(PUNJAB STATE TRANSMISSION CORPORATION LIMITED)
(Registered Office PSEB, The Mall Patiala-147001)

(SHORT TERM TENDER NOTICE)

Office Of	: Addl. S.E., Protection & OS Division, PSTCL, Ludhiana.
Tender Notice	: Procurement of Long Range Single-Mode to Multi-Mode Optical Media convertors along with relevant optical patch cords & other accessories.
Tender Enquiry No.	: 106 / 2019-20
Quantity	: As per BOQ attached at Annexure - I
EMD	: Rs.5,200/-
EMD Payment Mode	: Demand Draft in Favour of Addl.S.E/Protection & OS Division, PSTCL, Ludhiana.

Last Date & Time for

1. Sale of Tender Documents	:	19.08.2019 upto 4:00PM
2. Receipt of Tenders	:	21.08.2019 upto 10:00 AM
3. Opening of Tenders	:	23.08.2019 at 10:00 AM

Addl. S.E.
Protection & OS Division
PSTCL, Ludhiana.

Annexure – I

BOQ of the equipment and accessories

Sr. No.	Equipment	Quantity
1.	SM – MM Convertor (100-120 km range)	2
2.	Multi-mode Patch Cords (5 mtrs)	2 (+1 spare) = 3
3.	Single-mode Patch Cords (15 mtrs)	2 (+1 spare) = 3
4.	DC-MCB	2

PUNJAB STATE TRANSMISSION CORPORATION LIMITED
Regd. Office. PSEB Head Office, The Mall, Patiala-147001
Corporate Identity Number:-U40109PB2010SGC033814 www.pstcl.org
Office of: Addl SE/ Protection & OS, PSTCL, Ludhiana-141001, Tel.No. & Fax No.0161-2462303
email:srxen-prot2-ldh@pstcl.org

(ਟੈਂਡਰ ਮੰਗਣ ਦਾ ਨੋਟਿਸ)

ਦਫਤਰ ਦਾ ਨਾਮ:	ਵਧੀਕ ਨਿਗਰਾਨ ਇੰਜੀਨੀਅਰ, ਪ੍ਰੋਟੈਕਸ਼ਨ ਅਤੇ ਓ.ਐਸ. ਮੰਡਲ, ਲੁਧਿਆਣਾ।
ਟੈਂਡਰ ਦਾ ਵੇਰਵਾ:	**Procurement of Long Range Single-Mode to Multi-Mode Optical Media convertors along with relevant optical patch cords & other accessories.**
ਟੈਂਡਰ ਨੰਬਰ:	106 / 2019-20
ਈ.ਐੱਮ.ਡੀ.:	5,200/-
ਈ.ਐੱਮ.ਡੀ ਦੀ ਅਦਾਇਗੀ:	ਵਧੀਕ ਨਿਗਰਾਨ ਇੰਜੀਨੀਅਰ, ਪ੍ਰੋਟੈਕਸ਼ਨ ਅਤੇ ਓ.ਐਸ ਮੰਡਲ, ਲੁਧਿਆਣਾ ਦੇ ਹੱਕ ਵਿੱਚ ਬੈਂਕ ਡਰਾਫਟ ਰਾਂਹੀ।

ਆਖਰੀ ਸਮਾਂ ਤੇ ਮਿਤੀ

1. ਟੈਂਡਰ ਪ੍ਰਾਪਤ ਕਰਨ ਦੀ - 19-08-2019, ਸ਼ਾਮ 04:00 ਵਜੇ ਤੱਕ।
2. ਟੈਂਡਰ ਜਮ੍ਹਾਂ ਕਰਵਾਉਣ ਦੀ - 21-08-2019, ਸਵੇਰੇ 10:00 ਵਜੇ ਤੱਕ।
3. ਟੈਂਡਰ ਖੋਲਣ ਦੀ - 23-08-2019, ਸਵੇਰੇ 10:00 ਵਜੇ।

