



INTRODUCTION & PREAMBLE

1. Introduction

ITI Limited, is a scheduled “A” Public Sector Undertaking under the Ministry of Communication, Department of Telecommunication, Government of India, with its Registered & Corporate Office at ITI Bhavan, Dooravaninagar, Bengaluru – 560 016, Karnataka, India.

The Company is having multiple production units in India located at Bengaluru in Karnataka State, Palakkad in Kerala State, Rae Bareli, Naini & Mankapur in state of Uttar Pradesh and Srinagar in J&K State and also having Network System Unit in Bengaluru in Karnataka State and Regional Offices in all the major cities in India.

For more details please visit our website <http://www.ilttd-india.com>

2. Preamble

The Company has established Optical Fibre Cable Manufacturing Machine Lines in its Rae Bareli (UP, India) unit and is interested to augment its manufacturing capacity with establishment of additional Manufacturing Machine lines through this NIT at its Rae Bareli (UP, India) unit.

The successful bidder is required to Supply, Install and Commission the manufacturing machine lines as per NIT.



BID DOCUMENT

**TENDER FOR
OPTICAL FIBRE CABLE MANUFACTURING MACHINE LINES. AS
PER SCOPE OF WORK & TECHNICAL SPECIFICATION & GENERAL
REQUIREMENT MENTIONED IN BID DOCUMENT”.**

**TENDER NO. EQW18K1290CO, DATED: 10.10.2020
DUE DATE:**

**ITI LIMITED
(A Government of India Undertaking)
Sultanpur Road, RAE BARELI-229010 (U.P)**

Visit us at www.itiltd-india.com

ITI LIMITED

(A GOVT. OF INDIA UNDER TAKING)

SULTANPUR ROAD, RAE BARELI -229010 (UP) INDIA

Tel.: 0535-2287565, 2287387 FAX: 0535-2702106, 2702454.

E-mail: deepak_rbl@itilttd.co.in

TENDER NO. **EQW18K1290CO**

(Please quote this in all correspondence)

TENDER DATE:

DUE DATE :

ON BEHALF OF ITI LIMITED, RAEBARELI, SEALED TENDERS ARE INVITED FROM THE ELIGIBLE BIDDERS AS PER SPECIAL NOTES, TERMS & CONDITIONS AT ANNEXURE- A AND B , ITEM DESCRIPTION, QTY & DELIVERY SCHEDULE AS GIVEN BELOW :

SI No	Item Description	Qty. Reqd. (No.)	Delivery Reqd.
1	Optical Fibre Colouring Machine Lines	02 Nos	Nov-Dec 2020
2	SZ Stranding Line	01 No.	Nov-Dec 2020
3	Sheathing line with armouring	02 Nos	Nov-Dec 2020
4	Fibre Ribbon secondary Coating Line	01 Nos	Nov-Dec 2020

Special Note:

1. Please send your quotation in three sealed covers.

This is only an enquiry to quote and not an order. This tender enquiry is not transferable.

- (a) The first cover should contain " EMD DD of Rs 5.0 Lacs only as specified. This cover should be super scribed as Earnest Money Deposit for Tender No. **EQW18K1290CO, Dated 08.10.2020**
The bidder shall furnish, as part of his bid, and Earnest Money Deposit for Rs. 5.0 Lacs (Rs Five lacs)

EMD can be deposited in INR through DD/ RTGS/NEFT to our attached BANK ACCOUNT DETAILS. However it should be ensured that EMD is credited in our Bank Account on or before the date of opening the tender. (Bank Mandate Form attached herewith). Demand Draft issued by a scheduled Bank in favour of ".ITI Limited, Raebareli "payable at Raebareli.

- (b) The second cover should contain " Technical Bid " and this cover should be super scribed as "Technical Bid for Tender No. **EQW18K1290CO, Dated 08.10.2020.**

- (c) The third cover should contain " Commercial Bid " and this cover should be super scribed as Commercial Bid for Tender No. **EQW18K1290CO, Dated 08/10/2020..** This bid should contain The price & other terms & conditions.

All the above three separately sealed covers should be kept and sealed in another envelop and should be super scribed with Tender No., Date and Due date and Bid type (EMD, Technical & Commerical) on the face of the envelop and should be addressed to ITI Limited, Sultanpur Road, Raebareli- 229010 (U.P.)INDIA.

Tenders should reach us on or before the due date before 16:30 Hrs. of the due date.

- 1 (a) **OPENING OF TENDERS :**

Tenders against enquiries will be opened in the presence of the tenderer/authorized representative, if requested by the bidders and informed 2-3 days before the due date, otherwise it shall be opened by our TOC.

2. **Terms of Price:** FOR ITI RAEBARELI (U.P)

- (a) The quoted Price in INR only should be Inclusive of Installation & Commissioning charges as per our Scope of work.
- (b) The Rates quoted for AMC charges in INR only will be taken into account for commercial competitiveness while evaluating for L1 bidder.

3. **Payment Terms :**

- (a) 90% Payment through Letter Of Credit (L/C) of 120 Days from receipt of material at our works i.e ITI-RBL
- (b) Balance10% Payment after successful Installation & Commissioning of equipment at ITI-RBL.

- 4 Submission of Performance Bank Guarantee (PBG) as security deposit, of equivalent value valid for Warranty period of two years. Value of PBG shall be 5% of the PO value. PBG will be in INR from any Indian Nationalized Bank. Foreign Currency Exchange Rate will be considered as on date of issuance of PBG.

5. Bid shall remain valid for 150 days.

6. As per govt. norms, while making payment 2.5 Lacs & above, 2% GST TDS will be deducted.

7. The Earnest Money deposit of unsuccessful bidders will be returned.

The successful bidder's EMD deposit will be converted into Security Deposit depending upon the bidder's acceptance of P.O. satisfactorily. However the difference between EMD and security deposit shall have to be adjusted.

The EMD deposit may be forfeited, (i) if the bidder's withdrawal his bid during the bid validity specified by the bidders in the bid (ii) in case of successful bidder, if bidder fails to accept the PO satisfactorily.

