:- 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



The price shall cover installation and commissioning of Server Hardware of Video Management & Video Recording.

Schedule A item no. 7:- 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.

Schedule A item no. 8:- 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.

Schedule A item no. 9:- 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.

Schedule A item no. 10:- 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.).

Schedule A item no. 11:- 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.

Schedule A item no. 12:- 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.

Schedule A item no. 13:- 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.

Schedule A item no. 14:- 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.

Schedule A item no. 15:- 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. This will also require Networking of CCTV System through configuration of SDH system (ECL Make) at all location and DNS System(Juniper make) at stations

Schedule A item no. 16:- 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. This will also require Networking of CCTV System through configuration of SDH system (ECL Make) at all location and DNS System(Juniper make) at stations

Schedule A item no. 17:- 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

Schedule A item no. 18:- 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.

Schedule A item no. 19:- 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). The price shall also include the cost of laying, conduit pipe/Casing & capping with required accessories).

Schedule A item no. 20:- 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 without any additional cost).

Schedule A item no. 21:- 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 without any additional cost).

Schedule A item no. 22:- 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.

Schedule A item no. 23:- 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.

Schedule A item no. 24:- 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.

Schedule A item no. 25:- 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.

Schedule A item no. 26:- 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.

Schedule A item no. 27:- 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.

Schedule A item no. 28:- Supply of Flexible PVC Conduit Pipe 32mm dia. Of standard reputed make.

Schedule A item no. 29:- Supply of Various Type of Connector-RJ45 Gold Plated locking Type Connectors, for screened CAT-6 Cable.

Schedule A item no. 30:- 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 Engineer.

Schedule A item no. 31:- Supply and installation of computer table (to keep work station, monitor, mouse and keyboard) and revolving chair-Godrej or featherlite or Zuari make.

Schedule A item no. 32:- 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.

Schedule A item no. 33:- Drawing/Blowing of optical fibre cable in PLB HDPE duct.

Schedule A item no. 34:- Supply and installation of FMS (24 F) Rack mountable with splicing and termination of OFC cables with all accessories as per Railway requirement(pigtails and other materials required for work to be supplied by the contractor). Make:-3M, Raychem, Tyco make.

Schedule A item no. 35:- 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.

Schedule A item no. 36:- 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.

Schedule A item no. 37:- 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.

Schedule B item no. 1:- 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 Special Condition of Contract of Tender Document)

Schedule B item no. 2:- 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.

ANNEXURE – IV

CERTIFICATION OF FAMILIARISATION

A. I/We hereby solemnly declare that I/We have visited the site of work and have familiarized myself/ourselves of the working conditions there in all respects and in particular, the following:

- a) Topography of the Area.
- b) Climatic condition and law and order situation in project area.

B. I/We have kept myself/ourselves fully informed of the provisions of this tender document comprising Instructions to the Tenderers, General Conditions of the Contract, Special Conditions, special terms and conditions apart from information conveyed to me/us through various other provisions in this tender document.

A. List of sites under the jurisdiction of CGM/TDL: -as per Annexure-C

- 1. **10 Stations**
- 2. **19 RH**
- 3. **49 ALH**
- 4. **2 IMD**
- 5. **8 IMSD**
- 6. **27 GSMR**
- 7. **17 SP/SSP**

C. I/We have quoted my / our rates as “Percentage above / below / at par” of costs as per Schedule of items Rates **in Offer Sheet**, taking into account all the factors given above.

(Signature of Tenderer/s)

**ANNEXURE – V****SUPPLEMENTARY AGREEMENT**

Articles of Agreement made on this in the year.....and
between DFCCIL acting through the Chief General Manager hereinafter called as one party
and..... of the second part.

Where the party hereto of the second part executed an agreement with the party hereto of the first part being agreement No. dated for the
performance of herein called the principal agreement.

And whereas it was agreed by and between the parties hereto that the works would be
completed by the party hereto of the second part on “date last extended” and
whereas the party hereto of the second part has executed the work to the entire satisfaction of
the party hereto of the first part and whereas the party hereto of the first part already made
payments to the party hereto of the second part diverse sums from time to time aggregating to
Rs. including the final bill bearing voucher No.....dated.....
(the receipt of which is here by acknowledged by the party hereto of the second part) in full
and final settlement of all his claim under the principal agreement.

Now it is hereby agreed by and between the parties in the consideration of sums already paid
by the party hereto of the first part to the party hereto of the second part against all
outstanding dues and claims for all works done under the aforesaid principal agreement
including / excluding security deposit, the party hereto of the second part have no further dues
/ claims against the party hereto of the first part under the said principal agreement.

It is further agreed by and between the parties that they party hereto of the second part has
accepted the said sums mentioned above in full and final satisfaction of all its dues and
claims under the said principal agreement.

It is further agreed and understood by and between the party that in consideration of the
payment already made under the agreement the said principle agreement shall finally
discharged and rescinded all the terms and conditions including the arbitration clause.

It is further agreed and understood by and between the parties that the arbitration clause
contained in the said principal agreement shall cease to have any effect and / or shall seems to
be nonexistent for all purposes.

Signature of the Tenderer/s

For and on behalf of

Witness of the signatures

Witness

.....

1.

2.