ਵਧੀਕ ਨਿਗਰਾਨ ਇੰਜੀਨੀਅਰ,
ਪ੍ਰੋਟੈਕਸ਼ਨ ਅਤੇ ਓ.ਐਸ ਮੰਡਲ, ਲੁਧਿਆਣਾ।

Short Term Tender Notice

PUNJAB STATE TRANSMISSION CORPORATION LIMITED

Department Name:	**Protection & OS Division, Ludhiana**
Tender Specification No.:	**106 / 2019-20**
Tender Issuing Authority:	Addl.S.E./ Protection & OS Division, Ludhiana
Address details of Issuing Authority	Addl.S.E., Protection & OS Division Power Colony No.1, Near Pb. Agriculture University, Gate No.1, Ferozepur Road. PSTCL, Ludhiana.
Place:	Ludhiana
Short Description:	**Procurement of Long Range Single-Mode to Multi-Mode Optical Media convertors along with relevant optical patch cords & other accessories.**
Total Quantity	As per BOQ
Tender Publication:	Nil
Eligibility Criteria	Nil
Sale of Application Start Date:	19.07.2019
Sale of Application End Date:	19.08.2019 Upto 04.00 PM
Last date for bid Submission:	21.08.2019 Upto 10:00 AM
Bid Opening Date:	23.08.2019 at 10:00 AM
Pre Bid Meet Date:	N.A.
EMD :	Rs 5,200/-
EMD Payment Mode:	Demand Draft payable at Ludhiana
Payment in favour of:	Addl.S.E / Protection & OS Division, PSTCL, Ludhiana.
Contact Person Name and Phone Number:	Er. Alok Kumar Assistant Executive Engineer/SA&P Hub (96461-62121)
URL for Additional Information:	www.pstcl.org
Tender Documents Attachment:	1. Soft Copy of the Document. 2. Print out of web NIT.

Tender information in detail:	In case the date of opening the tenders as shown above happen to be holiday, then the tenders shall be opened on the next working day at same place and time. A set of Tender Documents containing Technical Specifications, General Instructions and the Terms and Conditions can be downloaded from the website www.pstcl.org. All tenders must be accompanied by earnest money at the rates prescribed in the tender documents except in the case of those tenderers/bidders who are specifically exempted there under. The sale of Tender Documents shall be stopped 72 hours or two working days preceding the due date and time of opening of tender whichever is more. Only the manufacturers of above material / equipment and their authorized dealers/ distributors/ agents will be eligible for participating in this tender. Telegraphic quotations and conditional quotations shall not be accepted. The ordered quantity to be procured can be distributed in more than one firm. The PSTCL reserves the right to increase/ decrease the quantity or reject the whole quantity without assigning any reason. The tenders must valid for 120 days from the date of opening.

Addl.S.E,
Protection &OS Division,
PSTCL, Ludhiana.

PUNJAB STATE TRANSMISSION CORPORATION LIMITED

OFFICE OF THE : **Addl. S.E., Protection & OS Division,**
O/o CHIEF ENGINEER /P&M,
POWER COLONY NO.1,
OPP. PB. AGRICULTURE UNIVERSITY,
FEROZEPUR ROAD, SARABHA NAGAR,
LUDHIANA-141001.

TELEPHONE : 0161-2462303
TELE-FAX : 0161-2462303

TENDER SPECIFICATION No. – 106 / 2019-20

PROCUREMENT OF LONG RANGE SINGLE-MODE TO MULTI-MODE OPTICAL MEDIA CONVERTORS ALONG WITH RELEVANT OPTICAL PATCH CORDS & OTHER ACCESSORIES

(TO BE PROCURED UNDER THREE PART / TWO BIDS SYSTEM)

COST OF TENDER SPECIFICATION	: NIL
LAST DATE OF ISSUE OF TENDERS	: 19.08.2019 UPTO 4:00 AM
LAST DATE OF RECEIPT OF TENDERS	: 21.08.2019 UPTO 10.00 AM
DATE OF OPENING OF TENDERS	: 23.08.2019 AT 10.00 AM

DOCUMENTS ATTACHED :

SECTION I	: GENERAL TERMS AND CONDITIONS
SECTION II	: TECHNICAL SPECIFICATIONS
SECTION III	: IMPORTANT INSTRUCTIONS
ANNEXURES	: 'A', 'B', 'C', 'D', 'E', 'F', 'G' AND 'H'

Addl. S.E., PROTECTION & OS DIVISION,
On behalf of CHIEF ENGINEER /P&M,
PSTCL, LUDHIANA

SECTION – I

GENERAL TERMS AND CONDITIONS AND GENERAL INSTRUCTIONS TO THE TENDERERS

1.0 GENERAL INSTRUCTIONS TO BE OBSERVED BY THE TENDERERS:

1.01 GENERAL:

The following instructions must be carefully observed by all the Tenderers. Offers/ Quotations/ Tenders not strictly in accordance with these instructions will be liable to be rejected.

i) The tenders/quotations/ offers must be complete in all respect. The following points should carefully be studied in order to ensure submission of a complete and comprehensive tender. Failure to comply with any of these instructions or to offer brief explanation for non-compliance is likely to render effective comparison of the tender as a whole impossible and may lead to rejection of an otherwise competitively lowest offer.

ii) The main part of the tender containing Important/ Main Information, Terms and Conditions, Technical Specifications, Schedule of Prices, Guaranteed General and Technical Parameters, Deviations etc. should be submitted in duplicate. The other relevant supporting documents like Details of POs, Copies of POs, Balance Sheets, Drawings, Literature should be submitted in duplicate. The above documents should reach this office by hand or by registered post/ courier. Each copy should be separately tagged and clearly marked as **'Original' and 'Duplicate'**.