8. The above enquiry is also available on our website www.itilt-d-india.com and Govt. website www.eprocure.gov.in
9. Please confirm scope of working and Machine specification strictly as per our Bid Document in your quotation.
10. Any product / item / Machine or equipment found faulty during our manufacturing process / system testing / installation and commissioning / operation of our equipment in field due to deviation from our specifications shall be replaced by vendor free of cost immediately.
11. Warranty will be for a period of minimum two years (02) from the installation, commissioning and successful running of the Optical Fibre Colouring Machine Line. Any breakdown during warranty period shall be attended by the vendor free of cost within 48 hours of informing the complaint & replace the parts, if required, at his own expenses.
12. Bidders should mention their Profile like Name of Firm, Office & Work Address, Fax, Phone, Email ID, Contact Person, Category of Firm (Small/Medium/Large, Dealer, Distributor & Manufacturer etc), Company Registration No., Year of establishment.
13. Bidders should provide their company's Income Tax Permanent A/C No., TIN No., GSTIN No. etc
14. The packing, unpacking, loading and unloading of items shall be done by the bidder at their expense.
15. All suits shall be instituted in a court of competent jurisdiction at Raebareli and in case of arbitration, the Indian Arbitration Act, 1996 is applicable.
16. ITI Ltd, Raebareli without prejudice to any other remedy for breach of contract, by written notice of default, sent to bidder, terminate this contract in whole or in part, if bidder fails to deliver any or all of the goods within the time period, specified in the contract satisfactorily.
17. ITI Ltd, Raebareli reserve the right to accept or reject any bid, and to annul the bidding process, at any time prior to award of contract without assigning any reason what so ever and without there by incurring any liability to the affected bidder or bidders. ITI Ltd, Raebareli also reserve the right to decrease the quantity to be procured against this tender.
18. Foreign Exchange rate would be reckoned based on the rates prevailing on the "Last date for submission of the Bids".
19. Details of Independent External Monitor (IEM) appointed by ITI for Integrity Pact are as under:-
Shri Venugopal K.Nair, IPS (Retd.), P-1, Waterford Appointment, Pandit Kuruppan Road, Thevara, Kochi- 682013
20. Integrity Pact (as per format attached) on plain paper duly signed should be submitted along with Technical Bid/Tender Document.
21. Bidders participating in Tender have to sign Integrity Pact on placement of order/contract.
22. Successful bidder has to sign Integrity Pact on Rs.100/- Stamp Paper if a Purchase Order is placed.
23. If bidder is MSME industry, latest certificate must be provided along with the quotation indicating the class i.e. Women/SC,ST etc
24. Last date of Tender clarification will be the due date of the tender .
25. In case of tender are being submitted through e-mail, following guidelines must be followed.
 - (I) The e-mail quotations/offers may be submitted as attachment (s) at e-mail – ID deepak_rbl@itilt-d.co.in only.
The attachment (s) must be .pdf/.doc/.xls/.jpg/.tif type file .
 - (II) No copy (CC) of quotations/offers should be sent to any other e-mail-ID of ITI Limited.
 - (III) The subject line of the- mail for offer/quotations must contain Tender No and Due date
26. The commercial bid ought to be Password Protected.
Bidders will be mailing the Password on above mail ID on the date of Opening of Commercial Bid.

OTHER TERMS:

1. PRICES :

In case of supply of imported items by local dealers proof of import should be provided. Prices quoted should indicate clearly the Modvat relief, being passed on to ITI and supplier should furnish regular invoice indicating rate and amount of duty that is passed on which should be proportionate to the materials sold to ITI from the relevant imported consignment, covered under this appropriate Bill of Entry.

2. STATUTORY LEVIES :

- a. All applicable statutory levies like GST etc., should be separately indicated with the current rate applicable. Otherwise rate quoted will be deemed as inclusive of taxes / levies. Vague terms like "As applicable at the time of supply" should be avoided. Apart from statutory levies other charges like handling, P&F etc., will not be paid by us.
- b. In case of GST exempted delivery, authorization letter from the competent authority should be enclosed along with the quote.
- c. In case of statutory levies like GST, Surcharge etc., are modified the same has to be intimated to ITI immediately.

3. MODVAT RELIEF :

- a. We are eligible to avail the credit of GST paid on items procured for manufacturing Telecommunication equipments under GST RELIEF scheme. Hence "Invoice Cum Gate Pass" in original for payment, and transporter copy duly marked and authenticated is to be produced along with the consignment. In case of your failing to adhere to this instruction, no GST will be reimbursed by us.
- b. Invoices should be in the prescribed form and have all particulars as per GST Rules and notifications as amended from time to time,
- c. Agents/Distributors, on whom an order is placed should also produce Invoice Cum Gate Pass as per the procedure laid down by GST Rules and notifications issued from time to time. They should get registered with GST authorities where GST is being passed on.

4. INSPECTION :

Inspection of the material at our works will be final. ITI reserves the right to inspect the material at any other standard testing center authorised by us.

5. GENERAL :

- a. We reserve the right to accept or reject any or all offers and to order full or part quantities or cancellation thereof without assigning any reason whatsoever.
- b. Successful tenderer only will be intimated by post through/letter/mail of intent/firm orders.
- c. Canvassing by tenderers in any form including un-solicited letters against tenders submitted or post-tender corrections shall render their tenders liable for summary rejection.

6. DELIVERY SHEDULE : Shipments must be made strictly as per the indicated delivery schedule in the purchase order. Any additional / incidental charges due to deviation in number of deliveries without our prior concurrence will be to your account.

7. Liquidated Damages Clause :

Time is the essence of contract and the materials, against an order arising out of this enquiry must be delivered by the supplier according to the delivery schedule indicated in the P.O. In case of any change, the supplier should inform us in advance and obtain our approval to the revised delivery schedule. Should the supplier fail to deliver the material or part thereof as per the delivery schedule, or any extension thereof, we shall be entitled at our option either to recover from the supplier, as penalty, a sum equivalent to ½% (half percent) per week for first four weeks and 0.7% per week thereafter for such delay or part thereof or terminate the contract in respect of the balance supply so delayed and purchase materials elsewhere at the risk and cost of the defaulting supplier.

8. SECURITY DEPOSIT :

In case of an order on you, you will have to agree for an interest free security deposit of 5% of order value subject to a maximum of Rs 10 Lakhs, by cash or draft only which will be forfeited in case you fail to execute the order to our satisfaction in all respects. This clause may be waived off in case of approved or established suppliers. However, the sole discretion lies with ITI.

9. LOCAL REPRESENTATION :

Please indicate your local representative's address, telephone, Fax No., E-mail Id, the person to be contacted, in the offer.

10. TECHNICAL CATALOGUE :

In the event of any change in the technical catalogue, updated version may be sent to us immediately. It is essential that you simultaneously take up the same with approving authority and their approval copy sent to us.

11. GOVERNING LAW :

All suits shall be instituted in a court of competent jurisdiction at Rae Bareli and in case of arbitration, the Indian Arbitration Act, 1996 is applicable.