**ANNEXURE-VI****UNDERTAKING BY TENDERER**

1. Being duly authorized to represent and act on behalf of.....and having fully understood all the tender conditions and requirements for fulfilling eligibility criteria including residual / available bid capacity, the undersigned hereby declare that:
 - i) The information / statements given in support of technical and financial capability as per para 1.0 A, 1.0B and 1.0 C of Annexure-I of NIT of tender document are true and correct in every detail.
 - ii) This tender offer is made in the full understanding that:
 - a) All information / documents submitted along with tender offers by tenderer/s will be subject to verification by DFCCIL or its any authorized representative who may conduct any inquiries or investigations to verify the statements, documents and information submitted in connection with the tender offer and to seek clarification from our bankers, clients regarding any financial and technical aspects;
 - (b) In the event that the information/document submitted is found to be false or misleading, the tender shall be disqualified and the earnest money deposited shall be forfeited.
2. The client reserves the right to:
 - (i) Reject or accept any application, cancel the tender and reject all applications.

Signed

Name

For and on behalf of
Name of Firm/Company/JV

**ANNEXURE-VII**

(Guarantee –Bond offered by bank to DFCC in connection with the execution of Contracts)
(SD)

GUARANTEE BOND FORMAT
(To be used by approved Schedule Banks)

1. In consideration of the Employer DFCCIL (herewith called “ The Employer”) having agreed to exempt _____(hereinafter called “The said Contractor(s)”) from the demand, under the terms and conditions of an Agreement No..... dated _____made between _____and _____for _____(hereinafter called the “The Said Agreement”) of **security deposit** for the due fulfillment by the said contractor(s) of the terms and conditions contained in the said Agreement, on production of a Bank Guarantee for Rs. _____(Rupees _____only), we, _____(indicate the name of the bank) (hereinafter referred to as “ The Bank”) at the request of contractor(s) do hereby undertake to pay to the Employer an amount not exceeding Rs. _____against any loss or damage caused to or suffered or would be caused to or suffered by the Employer by reason of any breach by the said contractor(s) of any of the terms and conditions contained in the said Agreement.
2. We _____(indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this Guarantee without any demur merely on a demand from the DFCCIL stating that the amount claimed is due by way of loss or damages caused to or would be caused to or suffered by the DFCCIL by reason of any breach by the said Contractor(s) of any of the terms or conditions contained in the said Agreement or by reason of the Contractor(s) failure to perform the said Agreement. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this Guarantee shall be restricted to an amount not exceeding Rs. _____.
3. We undertake to pay to the Employer any money so demanded notwithstanding any dispute or disputes raised by the Contractor(s)/ Supplier(s) in any suit or proceeding pending before any Court or Tribunal relating thereto our liability under this present is being absolute and unequivocal. The payment so made by us under this Bond shall be valid discharges of our liability for payment hereunder the Contractor(S)/Supplier(s) shall have no claim against us for making such payment.
4. We _____(indicate the name of Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Agreement and that it shall continue to be enforceable till all the dues of the Employer under or by virtue of the said Agreement have been fully paid and its claims satisfied



or discharged or till _____ the Employer/DFCCIL certify that terms and conditions of the said Agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges the Guarantee. Unless a demand or claim under this Guarantee is made on us in writing on or before the _____, we shall be discharged from all liability under this Guarantee thereafter.

5. At any time during the period in which this guarantee is valid the Employer may request for its extension and the Bank will extend this guarantee under the same condition for the required time at the cost of the Contractor.
6. We _____ (indicate the name of Bank) further agree with the DFCC that the DFCC shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Agreement or to extent time of performance by the said Contractor(s) from time to time any of the powers exercisable by the DFCCIL against the said Contractor(s) and to forbear or enforce any of terms and conditions relating to the said Agreement and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said Contractor(s) or for any forbearance, act or omission on the part of the DFCCIL or any indulgence by the DFCCIL to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties for the said reservation would relieve us from the liability.
7. This Guarantee will not be discharged due to the change in the constitution of the Bank or the contractor(s)/Supplier(s).
8. We _____, (indicate the name of Bank) lastly undertake not to revoke this Bank Guarantee during its currency except with the previous consent of the DFCCIL in writing.

IN WITNESS WHEREOF we of the Bank have signed and stamped this guarantee on this day of...being herewith duly authorized.

Bank Seal Signature of Bank Authorize Official with Seal

Name:

Designation:

Address:

Witness:

1. Name:
Designation:
Address:

2. Name:
Designation:
Address:

**ANNEXURE-VIII****Format of Bank Guarantee for Performance Security**

Bank Guarantee No. :.....

Dated :.....

To,
Dedicated Freight Corridor Corporation of India Limited
Metro Station Building Complex 5th Floor,
Pragati Maidan, New Delhi

Reference: - Contract No., Awarded on

This deed of guarantee made this day of _____ Between _____ (Name of Bank) having registered office at _____ (hereinafter referred to as "Bank") of the one part, and Dedicated Freight Corridor Corporation of India Limited (hereinafter called the "Client") of the other part.

Whereas Dedicated Freight Corridor Corporation of India Limited has awarded the contract no. _____ for _____ (hereinafter called "the Contract") to _____ (Name of the Firm/ Consultant) having its registered office at _____ (hereinafter called the Firm/ Consultant).

AND WHEREAS the Firm/ Consultant is bound by the said Contract to submit to the Client an irrevocable performance security guarantee bond for a total amount of Rs. _____ (Rupees Amount in words).

Now, we the undersigned (name of the Bank official), of the Bank being fully authorized to sign and to incur obligations for and on behalf of the Bank hereby declare that the said Bank will guarantee the Employer the full amount of Rs ----- (Rs. In words) as stated above.