iii) Telegraphic/ conditional quotations/ offers will not be accepted.

iv) Offers/ tenders should positively reach before the stipulated time and on the last date prescribed for their receipt. Tenders received late will not be considered/opened at all regardless of the date of posting of the tender.

v) The tender/ quotation should be submitted in three parts i.e. **Part-I, Part-II & Part-III**. Each part will be enclosed in a separate envelope as under:

a) **Part-I – Earnest Money:** The first part will consist of Earnest Money Deposit in the form of Demand Draft/Cash Receipt or other information concerning Earnest Money as per the provisions of Clause 2.02.

b) **Part-II – Technical/ Commercial Bid:** The second part will consist of Technical Specifications, Schedule of Deliveries and other Terms and Conditions except for the Rates. All commercial terms including Discount if any, Excise Duty, CST/PST (now GST) etc. shall be specified in the Part-II of the Bid, so that any ambiguity relating to General Terms and Conditions and technical Details can be sorted out before the opening of Part-III i.e. Price Bid.

c) **Part-III – Price Bid:** The third part will consist of rates quoted as well as other related terms like packing, forwarding, freight, insurance, ED, CST/PST (now GST) etc. and other incidental related to the prices. This part of the bid should contain only the above information, so that there is no controversy regarding the interpretation of any condition/ stipulation at the time of preparation of merit statement after opening the Bid Prices.

Each envelope further should be enclosed in a larger envelope. All inner and outer envelopes should be addressed to **Addl. S.E., Protection & OS Division, Near PB. Agriculture University Gate No.1, Mini Secretariat, Ferozepur Road PSTCL, Ludhiana - 141001.** All the three envelopes should be sealed and superscribed with the tender/offer number together with the date on which the offer/tender is due and items of material/equipment covered and should also invariably contain the name and address of the bidding firm.

PUNJAB STATE TRANSMISSION CORPORATION LIMITED

Firstly the main envelope containing the bids will be opened in the presence of the tenderer's/ bidder's authorized representatives, who choose to be present at the time and date of opening of tenders. After opening the main envelope, the envelope marked Part-I (Earnest Money) shall be opened first and if earnest money found to be as per the requirement of the specifications, only then the envelope marked Part-II shall be opened. The bids/ offers without earnest money shall be out rightly rejected.

After opening Part-II of the bids (Technical/ Commercial), the bids will be technically & commercially evaluated by PSTCL. The third part of the bids (Price Bid) shall be opened in case of only those firms, whose Part-II of the bids after evaluation is found to be conforming to the specifications. The date and time for opening Part-III of the bid will be intimated to the qualifying firms. The Price Bids (Part-III) will be opened in the presence of the representative of the qualifying bidders, who choose to attend the opening of bids.

Note: The Part-III (Price Bid) should be unconditional and in case there are conditions, the same would be considered as waived.

vi) The Demand Draft/Cash receipt & other information concerning Earnest Money as per clause 2.02 shall be furnished in separately sealed envelope super-scribed Earnest Money with the tender/offer number together with the name of tendering firm along with the both bids in another envelope. The firm having permanent security deposit of Rs. 10.00 Lac with the PSTCL for P&M Organization shall give **complete details of the deposit** in the envelope meant for Earnest Money. The Public Undertakings owned by Central Government or State of Punjab shall have also to deposit Earnest Money. Hence forth no exemption from depositing EMD is now admissible to Public Sector Undertaking Owned by Central Govt. or State of Punjab. The both bids and Earnest Money in separate covers shall be received up to 10.00 A.M. on the due date in the Office of **Addl. S.E./ Protection Division & OS Division, O/o Chief Engineer / P&M, Near PB. Agriculture University Gate No.1, Mini Secretariat, PSTCL, Ferozepur Road, Ludhiana - 141001.**

vii) Offers/tenders will be opened on the date and time prescribed in the N.I.T./ Enquiry in the presence of authorized representatives of Tenderers, who actually submitted the tenders and if they present themselves at the time of opening of tenders. In case the date of opening of tender falls on a holiday or holiday is subsequently declared on that date, the tender will be opened at the same time on the next working day following the holiday.

viii) The Purchaser reserves the right to modify the "Schedule of Requirements", technical particulars and the specifications at any time and to place the order as a whole or in parts, and to reject any or all the tenders received without assigning any reason. He will not be responsible for and will not pay for expenses or losses that may be incurred by Tenderer in the preparation of the tenders.

ix) The material offered should be strictly according to the specifications laid down in the Enquiry. The quotations should also indicate the make of manufacturer, brand and company and accompanied with other descriptions, literature and sample, if any, at Tenderer's own cost.

x) Quantity mentioned in N.I.T. can be ordered on more than one Suppliers/ bidders.

xi) For bought out assemblies/units, detailed drawings, part number and name of vender will be furnished by the contractor.