Yours faithfully
For ITI Limited, Raebareli
Deepak Prasad
CM-PPM(II)

Scope of Work & Technical Specifications
(Optical Fibre Cable Manufacturing Machine Lines)

1. SCOPE OF WORK

- 1.1. The work involves supply, installation, testing & commissioning of the below mentioned Machine/s at ITI Limited, Rae Bareli (UP, India) with free of charge onsite warranty support for two (02) years from the date of Installation & Commissioning. It also includes trial run and operation & maintenance training on the Machinery / Equipment.

Sl.	Item Description	Quantity
(i)	Optical Fibre Colouring Machine Line	2 nos.
(ii)	SZ Stranding Line	1 no.
(iii)	Sheathing Line with Armouring	2 nos.
(iv)	Fibre Ribbon secondary Coating Line	1 no.

- 1.2. For product quality standard, the applicant shall assure the compliance of TEC GR of BSNL (Latest & its updation).
- 1.3. Operation and maintenance training shall be provided by the Bidder free of cost at supplier works for 2-3 ITI Engineers on each type of machines. The training shall also be imparted by the bidder at our works for operation and maintenance of each machine.
- 1.4. Party shall provide plant machinery layout.
- 1.5. Bidder may visit the site to assess the requirement as per the site conditions before submitting the bid.
- 1.6. Party shall provide detail information of each line / unit as mentioned below –
- Power requirement
 - Water Requirement and point of use
 - Machine / Line Dimension (L x W x H) & Space Requirement
 - Requirement of Compressed Air (with Flow Rate and Pressure) and point of use.
 - Requirement of Nitrogen Gas with quantity, quality and point of use.
- 1.7. Two sets of Operation & Maintenance manual and Spare Parts list (in English language) shall be provided by the Bidder along with the supply of items for each machine.
- 1.8. General information which includes full specification containing features of the offered machine shall be provided by the party.
- 1.9. Pneumatic Diagram, Electrical Diagram & Electronic Circuit Diagram with detailed diagnostic procedure and components part list shall be submitted by the Bidder at the time of Installation & Commissioning.
- 1.10. Engineering document required for all the required machine lines for selection of tools like Tip & Die, Jelly Needles, Ribbon Needles, Binder Die & Jelly

Annexure – A

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Scrapping Die etc. for manufacturing of different types of Optical Fibre Cables at the time of installation & commissioning.

- 1.11. Essential spare parts & tools must be supplied along with each machine and its detail list shall be submitted along with the technical bid.
- 1.12. Trial runs should be carried out by the Bidder for each machine line to achieve the production speed. Raw material shall be provided by ITI Limited.
- 1.13. Complete installation & commissioning of the machine/s is in the scope of bidder only. All the electrical/mechanical, fittings/pipelines/parts/accessories required for installation and commissioning shall be supplied and installed by the party.
- 1.14. Compressed Air, Nitrogen Gas and Water shall be provided near point of use by ITI Limited, Rae Bareli. PU tubes, water pipes and other accessories required to distribute it in the machine line shall be supplied and installed by the bidder.
- 1.15. Complete Electrical Distribution Panel & Control Panel for each Machine line shall be supplied & installed by the successful Bidder. However, ITI will provide 3 phase 415 Volt $\pm 10\%$, 50 Hz uninterrupted power supply through suitable TPN / MCCB at only one point near each Machine Line. Bidder shall distribute the power supply at all the required points. Cables & Transformers (if any) required from TPN / MCCB to the machine line shall be supplied and installed by the bidder only. Bidder shall provide the load of the complete system well in advance.
- 1.16. Bidder shall install all the electrical cables in proper cable tray of suitable dimensions so as to avoid interference of cable with manpower/machine. Proper trays should cover the entire cables up to machine end. All the electrical connections should be properly insulated.
- 1.17. The Successful Bidder shall arrange & provide all consumable items for Installation, Testing and Commissioning of the machine/s at site free of cost. Any additional item mandatory for Installation & commissioning but not indicated in the bid shall be provided by the Bidder without any extra cost. Any other item, required for completion of the job will be on Bidder's account except raw materials for trial run.
- 1.18. Any other item/equipments which are essentially required for successful and smooth running of the machine line shall be supplied and installed by the bidder. The machine lines shall be complete in all respect.
- 1.19. Any software up gradation shall be done by the party if required in future.
- 1.20. After sales service and spares availability shall be ensured by the party.
- 1.21. Party shall quote for each machine line / unit separately.
- 1.22. ITI Ltd. will provide –
 - 1.22.1. Uninterrupted Power Supply -3 Phase 415 Volt $\pm 10\%$, 50 Hz –will be provided through suitable TPN / MCCB at only one point near each Machine line.
 - 1.22.2. Earthing required for Machinery Line.
 - 1.22.3. Compressed Air near point of use
 - 1.22.4. Nitrogen Gas near point of use

1.22.5. Water near point of use

1.22.6. Raw Materials required for Trial Run

2. TECHNICAL SPECIFICATIONS

(i) Optical Fibre Colouring Machine Line

Quantity - 02 Nos.

The Optical fibre colouring machine line shall be supplied for Colouring Optical Fibers at processing speeds of 2500 mpm or more when it is running without ring marking. The machine shall colour fibers with different coloured UV curable inks. Pay-off and take-up reels shall be compatible for 25 Km, 50 Km and more.

The machine line shall be capable of Colouring fibres of below mentioned cables at above mentioned speed.–

a) For 6F to 144F :

- Metal free Optical Fiber cable
(Installation through underground duct).
- Armoured Optical Fiber cable
(Installation underground – directly buried)
- Aerial Optical Fiber cable
(Aerial installation)

b) 48F, 96F, 144F & 288F High Count Metal free / Armoured Ribbon Optical Fibre Cable (Single / Double Sheath)

Machine configuration for each colouring line:

- Pay-off.
- Pay-off tension dancer.
- Colouring system with dies.
- UV curing furnace – two nos. and it shall be suitable to realize colouring speed of 2500 mpm or more.
- The UV irradiator with control system shall constantly measure the irradiator power and shall automatically adjust the power output to match the fibre speed. This will ensure optimum irradiator efficiency and prevents thermal overloading of the fibre at slow speeds or at standstill. Automatic compensation for irradiator aging or quartz tube deterioration shall maintain flawless curing.
- Continuously adjustable, nitrogen-added UV curing
- Automatic adjustment of processing speed to UV irradiator curing performance
- Pay-off and take-up with fibre tension controlled drives
- Capstan system.
- Take-up tension dancer.
- Take-up.
- Fibre Tension Sensors to ensure optimized fiber tension control

- Electrical control system.