After the Contractor has signed the aforesaid contract with the Employer, the Bank further agrees and promise to pay the amount due and payable under this guarantee without any demure merely on a demand from the Employer stating that the amount claimed is due by way of loss or damage cause to or would be caused or suffered by the Employer by reason of any breach by the said contractor of any of the terms or conditions contained in the said agreement or by reason of the contractor failure to perform the said agreement. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However our liability under this guarantee shall be restricted to an amount not exceeding Rs----- (in words) only.

We ----- (indicate the name of Bank), further undertake to pay to the Employer any money so demanded notwithstanding any dispute or dispute raised by the contractor in any suit or proceeding pending before any court or Tribunal relating to liability under this present being absolute and unequivocal.

The Payment so made by us (name of Bank) under this bond shall be a valid discharges of our liability for payment there under and the Contractor shall have no claim against us for making such payment.



We------(indicate the name of bank), to further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till at all the dues of the Employer under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged by -----

(Designation and address of contract signing authority) on behalf of Employer certify that the terms and conditions of the said agreement have been fully and properly carried out by the said contractor and accordingly discharges this guarantee.

Not with standing anything to the contrary contained herein the liability of the bank under this guarantee will remain in force and effect until such time as this guarantee is discharged in writing by the Employer or until (date of validity/extended validity) whichever is earlier and no claim shall be valid under the guarantee unless notice in writing , thereof is given by the Employer within validity/extended validity period of guarantee from the date aforesaid.

Provided always that we(name of bank) un conditionally undertakes to renew this guarantee or to extend the period of guarantee from year to year before the expiry of the period or the extended period of guarantee, as the case may be on being called upon to do so by the Employer. If the guarantee is not renewed or the period extended on demand, we----- (name of bank) shall pay the Employer the full amount of the guarantee on demand without demur.

We------(indicate the name of Bank), to further agree with the Employer that the Employer shall have the fullest liberty without our consent and without effecting in any manner out of obligation hereunder to vary any of the terms and conditions of the said contract from time to time or to postpone for any time or from time to time any to power exercisable by the Employer against the said contractor and to forbear or enforce any of the terms and conditions of the said agreement and we shall not be relieved from our liabilities by reason of such variation, or extension being granted to the said contractor for any forbearance act or omission on the part of the Employer or any indulgence by the Employer to the said contractor or by any such matter or thing whatsoever which under the law relating to sureties for the said reservation would relieve us from the liability.

The Guarantee hereinbefore contained shall not be affected by any change in the constitution of Bank or of the Contractor.

The expression “The Employer”, ”The Bank” and “The Contractor” hereinbefore used shall include their respective successors and assigns.

We ------(name of the bank lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Employer in writing. Notwithstanding anything to the contrary contained hereinbefore:

- i) Our liability under this Bank Guarantee shall not exceed and restricted to Rs. ---
----- (in words).



- ii) This Bank Guarantee shall be valid up to----- , unless extended on demand by Employer.
- iii) The Bank is liable to pay the Guaranteed amount or any part thereof under this Bank Guarantee only if Employer serve a written claim or demand on or before---

IN WITNESS WHEREOF we of the Bank have signed and stamped this guarantee on this day of -----being herewith duly authorized.

Bank Seal

Signature of Bank Authorize Official with Seal

Name :.....

Designation:.....

Address :

Witness:

1. Name :.....

Designation :.....

Address :

2. Name

:.....

Designation:.....

Address :.....

**ANNEXURE-IX****FORM OF AGREEMENT**

(To be executed on requisite value of stamp Papers)

AGREEMENT

THIS AGREEMENT made on _____ day of _____ (Month/year) between, **DFCCIL**, _____ (address). (Hereinafter called “the Employer”) of the one part and _____ (name and address of the Contractor) (hereinafter called “the Contractor”) of the other part.

WHEREAS the Employer is desirous that certain works should be executed by the Contractor viz. **Contract No.** _____ (Hereinafter called “the works, and has accepted a Bid by the Contractor for the execution and completion of such works and the remedying of any defects therein.

NOW THIS AGREEMENT WITNESSETH as follows:

- 1.0 In this Agreement, words and expressions shall have the same meaning as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
- 2.0 The following documents shall be deemed to form and be read and construed as part of this Agreement: -
 - i) The Contract Agreement.
 - ii) Letter of Acceptance.
 - iii) Tender Form
 - iv) General Information
 - v) Notice Inviting Tender (with Annexes)
 - vi) Instructions to Tenderers
 - vii) Special Conditions of Contract
 - viii) Annexures
 - ix) Bill of Quantities (BOQ)/Schedule of Rates
 - x) General Terms and Conditions of Contract
- 3.0 In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the works and remedy any defects therein in conformity in all respects with the provisions of the Contract.
- 4.0 The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the works and the remedying of defects therein the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement executed the day and year first before written.

(Name, Designation and address of the
authorized signatory)

Signed for and on behalf of the
Contractor in the presence of:

Witness:

1.

2.

(Name, Designation and address of
the authorized signatory)

Signed for and on behalf of the
Employer in the presence of:

Witness:

1.

2.

**PRE CONTRACT INTEGRITY PACT****General**

This pre-bid pre-contract Agreement (hereinafter called the Integrity Pact) is made on----- day of the month of ----- 20xx, between, on one hand, the DFCCIL acting through Shri -----Designation of the officer, (hereinafter called the CLIENT, which expression shall mean and include, unless the context otherwise requires, his successors in office and assigns) of the First Part and M/s----- represented by Shri -----Chief Executive Officer (hereinafter called the "BIDDER/SELLER" which expression shall mean and include, unless the context otherwise requires, his successors and permitted assigns) of the Second part.

WHEREAS the CLIENT proposes to procure (Name of the Stores/Equipment/Item, Name of the Consultancy Service, Name of Works Contract, Name of Services) and the [A] is willing to Offer/has offered for stores or works.

WHEREAS the [A] is a private company/ public company/ Government undertaking/ partnership/ registered export agency, constituted in accordance with the relevant law in the matter and the CLIENT is a PSU performing its functions or behalf of the President of India.

NOW, THEREFOR,

To avoid all forms of corruption by following a system that is fair, transparent and free from any influence/prejudiced dealings prior to, during and subsequent to the currency of the contract to be entered into with a view to:-

Enabling the CLIENT to obtain the desired said (Name of the Stores/Equipment/Item, Name of the Consultancy Service, Name of Works Contract, Name of Services) at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement, and

Enabling BIDDERS to abstain from bribing or indulging in any corrupt practice in order to secure [B] by providing assurance to them that their competitors will also abstain from bribing and other corrupt practices and the CLIENT will commit to prevent corruption, in any form, by its Officials by following transparent procedures.

The parties hereto hereby agree to enter into this Integrity Pact and agree as follows:

Commitments of the CLIENT

- 1.1 The CLIENT undertakes that no official of the CLIENT, connected directly or indirectly with the [B], will demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favour or any material or immaterial benefit or any other advantage from the [A] either for themselves or for any person, organization or third party related to the [B], in exchange for an advantage in the bidding process, bid evaluation, contracting or implementation process related to the [B].
- 1.2 The CLIENT will, during the pre-contract stage, treat all BIDDERS alike, and will provide to all BIDDERS the same information and will not provide any such information to any particular BIDDER which could afford an advantage to that particular [A] in comparison to other BIDDERS.



- 13 All the officials of the CLIENT will report to the appropriate Government office any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach.
2. In case any such preceding misconduct on the part of such official(s) is reported by the [A] to the CLIENT with full, and verifiable facts and the same is prima facie found to be correct by the CLIENT, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings may be initiated by the CLIENT and such a person shall be debarred from further dealings related to the [B] process. In such a case while an enquiry is being conducted by the CLIENT the proceedings under the [B] would not be stalled.

Commitments of BIDDERS

3. The [A] commits itself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of its bid or during any pre-contract or post-contract stage) in order to secure the [B] contract or in furtherance to secure it and in particular commit itself to the following:-
- 3.1 The [A] will not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission fees, brokerage or inducement to any official of the CLIENT, connected directly or indirectly with the bidding process, or to any person, organization or third party related to the [B] in exchange for any advantage in the bidding, evaluation, contracting and implementation of the [B].
- 3.2 The [A] further undertakes that it has not given, offered or promised to give, directly or indirectly any bribe, gift, consideration, reward, favour, any Material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the CLIENT or otherwise in procuring the Contract or forbearing to do or having done any act in relation to the obtaining or execution of the [B] or any other [B] with the Government for showing or forbearing to show favour or disfavor to any person in relation to the [B] or any other [B] with the Government.
- 3.3 * [A] shall disclose the name and address of agents and representatives and Indian [A] shall disclose their foreign principals or associates.
- 3.4 * [A] shall disclose the payments to be made by them to agents/brokers or any other intermediary, in connection with this bid/contract.
- 3.5 The [A] further confirms and declares to the CLIENT that the [A] is the original manufacturer/integrator/authorized government sponsored export entity of the defense stores and has not engaged any individual or firm or company whether Indian or foreign to intercede, facilitate or in any way to recommend to the CLIENT or any of its functionaries, whether officially or unofficially to the award of the [B] to the [A] nor has any amount been paid, promised or intended to be paid to any such individual, firm or company in respect of any such intercession, facilitation or recommendation.
- 3.6 The [A] either while presenting the bid or during pre-contract negotiations or before signing the [B] shall disclose any payments he has made, is committed to or intends to make to officials of the CLIENT or their family members, agents, brokers or any other intermediaries in connection with the [B] and the details of services agreed upon for such payments.



- 3.7 The [A] will not collude with other parties interested in the [B] to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the [B].
- 3.8 The [A] will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.
- 3.9 The [A] shall not use improperly, for purposes of competition or personal gain, or pass on to others, any information provided by the CLIENT as part of the business relationship, regarding plans, technical proposals and business details, including information contained in any electronic data carrier. The [A] also undertakes to exercise due and adequate care lest any such information is divulged.
- 3.10 The [A] commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.
- 3.11 The [A] shall not instigate or cause to instigate any third person to commit any of the actions mentioned above.
- 3.12 If the, [A] or any employee of the [A] or any person acting on behalf of the [A], either directly or Indirectly, is a relative of any of the officers of the CLIENT, or alternatively, if any relative of an officer of the CLIENT has financial. Interest/stake in the Bidder's firm, the same shall be disclosed by the [A] at the time of filling of tender.

The term „relative“ for this purpose would be as defined in section 6 of the companies act 1956.

- 3.13 The [A] shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of the CLIENT.

4. Previous Transaction

- 4.1 The [A] declares that no previous transgression occurred in the last three years immediately before signing of this integrity Pact, with any other company in any country in respect of any corrupt practices envisage hereunder or with any public sector enterprise in India or any Government department in India that could justify BIDDER's from the tender process.
- 4.2 The [A] agrees that if it makes incorrect statement on this subject, [A] can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

5. Earnest Money (Security Deposit)

- 5.1 While submitting commercial bid, the [A] shall deposit an amount____(to be specified in RFP) as Earnest Money/Security Deposit, with the CLIENT through any of the following instruments:-
 - i. Bank draft or a pay order in favor of_____.
 - ii. A confirmed guarantee by an Indian nationalized bank, promising payment of the guaranteed sum to the CLIENT on demand within three working days

without any demur whatsoever and without seeking any reasons whatsoever. The demand for payment by the CLIENT shall be treated as conclusive proof or payment.