List of Accessories & Spares (To be supplied with each machine line separately):

- Tool Kit for Operation & Maintenance - 2 set
- Ultrasonic cleaner for Colouring Dies - 1 no.
- Ink Rotator of approx. 8 to 10 rpm - 1 no.
- Colouring Dies (01 set with Machine & 04 sets as spare) - 5 sets
- UV Lamp Power Supply (01 with Machine & 02 as spare) - 3 sets
- UV Lamp (02 with Machine & 10 as spare) - 12 nos.
- Quartz Tube (02 with Machine & 10 as spare) - 12 nos.
- Any other item required for complete installation & commissioning of the machine and its working shall be supplied by the party.

(ii) SZ Stranding Line:

Quantity - 01 No.

The SZ Stranding Line shall be supplied for the laying of Optical Fiber Loose tubes, Micro tubes with gel and dry tubes around a central member by SZ stranding technology at productions speeds of 100 mpm or more (Tube Standing Pitch : 80 mm, Yarn Binding Pitch : 35 mm & Tube Dia. : Ø 1.8 mm). SZ stranding line should be for maximum of 12 tubes with jelly filled and dry core type. The line should be able to do stranding of jelly filled tubes & dry tubes with OD up to 6.5 mm size. The line should be able to do stranding of micro tube also. Both binders units in the SZ stranding line should be capable to run single and dual end binders. SZ stranding machine should have the facility to over twist. The physical lay length tolerance on the stranded core should be up to ± 5 mm. The pay off machine should be for flange size up to 1250 mm dia. and take up machine should be for flange size up to 2000 mm dia. Tape and jelly filling arrangement. Extra Attenuation after Stranding should be ≤ 0.01 dB/Km.

The machine line shall be capable of manufacturing core of below mentioned cables –

a) For 6F to 144F :

- Metal free Optical Fiber cable
(Installation through underground duct).
- Armoured Optical Fiber cable
(Installation underground – directly buried)
- Aerial Optical Fiber cable
(Aerial installation)

b) 48F, 96F, 144F & 288F High Count Metal free / Armoured Ribbon

Optical Fibre Cable (Single / Double Sheath)

Machine configuration:

- Strength Member Pay-off.
- Dual Wheel Tension Unit.
- Loose Tube Pay-off.- 12 nos.
- Jelly Filling Device.
- SZ Oscillator.
- Concentric Cross-binder.
- Anti-twisting device.
- Longitudinal tape pay-off
- Concentric binder
- Dual wheel belt capstan
- Dual wheel tension unit
- Take-up
- Dummy Filler arrangement
- Water Swellable Yarn arrangement
- Alarm System for Yarn Breaking, Longitudinal Tape Breaking, Breaking of Pay-off Tube, SZ over turn & alarm of drives etc.
- Electrical Control System.

List of Accessories & Spares (To be supplied with SZ Stranding Line):

- Tool Kit for Operation & Maintenance - 02 Set
- Dies of binder head for manufacturing all the cable as mentioned above – 02 Sets
- Jelly Scrapping Dies for manufacturing all the cable as mentioned above – 02 Sets
- Guiding Pulley with bearing (Spare) - 02 Nos.
- Stranding Plate (Spare) - 02 Nos.
- Stranding upper time belt (Spare) - 02 Nos.
- Stranding lower time belt (Spare) - 02 Nos.
- Jelly filling mould (Spare) - 04 Nos.
- Binding ceramic eye (Spare) - 02 Nos.
- Yarn guiding bearing pulley (Spare) - 02 Nos.
- Binder tension time belt (Spare) - 02 Nos.
- Binder rotating time belt (Spare) - 02 Nos.
- Yarn bobbin expand spring plate (Spare) - 02 Nos.
- Binder mould (Spare) - 04 Nos.
- Anti torsion belt (Spare) - 04 Nos.
- Tape mould (Spare) - 02 Nos.
- Capstan belt (Spare) - 02 Nos.
- Binder spool bearing (Spare) - 02 Nos.

- Binder shaft bearing (Spare) - 02 Nos.
- Any other item / tools required for complete installation & commissioning, manufacturing of all the Optical Fibre Cables as mentioned above and its working shall be supplied by the party.

(iii) Sheathing Line with Armouring:

Quantity - 02 Nos.

The Sheathing Line shall be supplied for the sheathing of Optical Fiber cores at productions speeds of 100 mpm or more (outer dia.: Ø 10 mm) when it is running without armouring of the cable. The sheathing line shall be capable for the armouring using corrugated steel-Aluminum Tapes and sheathing of Optical Fiber cores at productions speeds of 60 mpm or more (outer dia.: Ø 10 mm). The pay-off and take-up machine should be for flange size up to 2000 mm and 3 ton weight. The line should do the sheathing with material (PE, Nylon, HDPE, LDPE etc.). Extra Attenuation after Sheathing should be ≤ 0.01 dB/Km.

The machine line shall be capable of manufacturing below mentioned cables –

a) For 6F to 144F :

- Metal free Optical Fiber cable
(Installation through underground duct).
- Armoured Optical Fiber cable
(Installation underground – directly buried)
- Aerial Optical Fiber cable
(Aerial installation)

b) 48F, 96F, 144F & 288F High Count Metal free / Armoured Ribbon Optical Fibre Cable (Single / Double Sheath)

The line shall have length counter and character printing facility. The cable marking is to be made as per details below –

- A suitable marking, which can last long, shall be applied in order to identify the cable from other cables. The cable marking shall be imprinted (indented). The marking on the cable shall be indelible of durable quality and at regular intervals of 1 meter length. Alternatively, permanent printing with the laser shall also be acceptable. In case of laser printing method, the impression shall not exceed the depth of 0.15 mm. The accuracy of the sequential marking must be within -0.25% to +0.5% of the actual measured length. The marking on the cable must not rub-off during normal installation and in life time of optical fibre cable.
- The marking shall be of clearly contrast color in case of Hot Foil Indentation method is used. The color used must withstand the environmental

influences experienced in the field.

- The type of legend marking on OF Cable shall be as follows –
 - Company legend
 - Legend containing telephone mark and international acceptable laser symbol
 - Type of fibre
 - No. of fibres
 - Type of Cable
 - Year of manufacture
 - Sequential length marking
 - BSNL or MTNL or User's identification
 - Cable ID

Machine configuration:

- Pay-off
- Dual wheel tension unit
- Steel-Aluminum tape pay-off
- Steel-Aluminum tape welder and cutter
- Steel-Aluminum tape accumulator
- Jelly Filling system
- Steel tape corrugator
- Extruding group with material loader, dryer hopper, plastic color and air blower for cooling etc.
- Hot Water trough (Stainless Steel).
- Cooling water trough (Stainless Steel).
- Blowing dryer
- Diameter gauge
- Spark test instrument
- Length counter and character printer
- Caterpillar
- Take-up
- Rip Cord arrangement
- ECCS Tape arrangement
- Steel Wire arrangement
- Aramid / Glass Roving Yarn arrangement (Minimum for 18 Bobbins)
- Glue Applicator
- Electrical Control System.

List of Accessories & Spares (To be supplied with each Sheathing Line with Armouring separately):

- Mould Cleaning Oven - 01 no.
- Tool Kit for Operation & Maintenance - 02 Set
- Set of Extrusion tool for sheathing line - 02 Set
- Tip & Die for manufacturing all the cable as mentioned above - 02 Sets
- Extruder Cylinder Heater (Spare) - 05 nos.
- Extruder Neck Heater (Spare) - 05 nos.
- Cross Head Heater (Spare) - 05 nos.
- Extruder Cylinder Cooling Fan (Spare) - 05 nos.
- Extruder V-Type Belt (Spare) - 10 nos.
- Cross Head (Spare) - 02 nos.
- Die Tip Holder (Spare) - 02 nos.
- Temperature Controller (Spare) - 05 nos
- Caterpillar Belt (Spare) - 01 no.
- Vortex Pump (Spare) - 01 no.
- Any other item / tools required for complete installation & commissioning, manufacturing of all the Optical Fibre Cables as mentioned above and its working shall be supplied by the party.

(iv) Fibre Ribbon secondary Coating Line:

Quantity - 01 No.

The Fiber Ribbon Secondary Coating Line shall be supplied for extruding 4~12 x 06 core optical fiber ribbon loose tube. The jacketing material shall be PBT or PE etc. The outer surface of the product shall be round and product diameter shall be uniform and smooth.

The machine line shall be capable of manufacturing Ribbon Loose Tube of below mentioned cables –

- a) 48F, 96F, 144F & 288F High Count Metal free / Armoured Ribbon Optical Fibre Cable (Single / Double Sheath)

Technical Characteristics for Fiber Ribbon Secondary Coating Line:

- Line Production Speed - 40 ~ 70 mpm (Optical Fiber ribbon loose tube)
- Ribbon Pay-off number - 06
- Tube Diameter - \varnothing 1.8 ~ \varnothing 10.5 mm
- Extra Attenuation after Tubing - \leq 0.01 dB/Km
- The Extruder & Cross Head shall be equipped with temperature

monitoring and protection function. The equipment cannot be operated in case the temperature is not complied with the preset temperature. During production in case the temperature decreases alarm should be on and line speed should decrease but line should not stop.

Machine configuration for Fiber Ribbon Secondary Coating Line:

- Ribbon Pay-off strander – 06
- Jelly degassing and filling device – It shall be equipped with advanced electric control system and the whole process shall be automatically controlled without manual inspection and operation.
- Extruding Group with material loader, dryer hopper, plastic colour and air blower for cooling and suitable container for raw materials etc.
- Hot Water Trough
- Blowing Dryer
- 100 Kg over-length caterpillar
- Cooling Water Trough
- Blowing Dryer
- Diameter Gauge
- Ø 300 mm three-wheel tension unit
- Dual wheel capstan
- Take-up dancer
- Ø 800 mm dual wheel tension unit
- Ø 1250 mm take-up
- Ribbon Loose Tube Colouring System
- Suitable Ribbon Clamp Arrangement is required to hold the Ribbon near pay-off
- Electrical Control System

List of Accessories & Spares (To be supplied with Fibre Ribbon secondary Coating Line):

- Tool Kit for Operation & Maintenance - 02 Set
- Set of Extrusion tool - 02 Set
- Cleaning Tool for Cross Head & Die - 05 nos.
- Tip & Die for manufacturing all the cable as mentioned above – 02 Sets
- Jelly Needles for manufacturing all the cable as mentioned above – 02 Sets
- Ribbon Needles for manufacturing all the cable as mentioned above – 02 Sets

Annexure – A

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➤ Ribbon Die for manufacturing all the cable as mentioned above –	02 Sets
➤ Fibre Ribbon Spool	- 40 nos.
➤ Static eliminator (Spare)	- 01 no.
➤ Oscillator belt (Spare)	- 01 no.
➤ Jelly heating pipe (Spare)	- 01 no.
➤ Jelly heating cylinder (Spare)	- 01 no.
➤ Vacuum pump (Spare)	- 01 no.
➤ Extruder cylinder heater (Spare)	- 05 nos.
➤ Extruder neck heater (Spare)	- 01 no.
➤ Crosshead heater (Spare)	- 01 no.
➤ Extruder cylinder cooling fan (Spare)	- 05 nos.
➤ Temperature controller (Spare)	- 05 nos.
➤ Extruder V type belt (Spare)	- 05 nos.
➤ Cross head (Spare)	- 02 nos.
➤ Water tank heating element (Spare)	- 02 nos.
➤ Water Pump (Spare)	- 02 nos.
➤ Wheel capstan belt (Spare)	- 02 nos.
➤ Any other item / tools required for complete installation & commissioning, manufacturing of all the Optical Fibre Cables as mentioned above and its working shall be supplied by the party.	

Detail of Electrical Control System indicated against each line (Optical Fibre Colouring Machine Line, SZ Stranding Line, Sheathing Line with Armouring & Fibre Ribbon secondary Coating Line):

- The lines should be provided with latest state of art integrated operating system.
- The lines should be equipped with line control system which has touch screen and control panel with graphic user interface (GUI) feature.
- The line control system should have recipe management system for fixing of defined parameters like colours, temperatures etc. for any product and can be saved & used as and when required.
- The line control system should have alarm management system which can show active and historical alarms.
- The line control system should have feature to store and check real time or historical data.
- The line control system should have back up & restore feature and appropriate hard disk to store all the data. Preference will be given for better secure backup system where the data is not lost by any

means.

- The line control system should have remote service facility where the vendor can access the line from anywhere in the world and have a possibility to analyze the fault and rectify it remotely.
- The line control system should be equipped with quality management features to maintain and analyze the product quality.
- The line control system should be equipped with energy efficiency calculation feature which can help in analyzing and optimizing the power consumption during the production.