- iii. Any other mode or through any other instrument (to be specified in the RFP).
- 5.2 The earnest money/Security deposit shall be valid up to a period of five years or the contractual obligations to the complete satisfaction of both the BIDDER and the CLIENT, including warranty period, whichever is later.
- 5.3 In case of the successful [A] a clause would also be incorporated in the article pertaining to performance Guarantee in the [B] that the provisions of sanctions for violation shall be applicable for forfeiture of performance bond in case of a decision by client to forfeit the same without assigning any reason for imposing sanction for violation of this pact.
- 5.4 No interest shall be payable by CLIENT to the [A] on earnest Money/Security Deposit for the period of its currency.

6. Sanctions for Violations

- 6.1 Any breach of the aforesaid provisions by the [A] or any one employed by it or acting on its behalf (whether with or without the knowledge of the [A]) shall entitle the CLIENT to take all or any one of the following actions, wherever required :-
 - (i) To immediately call off the pre-contract negotiations without assigning any reason or giving any compensation to the [A]. However, the proceedings with the other BIDDER(s) would continue.
 - (ii) The earnest money deposit (in pre-contract stage) and/or security 1Deposit/performance Bond (after the [B] is signed) shall stand forfeited fully and the CLIENT shall not be required to assign any reason therefore.
 - (iii) To immediately cancel the [B], if already signed, without giving any compensation to the [A].
 - (iv) To recover all sums already paid by the CLIENT, and in case of an Indian [A] with interest thereon at 2% higher than the prevailing prime lending rate of state bank of India, while in case of a [A] from the country other than India with interest thereon at 2% higher than the LIBOR. If any outstanding payment is due to [A] from the CLIENT in connection with any other [B], such outstanding payment could also be utilized to recover the aforesaid sum and interest.
 - (v) To encash the advance bank guarantee and performance bond, if furnished by the [A], in order to recover the payments, already made by CLIENT, along with interest.
 - (vi) To cancel all or any other contracts with the [A]. The [A] shall be liable to pay compensation for any loss or damage to the Client resulting from such

cancellation/rescission and the client shall be entitled to deduct the amount so payable from the money(s) due to the [A].

- (vii) To debar the [A] from participating in future bidding processes of the Government of India for a minimum period of five years, which may be further extended at the discretion of the CLIENT.
- (viii) To recover all sums paid in violation of this pact by [A]) to any middleman or agent or broker with a view a view to securing [B] the contract.
- (ix) In cases where irrevocable letters of credit have been received in respect of any [B] signed by the client with the [A], the shall not be opened.
- (x) Forfeiture of Performance Bond in case of a decision by the client to forfeit the same without assigning any reason for imposing sanction for violation of this pact.

6.2 The client will entitled to take all or any of the actions mentioned at para 6.1(i) to (x) of this pact also on the commission by the [A] or any one employed by it or acting on its behalf (whether with or without the knowledge of the [A], of an offence as defined in chapter IX of the Indian penal code, 1860 or prevention of Corruption Act, 1988 or any other statute enacted for prevention of corruption.

6.3 The decision of the CLIENT to the effect that a breach of the provisions of this pact has been committed by the [A] shall be final and conclusive on the [A].
However, the [A] can approach the Independent Monitor(s) appointed for the purposes of this Pact.

7. Fall Clause

7.1 The [A] undertakes that it has not supplied/is not supplying similar product/systems or subsystems at a price lower than that offered in the present bid in respect of any other Ministry/Department of the Government of India or PSU and if it is found at any stage that similar product/system or sub systems way supplied by [A] to any other Ministry/Department of the Government of India or a PSU at a lower price, then that very price, with due allowance for elapsed time, will be applicable to the present case and the difference in the cost would be refunded by the [A] to the CLIENT, if the [B] has already been concluded

8. Independent Monitors

- 8.1 The CLIENT has appointed Independent Monitors (hereinafter referred to as Monitors) for this pact in consultant with the central vigilance commission (Names and addresses of the Monitors to be given)
- 8.2 the task of the Monitors shall be to review independently and objectively, whether and to what extent the parties comply with the obligations under this pact.
- 8.3 The monitors shall not be subject to instructions by the representatives of the parties and perform their functions neutrally and independently.
- 8.4 Both the parties accept that the Monitors have the right to access all the documents



relating to the project/procurement, including minutes of meetings.

- 8.5 As soon as the Monitor notices, or has reason to believe, a violation of this Pact, he will so inform the Authority designated by the CLIENT.
- 8.6 The BIDDER(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the CLIENT including that provided by the BIDDER. The [A] will also grant the Monitor, upon his request and demonstration of a valid Interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor shall be under contractual obligation to treat the information and documents of the [A] with confidentiality.
- 8.7 The client will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the parties. The parties will offer to the Monitor the option to participate in such meetings.
- 8.8 The monitor will submit a written report to the MD/DFCCIL within 8 to 10 weeks from the date of reference or intimation to him by the CLIENT/BIDDER and, should the occasion arise, submit proposal for correcting problematic situations.

9. Facilitation of Investigation

In case of any allegation of violation of any provisions of this Pact or payment of commission, the CLIENT or its agencies shall be entitled to examine all the documents including the Books of Accounts of the [A] and the [A] shall provide necessary information and documents in English and shall extend all possible help for the purpose of such examination.