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GENERAL REQUIREMENT **(Optical Fibre Cable Manufacturing Machine Lines)**

1. ELIGIBILITY CRITERIA

- 1.1. The Bidder shall be an Indian OEM (Original Equipment Manufacturer) or Agency/Distributor having authorization from Indian OEM for one or more than one of the tendered machines. Consortium/Joint Bid shall not be accepted.
- 1.2. In case an Indian Bidder submits Bid for one of more than one of the tendered Machines of a Foreign OEM (Country of Foreign OEM if shares a land border with India will be eligible to bid only if the bidder is registered with the Competent Authority. The Competent authority for the purpose of registration shall be the Registration Committee constituted by the Department for Promotion of Industry & Internal Trade(DPIIT) . For details please refer to F.No. 6/18/2019-PPD dated: 23.07.2020, Office Memorandum of Ministry of Finance). Further it is mandatory for the Indian bidder to establish that his bid contains local content [Local Content- means the amount of value added in India, excluding net domestic indirect taxes minus the value of imported content in the item (including all custom duties) as proportion of the total value, in percent.] equal to or more than 50 %. Such supplier(Local content equal to more than 50%) will be classified as “” Class-I local supplier”. In Case Local Content is more than 20 % but less than 50 % the bidder will be classified as “”Class-II Local Supplier”” Only Class-I & Class II supplier shall be eligible to bid for this tender. (For details Order No. P-45021/2/2017-PP(BE-II) dated 04th June, 2020 of Ministry of Commerce and Industry can be referred & is to be complied.
- 1.3. For verification of Local Content of 50 % or more as mentioned above at Sl. no. 1.2, bidder to provide self- Certification that the item offered meets the local content requirement. In case of Procurement for a value in excess of Rs 10.0 Crore, Class-I & Class II local Supplier shall be required to provide a certificate from the statutory auditor or cost auditor of the Company or from a practicing Cost accountant or practicing Chartered accountant giving the percentage of Local content.
- 1.4. Bidder should have valid Certificate of Incorporation/Partnership Deed/PAN/GST Registration. Self-Certified copies of these documents shall be submitted along with the technical bid.
- 1.5. At the time of bid submission, the Bidder should have minimum of three (03) years’ experience of supply, Installation & Commissioning of **Optical Fibre Cable Manufacturing Machine Lines**. Supporting documents must be submitted along with the technical bid.

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- 1.6. Bidder shall provide the list of customers along with contact details in the technical bid.
- 1.7. Bidder shall be ISO 9001 certified and latest certificate shall be submitted along with the technical bid.
- 1.8. Eligibility documents provided by the bidders are liable for verification by ITI and also if required ITI officials / team will be at its liberty to spot verify the work done by the bidder at its discretion. Any ambiguity / discrepancy is liable for rejection of their bid.
- 1.9. The bidder shall comply with all clauses of the tender documents. In case compliance along with supporting documents is not made available in the technical bid, the offer will be liable for rejection.

2. DOCUMENTS TO BE SUBMITTED WITH TECHNICAL BID

- 2.1. All documents as called for in the eligibility criteria
- 2.2. Profile of the bidder
- 2.3. Copy of PAN
- 2.4. Copy of the Balance Sheet attested by Chartered Accountant for the immediate previous three consecutive Financial Years.
- 2.5. Copy of the GST registration certificate.
- 2.6. Copy of Certificate of Incorporation / partnership deed of the bidder.
- 2.7. Compliance Statement for **Annexure-1 & Annexure -2** is to be compulsorily enclosed. Bids with non-compliance to any of the clauses are liable for rejection.
- 2.8. Bidder should submit complete technical literature / catalogue / leaflet along with Make and Model of the machinery / equipment being supplied etc., wherever applicable. Bids without mention of the same for the main equipment/s are liable for rejection.
- 2.9. Bidders are required to place summary of the offered items in the technical bid without indicating the quoted price. Bids with any disclosure of pricing information, directly or indirectly in the technical bid will be rejected without any further notice on opening the technical bid by the tenderer.
- 2.10. Authorization certificate from OEM/Principal is to be submitted by the bidder in case the offer is made by the authorized agency / distributor.

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- 2.11. All related documents which are not in English have to compulsorily be translated in to English language, self-certified on both original & translated version shall be submitted by the party.

3. GENERAL TERMS & CONDITIONS

3.1 Performance of duties and services by the bidder.

- 3.1.1 The bidder shall Supply, Install and Commission the Machinery / Equipment & provide services in full accordance with the terms & conditions of the Contract and any applicable laws & regulations and shall exercise all reasonable professional skill, care and diligence in the discharge of the obligations of work to be completed under this contract.
- 3.1.2 The work to be governed by this tender shall cover supply, installation, testing & commissioning of the Machinery / Equipment. It also includes trial run and operation & maintenance training on the Machinery / Equipment.

3.2 Warranty & Comprehensive AMC

3.2.1Warranty:

- 3.2.1.1 The Bidder shall provide comprehensive onsite warranty free of cost for a minimum period of two (02) years from the date of installation & commissioning. Any break down during the warranty period shall be attended by the Bidder free of cost within **48** hours of informing the complaint through telephone/email. Any parts required to be replaced has to be done and make the machine operational at his risk and cost within the shortest possible time. No payment, whatsoever, shall be applicable for making the machine in working condition during the warranty period of 24 months. Offers with additional cost for maintaining the machine during the warranty period shall not be considered.
- 3.2.1.2 The inventory of required spares & consumables for two (02) years successful operation & maintenance should be maintained by the bidder at our works in a serviceable condition to avoid complete breakdown of the machine line. The list shall be submitted by the bidder along with the technical bid.
- 3.2.1.3 The bidder shall have a team of people for service, support and troubleshooting within India. The bidder should provide the details of service support structure / team including the details of personnel with their name, designation, contact nos., email address etc.

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3.2.2 Annual Maintenance Contract (AMC)

- 3.2.2.1 Bidders have to mandatorily quote for Onsite Non Comprehensive AMC charges for a period of three years (1st Year, 2nd Year & 3rd Year) for each machine line separately. AMC shall start from the date of expiry of the Warranty period of 24 months from the date of acceptance of Installation and commissioning of the machine.
- 3.2.2.2 AMC may be entered after completion of the warranty period & it shall be solely upon the discretion of ITI LIMITED Rae Bareli. Purchase Order / Work Order for AMC will be placed separately after completion of warranty period.
- 3.2.2.3 If a complaint is not attended during AMC period within three days' time, penalty @ 1% of AMC Value of the machine per week subject to maximum of 5% of AMC value of the machine will be deducted from AMC bills.
- 3.2.2.4 AMC Payment will be made quarterly on pro-rata basis after submission of bills and getting it verified along with maintenance report of that period duly certified by the designated officials.
- 3.2.2.5 The Rates quoted for AMC charges will be taken into account for commercial competitiveness while evaluating for L1 bidder.

3.3 Inspection.

Inspection will be held at ITI Limited, Rae Bareli by the designated officer.

PRE-CONTRACT INTEGRITY PACT

Tender No.....

BETWEEN:

ITI Limited, Rae Bareli having its Registered & Corporate Office at ITI Bhavan, Doorvaninagar, Bangalore – 560016 and established under the Ministry of Communication & IT, Government of India (hereinafter called the Principal), which term shall unless excluded by or is repugnant to the context, be deemed to include its Chairman & Managing Director, Directors, Officers or any of them specified by the Chairman & Managing Director in this behalf and shall also include its successors and assigns, ON THE ONE PART

AND:

.....Represented byChief Executive Officer (hereinafter called the Bidder(s)/Contractor(s), which term shall unless excluded by or is repugnant to the context be deemed to include its heirs, representatives, successors, & assigns of the bidder/contract) ON THE SECOND PART.

Preamble

WHEREAS the Principal intends to award, under laid down organizational procedures, tender/contract for(name of the work). The Principal, values full compliance with all relevant laws of the land, regulations, economic use of resources and of fairness/transparency in its relation with its Bidder(s)/Contractor(s).

In order to achieve these goals, the Principal has appointed an Independent External Monitor (IEM), who will **monitor** the tender process and the execution of the contract for compliance with the principles as mentioned herein this agreement.

WHEREAS, to meet the purpose aforesaid, both the parties have agreed to enter into this Integrity Pact, the terms and conditions of which shall also be read as integral part and parcel of the Tender Documents and contract between the parties.

NOW THEREFORE, IN CONSIDERATION OF MUTUAL COVENANTS STIPULATED IN THIS PACT THE PARTIES HEREBY AGREE AS FOLLOWS AND THIS PACT WITNESSETH AS UNDER:

Section 1 – Commitments of The Principal

1.1 The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:

- a. No employee of the Principal, personally or through family members, will in connection with the tender for or the execution of the contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
- b. The Principal will, during the tender process treat all bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all bidder(s) the

same information and will not provide to any bidder(s) confidential/additional information through which the bidder(s) could obtain an advantage in relation to the tender process or the contract execution.

c. The Principal will exclude from the process all known prejudiced persons.

1.2 If the Principal obtains information on the conduct of any of its employee, which is a criminal offence under IPC/PC Act if there be a substantive suspicion in this regards, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary action as per its laid down Rules/Regulations.

Section 2 – Commitments of the Bidder/Contractor

2.1 The bidder(s)/Contractor(s) **commits** himself to take all measures necessary to prevent corruption. He commits himself observe the following principles during the participation in the tender process and during the execution of the contract.

- a. The bidder(s)/Contractor (s) will not, directly or through any other person or firm offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
- b. The bidder(s)/Contractor (s) will not enter with other bidders/contractors into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non – submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
- c. The bidder(s)/Contractor (s) will not commit any offence under IPC/PC Act, further the bidder(s)/Contractor (s) will not use improperly, for purposes of competition of personal gain, or pass onto others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
- d. The bidder(s)/Contractor (s) of foreign **original** shall disclose the name and address of the agents/representatives in India, if any. Similarly, the bidder(s)/Contractor (s) of Indian Nationality shall furnish the name and address of the foreign principals, if any.
- e. The bidder(s)/Contractor (s) will, when presenting the bid, disclose any and all payments made, are committed to or intend to make to agents, brokers or any other intermediaries in connection with the award of the contract.
- f. The bidder(s)/Contractor (s) will not bring any outside influence and Govt bodies directly or indirectly on the bidding process in furtherance to his bid.
- g. The bidder(s)/Contractor (s) will not instigate third persons to commit offences outlined above or to be an accessory to such offences.

Section 3 – Disqualification from tender process & exclusion from future contracts

3.1 If the bidder(s)/Contractor (s), during tender process or before the award of the contract or during execution has committed a transgression in violation of section 2, above or any other

form such as to put his reliability or credibility in question the Principal is entitled to disqualify bidder(s)/Contractor (s) from the tender process.

- 3.2 If the bidder(s)/Contractor (s), has committed a transgression through a violation of Section 2 of the above, such as to put his reliability or credibility into question, the Principal shall be entitled exclude including blacklisting for future tender/contract award process. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the Principal taking into consideration the full facts and circumstances of each case, particularly taking into account the number of transgression, the position of the transgressor within the company hierarchy of the bidder(s)/Contractor (s) and amount of the damage. The exclusion will be imposed for a period of minimum one year.
- 3.3 The bidder(s)/Contractor(s) with its free consent and without any influence agrees and undertakes to respect and uphold the Principal's absolute right to resort to and impose such exclusion and further accepts and undertakes not to challenge or question such exclusion on any ground including the lack of any hearing before the decision to resort to such exclusion is taken. The undertaking is given freely and after obtaining independent legal advice.
- 3.4 A transgression is considered to have occurred if the Principal after due consideration of the available evidence concludes that on the basis of facts available there are no material doubts.
- 3.5 The decision of the Principal to the effect that breach of the provisions of this Integrity Pact has been committed by the bidder(s)/Contractor(s) shall be final and binding on the bidder(s)/Contractor(s), however the bidder(s)/Contractor(s) can approach IEM(s) appointed for the purpose of this Pact.
- 3.6 On occurrence of any sanctions/disqualifications etc arising out from violation of Integrity Pact bidder(s)/Contractor(s) shall not entitled for any compensation on this account.
- 3.7 Subject to full satisfaction of the Principal, the exclusion of the bidder(s)/Contractor(s) could not be revoked by the Principal if the bidder(s)/Contractor(s) can prove that he has restored/recouped the damage caused by him and has installed a suitable corruption preventive system in his organization.

Section 4 – Previous Transgression

- 4.1 The bidder(s)/Contractor(s) declares that no previous transgression occurred in the last 3 years immediately before signing of the Integrity Pact with any other company in any country confirming to the anti-corruption/transparency international (TI) approach or with any other Public Sector Enterprises/Undertaking in India of any Government Department **in India** that could justify his exclusion from the tender process.
- 4.2 If the bidder(s)/Contractor(s) **make** incorrect statement on this subject, he can be disqualified from the tender process or action for his exclusion can be taken as mentioned under section-3 of the above for transgressions of section-2 of the above and shall be liable for compensation for damages as per section-5 of this pact.

Section 5 – Compensation for Damage

- 5.1 If the Principal has disqualified the bidder(s)/Contractor(s) from the tender process prior to the award according to section 3 the principal is entitled to forfeit the Earnest Money Deposit/Bid Security/or demand and recover the damage equitant to Earnest Money Deposit/Bid security apart from any other legal that may have accrued to the Principal.
- 5.2 In addition to 5.1 above the Principal shall be entitled to take recourse to the relevant provision of the contract related to termination of Contract due to Contractor default. In such case, the Principal shall be entitled to forfeit the Performance Bank Guarantee of the contractor or demand and recover liquidate and all damages as per the provisions of the contract agreement against termination.