10. Law and Place of Jurisdiction

This pact is subject to Indian law. The place of performance and jurisdiction is the seat of the CLIENT.

11. Other Legal Actions

The actions stipulated in this integrity pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

12. Validity

- 12.1 The validity of this integrity pact shall be from date of its signing and extend up to 5 years or the complete execution of the [B] to the satisfaction of both the CLIENT and the [A] including warranty period, whichever is later. In case [A] is unsuccessful, this integrity pact shall expire after six months from the date of the signing of the [B].
- 12.2 Should one or several provisions of this pact turn out to be invalid; the remainder of this pact shall remain valid. In this case, the parties will strive to come to an agreement to their original intentions.

13. The parties hereby sign this integrity pact at on



CLIENT

Name of the officer

Designation

Deptt./Ministry/PSU

BIDDER

CHIEF EXECUTIVE OFFICER

Witness

1. 2.

Witness

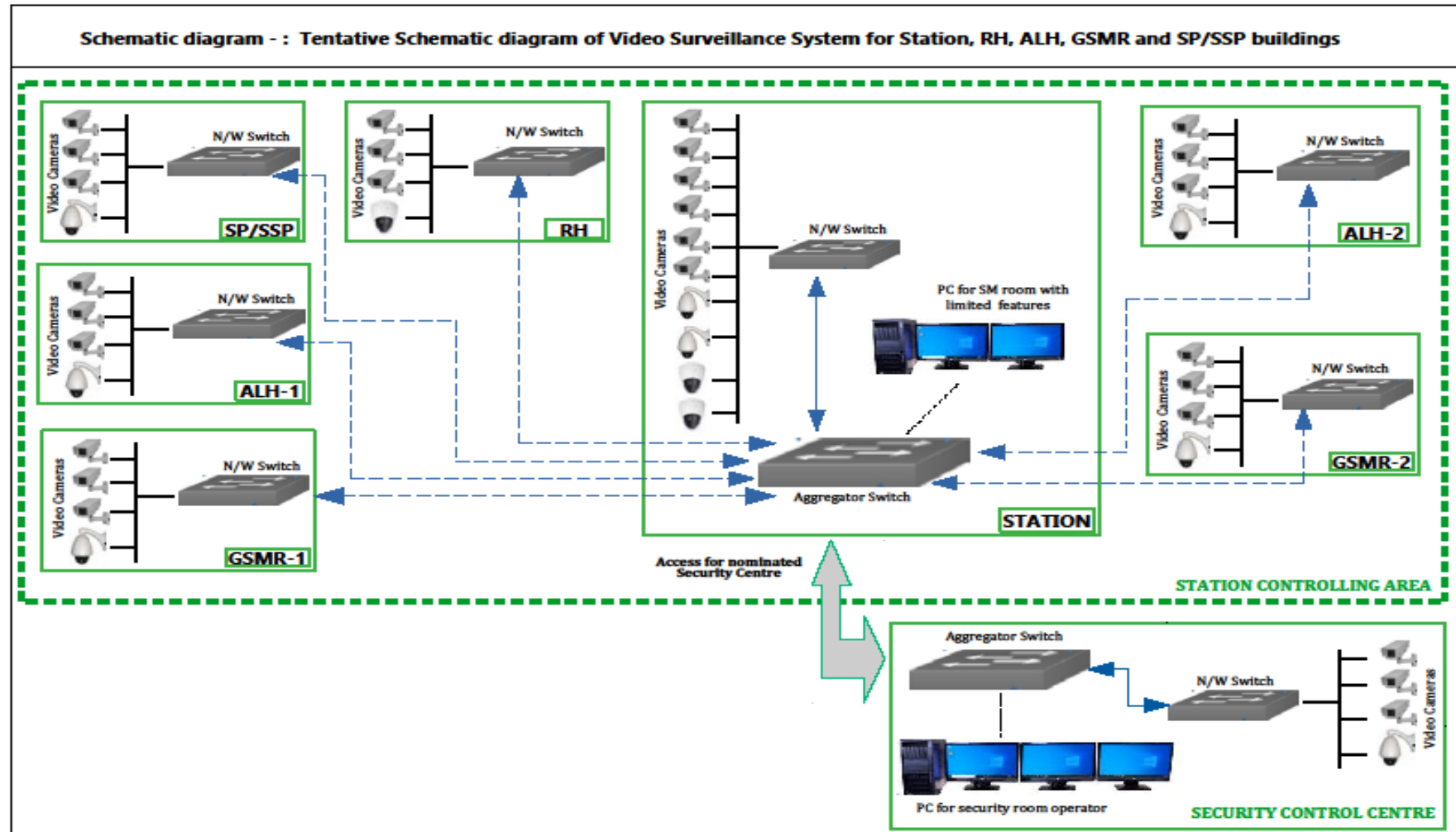
Note:

[A]- To be replaced by BIDDER/Seller/Consultant/Consultancy firm/Service provider as the case was may be

[B]- To be replaced by contract/supply contract/consultancy contract/works contract as the case was may be.