Section 6 – Equal Treatment of all Bidders/Contractors

- 6.1 The Principal will enter into Integrity Pact on all identical terms with all bidders and contractors for identical cases.
- 6.2 The bidder(s)/Contractor(s) undertakes to get this pact signed by its sub-contractor(s)/sub-vendor(s)/associate(s), if any, and to submit the same to the Principal along with the tender document/contract before signing the contract. The bidder(s)/Contractor(s) shall be responsible for any violation(s) of the provisions laid down in the Integrity Pact Agreement by any of its sub-contractor(s)/sub-vendor(s)/associate(s).
- 6.3 The Principal will disqualify from the tender process all bidders who do not sign this Integrity Pact or violate its provisions.

Section 7 – Criminal Charges against Violating Bidder(s)/Contractor(s)

- 7.1 If the Principal receives any information of conduct of bidder(s)/Contractor(s) or sub-contractor(s)/sub-vendor(s)/associate(s) of the bidder(s)/Contractor(s) which constitutes corruption or if the Principal has substantive suspicion in this regards, the Principal will inform the same to the Chief Vigilance Officer of the Principal for appropriate action.

Section 8 - Independent External Monitor(s)

- 8.1 The PRINCIPAL appoints competent and credible Independent External Monitor(s) for this Pact. The task of the Monitor shall be to review independently and objectively, whether and to what extent the parties comply with the obligations under this Pact.
- 8.2 The Monitor is not subject to any instructions by the representatives of the parties and performs their functions neutrally and independently. He will report to the Chairman and Managing Director of the Principal.
- 8.3 The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction to all product documentation of the Principal including that provided by the Bidder(s)/Contractor(s). The Bidder(s)/Contractor(s) will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The Monitor is under contractual obligation to treat the information and documents Bidder(s)/Contractor(s) with confidentiality.
- 8.4 The Principal will provide the Monitor sufficient information about all meetings among the

parties related to the project provided such meeting could have an impact on the contractual relations between the Principal and the Bidder(s)/Contractor(s). As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The Monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in specific manner, refrain from action or tolerate action.

- 8.5 The Monitor will submit a written report to the Chairman and Managing Director of the Principal within to weeks from the date of reference or intimation to him by the principal and should the occasion arise, submit proposals for correcting problematic situations.
- 8.6 If the Monitor has reported to the Chairman and Managing Director of the Principal a substantiated suspicion of an offence under relevant IPC/PC Act, and the Chairman and Managing Director of the Principal has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.
- 8.7 The word **'Monitor'** would include both singular and plural.

Section 9 - Facilitation of Investigation

- 9.1 In case of any allegation of violation of any provisions of this Pact or payment of commission, the Principal or its agencies shall be entitled to examine all the documents including the Books of Accounts of the Bidder(s)/Contractor(s) and the Bidder(s)/Contractor(s) shall provide necessary information and documents in English and shall extend all possible help to the Principal for the purpose of verification of the documents.

Section 10 - Law and Jurisdiction

- 10.1 This Pact is subject to the Law as applicable in Indian Territory. The place of performance and jurisdiction shall be the seat of the Principal.
- 10.2 The actions stipulated in this 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.

Section 11 – Pact Duration

- 11.1 This Pact begins when both the parties have legally signed it. It expires after 12 months on completion of the warranty/guarantee period of the project/work awarded, to the fullest satisfaction of the Principal.
- 11.2 If the Bidder(s)/Contractor(s) is unsuccessful, the Pact will automatically become invalid after three months on evidence of failure on the part of the Bidder(s)/Contractor(s).
- 11.3 If any claim is lodged/made during the validity of the Pact, the same shall be binding and continue to be valid despite the lapse of the Pact unless it is discharged/determined by the Chairman and Managing Director of the Principal.

Section 12 – Other Provisions

- 12.1 This pact is subject to Indian Law, place of performance and jurisdiction is the Registered & Corporate Office of the Principal atBengluru.
- 12.2 Changes and supplements as well as termination notices need to be made in writing by both the parties. Side agreements have not been made.
- 12.3 If the Bidder(s)/Contractor(s) or a partnership, the pact must be signed by all consortium members and partners.
- 12.4 Should one or several provisions of this pact turn out to be invalid, the remainder of this pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- 12.5 Any disputes/difference arising between the parties with regard to term of this Pact, any action taken by the Principal in accordance with this pact or interpretation thereof shall not be subject to any Arbitration.
- 12.6 The action stipulates 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.

In witness whereof the parties have signed and executed this **Pact**atthe place and date first done mentioned in the presence of the witnesses:

For PRINCIPAL

ForBIDDER(s)/CONTRACTOR(s)

.....
(Name & Designation)

.....
(Name & Designation)

Witness:

Witness:

1)

1)

2)

2)

MANDATE FORM

(Authorization Letter for Payment of supplier's Contactor's Bills through E-payment Scheme)

1-	NAME OF THE COMPANY / FIRM	:	ITI LIMITED
2-	ADDRESS	:	SULTANPUR ROAD, RAEBARELI (U.P.)
3-	PARTICULARS OF BANK ACCOUNT	:	
	> NAME OF THE BANK	:	BANK OF BARODA
	> BRANCH NAME	:	MAIN BRANCH, RAEBARELI
	> TYPE OF ACCOUNT	:	CURRENT ACCOUNT
	> LEDGER / FOLIO NO.	:	N/A
	> NAME OF THE ACCOUNT HOLDER	:	ITI LIMITED, RAEBARELI
	> ACCOUNT NO. AS APPEARING ON THE CHEQUE BOOK / PASS BOOK	:	00520200000319
	> BRANCH CODE	:	RAEBAR
	> ADDRESS	:	BANK OF BARODA, MAIN BRANCH, RAEBARELI (U.P.)
			PIN CODE : 229001
	> TELEPHONE NO. OF THE BRANCH	:	0535-2203328, 2203053
	> WHETHER SEFT SYSTEM AVAILABLE	:	YES / NO
	> WHETHER RTGS ENABLED BRANCH	:	YES <i>Zero</i>
	> IF RTGS ENABLED GIVE IFSC CODE	:	BARB0RAEBAR
	> 9-DIGIT CODE NO.OF THE BANK & BRANCH AS APPEARING ON THE MICR CHEQUE ISSUED BY THE BANK	:	229012002

I do hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of in-complete or in-correct information, the purchaser will not be responsible.

For & on behalf of ITI Ltd.



Signature of Supplier /
Manufacturer / Bidder

Date : 18/09/2019

Certified that the particulars furnished above are correct as per our records.

Bank's Stamp




Signature of Bank Manager with Bank Seal