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Annexure-B



Annexure-C

Location	Building Name	Building Type	No. of fix box Camera	No. of Dome Camera	No. of PTZ Camera	Monitor
	Auto Location Hut	ALH-100	3	1	0	
Bhaupur	GSMR	P-1	3	1	0	
	GSMR	P-2	3	1	0	
	Relay Hut	RH 1	2	1	1	
	Integrated Maintenance Sub Depot	IMSD	6	2	0	
	STATION BUILDING		6	2	2	1
	Relay Hut	RH-2	2	1	1	
	Roshanmau Halt	SSP	3	1	0	
	Auto Location Hut	ALH-101	3	1	0	
	Auto Location Hut	ALH-102	3	1	0	
	Auto Location Hut	ALH-103	3	1	0	
	Ambiapur	SP	3	1	0	
Kanchausi	Auto Location Hut	ALH-104	3	1	0	
	Auto Location Hut	ALH-105	3	1	0	
	Auto Location Hut	ALH-106	3	1	0	
	Shahpur	SSP	3	1	0	
	Relay Hut	RH-3	2	1	1	
	Integrated Maintenance Sub Depot	IMSD	6	2	0	
	STATION BUILDING		6	2	2	1
	Relay Hut	RH-4	2	1	1	
	Auto Location Hut	ALH-107	3	1	0	
	Auto Location Hut	ALH-108	3	1	0	
	Auto Location Hut	ALH-109	3	1	0	
Achalda	Relay Hut	RH-5	2	1	1	
	Achalda	SSP	3	1	0	
	Integrated Maintenance Sub Depot	IMSD	6	2	0	
	STATION BUILDING		6	2	2	1
	Relay Hut	RH-6	2	1	1	
	GSMR	P-1	3	1	0	
	GSMR	P-2	3	1	0	
	Auto Location Hut	ALH-111	3	1	0	
	Auto Location Hut	ALH-112	3	1	0	
	Thari	SP	3	1	0	
	Auto Location Hut	ALH-113	3	1	0	
Ekdil	GSMR	P-3	3	1	0	
	GSMR	P-4	3	1	0	
	GSMR	P-5	3	1	0	
	Auto Location Hut	ALH-114	3	1	0	
	Auto Location Hut	ALH-115	3	1	0	
	Relay Hut	RH-7	2	1	1	
	Ekdil	SSP	3	1	0	



	Integrated Maintenance Depot	IMD	10	2	0	1
	STATION BUILDING		6	2	2	1
	Relay Hut	RH-8	2	1	1	
	Auto Location Hut	ALH-116	3	1	0	
	GSMR	P-3	3	1	0	
	Auto Location Hut	ALH-117	3	1	0	
	GSMR	P-5	3	1	0	
	Auto Location Hut	ALH-118	3	1	0	
	GSMR	P-8	3	1	0	
	Auto Location Hut	ALH-119	3	1	0	
	Kaisth	SSP	3	1	0	
Bhadan	Auto Location Hut	ALH-120	3	1	0	
	Auto Location Hut	ALH-121	3	1	0	
	Rohtai	SP	3	1	0	
	Auto Location Hut	ALH-122	3	1	0	
	Relay Hut	RH-9	2	1	1	
	Integrated Maintenance Sub Depot	IMSD	6	2	0	
	STATION BUILDING		6	2	2	1
	Relay Hut	RH-10	2	1	1	
	Auto Location Hut	ALH-123	3	1	0	
	Dabrai	SSP	3	1	0	
	Auto Location Hut	ALH-124	3	1	0	
Makhanpur	Auto Location Hut	ALH-125	3	1	0	
	Auto Location Hut	ALH-126	3	1	0	
	Auto Location Hut	ALH-127	3	1	0	
	Integrated Maintenance Sub Depot	IMSD	6	2	0	
	STATION BUILDING		6	2	2	1
	Relay Hut	RH-11	2	1	1	
	Auto Location Hut	ALH-128	3	1	0	
	Barkatpur	SSP	3	1	0	
	Auto Location Hut	ALH-129	3	1	0	
	GSMR	P-3	3	1	0	
	GSMR	P-2	3	1	0	
Tundla	GSMR	P-7	3	1	0	
	GSMR	P-5	3	1	0	
	GSMR	P-8	3	1	0	
	Auto Location Hut	ALH-130	3	1	0	
	Bankat	SP	3	1	0	
	Auto Location Hut	ALH-131	3	1	0	
	Relay Hut	RH-12	2	1	1	
	Integrated Maintenance Sub Depot	IMSD	6	2	0	
	STATION BUILDING		6	2	2	1
	Relay Hut	RH-13	2	1	1	
	Auto Location Hut	ALH-132	3	1	0	
	Tundla	SSP	3	1	0	
	Auto Location Hut	ALH-133	3	1	0	
	Auto Location Hut	ALH-134	3	1	0	
	GSMR	P-1	3	1	0	



	GSMR	CL-1	3	1	0	
Barhan	GSMR	P-4	3	1	0	
Hathras	Auto Location Hut	ALH-135	3	1	0	
	Auto Location Hut	ALH-136	3	1	0	
	Auto Location Hut	ALH-137	3	1	0	
	Auto Location Hut	ALH-138	3	1	0	
	Pora	SSP	3	1	0	
	Relay Hut	RH-14	2	1	1	
	Integrated Maintenance Sub Depot	IMSD	6	2	0	
	STATION BUILDING		6	2	2	1
	Relay Hut	RH-15	2	1	1	
	Auto Location Hut	ALH-139	3	1	0	
	Auto Location Hut	ALH-140	3	1	0	
Hathras Detour	GSMR	P-5	3	1	0	
	Dariapur	SP	3	1	0	
	GSMR	P-2	3	1	0	
	GSMR	P-1	3	1	0	
Daudkhan	Auto Location Hut	ALH-141	3	1	0	
	Auto Location Hut	ALH-142	3	1	0	
	Mandrak	SSP	3	1	0	
	Relay Hut	RH-16	2	1	1	
	Integrated Maintenance Sub Depot	IMSD	6	2	0	
	STATION BUILDING		6	2	2	1
	Relay Hut	RH-17	2	1	1	
	GSMR	P-1	3	1	0	
	GSMR	P-2	3	1	0	
	GSMR	P-3	3	1	0	
	GSMR	P-4	3	1	0	
	GSMR	P-5	3	1	0	
	GSMR	P-6	3	1	0	
	Somna	SSP	3	1	0	
	Auto Location Hut	ALH-143	3	1	0	
	Auto Location Hut	ALH-144	3	1	0	
	Auto Location Hut	ALH-145	3	1	0	
Khurja	Auto Location Hut	ALH-146	3	1	0	
	Auto Location Hut	ALH-147	3	1	0	
	Auto Location Hut	ALH-148	3	1	0	
	Auto Location Hut	ALH-149	3	1	0	
	Danwar	SP	3	1	0	
	Relay Hut	RH-18	2	1	1	
	Integrated Maintenance Depot	IMD	10	2	0	1
	STATION BUILDING		6	2	2	1
	Relay Hut	RH-19	2	1	1	
Bhaupur	Sec. Control Centre	Bhaupur	4	0	1	
Tundla		Tundla	4	0	1	
Khurja		Khurja	4	0	1	3
Prayagraj	Operation Control Centre	OCC	0	0	0	2
TOTAL			457	152	42	17

FINANCIAL OFFER

(SCHEDULE OF RATES)



Bill of Quantity and Estimated Rate

Name of Work:- Provision 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 and AMC of complete system for 5 Years after expiry of 3year warranty period.

Schedule 'A'

Sl.No.	Description of the Work	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1	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]	No.	467	30000	14010000
2	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]	No.	43	90000	3870000
3	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]	No.	157	27533	4322681
4	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]	No.	667	3200	2134400



5	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]	No.	195	4500	877500
6	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]	No.	6	204321	1225926
7	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.	No.	6	1499	8994
8	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]	No.	6	204321	1225926
9	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.	No.	6	1499	8994



10	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.)	No.	3	2623800	7871400
11	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.	No.	19	127522	2422918
12	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]	No.	19	750	14250
13	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]	No.	23	50877	1170171
14	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.	No.	23	375	8625



15	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]	No.	152	12072	1834944
16	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]	No.	14	42808	599312
17	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.	No.	30	7800	234000
18	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.	No.	3	64200	192600
19	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]	Mtr	40000	55.58	2223200
20	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]	Mtr	4000	82.69	330760
21	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]	Mtr	2000	145	290000



22	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.	Mtr.	5000	58	290000
23	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.	Mtr.	5000	60	300000
24	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.	Mtr.	5000	250	1250000
25	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.	Mtr	600	300	180000
26	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.	No.	3	269500	808500
27	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].	No.	23	21875	503125
28	Supply of Flexible PVC Conduit Pipe 32mm dia. Of standard reputed make [Inspection by consignee].	Mtr	3000	21.875	65625
29	Supply of Various Type of Connector-RJ45 Gold Plated locking Type Connectors, for screened CAT-6 Cable [Inspection by Consignee].	No.	2000	8.75	17500
30	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].	No.	60	13125	787500



31	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]	No.	18	15000	270000
32	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.]	Mtr.	5000	70	350000
33	Drawing/Blowing of optical fibre cable in PLB HDPE duct. [Inspection by consignee]	Mtr.	5000	13.125	65625
34	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	Mtrs	10	4548.5	45485
35	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.]	No.	19	21875	415625
36	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.	LS	10	262500	2625000
37	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.	No.	10	15225	152250
	<u>Total Cost of Schedule 'A'</u>			5,30,02,836/-	

**Schedule 'B'**

Item. No.	Description of the Work	Qty.	Unit	Rate	Amount	Remarks
1.	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)					
A.	CCTV Operator (Skilled labour) 12 nos For New Khurja and New Ekdil security centre	8760 (12x365x2)	Man days	745	65,26,200	
B.	CCTV Operator (Skilled labour) 06 nos For OCC/Prayagraj security centre	4380 (6x365x2)	Man days	874	38,28,120	
C.	CCTV Supervisor (Highly Skilled labour) 02 nos For New Khurja and New Ekdil security centre	1460 (2x365x2)	Man days	874	12,76,040	
D.	CCTV Supervisor (Highly Skilled labour) 01 nos For OCC/Prayagraj security centre	730 (1x365x2)	Man days	960	7,00,800	
2.	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.	5	Per Year	42,40,226.88	2,12,01,134	
Total Cost of Schedule 'B'					Rs. 3,35,32,294/-	
Total Cost of Work (Schedule- 'A' & 'B')					Rs. 8,65,35,130/-	
(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)					Say Rs. 8,65,35,130/-	
Total Cost of Work (in Words) Rs. Eight Crore Sixty Five Lak Thirty Five Thousand one hundred thirty Rupees Only						



Offer Sheet						
Offer to be filled by tenderer(s) in below table						
Sl.No.	Scope of work	Estimated cost	Below, Above and At Par	% Quoted by bidder	% Quoted by bidder (In Words)	Total Cost
Coulmn 1	Coulmn 2	Column 3	Column 4	Coulmn5	Coulmn6	Coulmn7
1	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	Rs. 8,65,35,130/-	.			

Quoting of rates

1. Tenderer is not allowed to quote for individual item(s).
2. Tenderer should offer rate in above table in % below, above and at par in figures as well as in words.
3. Tenderer must sign the following certificate.

I/We offer and agree to execute the above work at rate uploaded online at www.ireps.gov.in through digital Signature.

Signature of tenderer with seal