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xii) All such Taxes, Duties, Levies and other Charges, for which Tenders will be silent, the same will be assumed as per PSTCL Terms and Conditions and inclusive in the rates/ prices quoted by the Tenderers.

xiii) Any firm offering the discount on the quoted price prior or after the opening of the tender will be out rightly rejected. However, quantity/ payment discount can be given in the main tender (i.e. Part-II 'Technical/Commercial' bid of the tender)

xiv) The tenderer shall supply a list of two authorized persons with their signatures duly attested on firm's pad so that they may represent on behalf of firm and participate in the opening process of tenders. The firm shall supply one such copy in tender and one copy should be with the authorized person, otherwise he will not be allowed to participate in the opening of tender.

xv) If some new firm submits tender which has never supplied the tendered item to PSTCL earlier its works appraisal shall be carried out before opening of Part-III (Price Bid) to ascertain whether the offer of the firm is technically / commercially acceptable or not. The cost of the work appraisal shall be borne by the firm and the same shall be deposited by the firm within 7 days from the issue of notice in this regard failing which the offer of the firm shall not be processed further. The charges of Rs.50,000/-shall be levied for the purpose from the firms located outside the State and Rs. 25,000/-for those firm which are located inside the State. **In case the report is negative, these charges will be repeated.**

XVI) **All clauses regarding ED, CST, VAT etc. mentioned in the specification may be considered as not applicable as GST has subsumed these taxes w.e.f. 01.07.17.**

1.02 <u>PREPARATION OF TENDER:</u>

The tender shall be prepared in formal manner neatly typed or printed with all prices stated both in words and figures. The tenderer/ Bidder shall quote the price duty typed/ printed on the 'Schedule of Prices' enclosed with tender specifications. **The hand written prices will not be accepted.** There shall be no erasing and any corrections made should be neatly done and signed. A systematic form of totaling should be adopted to avoid any ambiguity with detailed description of the equipment offered.

Tender must bear the signature of a person authorized as per constitution and composition of the firm. Authentically documents to prove authority of signatory (legal power of attorney in favor of signatory) must be attached with the tender.

1.03 <u>SUBMISSION OF TENDERS:</u>

The tender should be submitted strictly as per N.I.T. / Tender specifications complete in all respects. Alternate suggestions conforming to those British, American or other Internationally recognized standards or practice, if any, must be clearly detailed out, explained and justified. These variations should be detailed out clause-wise in the same chronological order as given in this specification. No post tender development will be allowed regarding any change in terms of prices or technical specification. The tender/ quotation should be submitted in three parts i.e. **Part-I, Part-II & Part-III**. The details of which are already mentioned at Sr. No. 1.01.v. above.

1.04 <u>VALIDITY:</u>

The tender should be unconditionally **valid for at least a period of 4 months (120 days) from the date of opening of the tender.** Withdrawal or modification of the offer shall not be permitted. Any tenderer revising the offer within the validity period is likely to be black-listed. In case the firm is silent about validity the tenders will be assumed to be valid for 120 days from the date of opening of tenders.

2.0 GENERAL TERMS AND CONDITIONS:

2.01 PRICES:

i) The unit rates should be quoted **F.O.R. Destination** at any Railway Station in Punjab/ PSTCL Railway siding, where-ever existing or delivery at PSTCL's Stores, through road transportation, which will be treated at par with F.O.R. Destination. In case the Firm is silent about the prices, the same will be assumed as F. O. R. Destination prices.
The break up of the F.O.R. Destination price should be as given as under :-

(a) The prices of the material inclusive of packing and forwarding charges forming the part of production cost.

(b) Packing cost not forming the part of production cost, handling, cartage etc., freight charges and transit risk insurance covered in F.O.R. Destination prices.

ii) All taxes and duties leviable on the price of finished goods as per sub clause (i) (a) shall be paid extra and the same should be shown separately as prevalent on the date of opening of tenders, to be paid at the rate as may be actually prevalent at the time of supply within contractual delivery period, otherwise these elements shall be deemed to be included in the quoted prices and will not be paid extra. No taxes & duties will be payable on the element of cost quoted under sub-clause (i) (b). In case the tender is totally silent about the packing and forwarding charges then the packing and forwarding charges forming the part of production cost will be assumed as inclusive in the quoted prices as detailed above and packing and forwarding charges not forming the part of production cost will be assumed as NIL.

iii) In case of rates ex-works/ex-godown and for imported material, freight charges, transit risk insurance, handling and clearance charges, F.O.B. and C.I.F., commission of clearing agents at Ports, should also be indicated separately. If firm is silent about these charges the same will be assumed as inclusive in the quoted prices.

In addition to the break up of total price, i.e. ex-works cost, ED, Sales tax, Freight, Insurance and packing, the bidder should also give split up of ex-works price. The breakup of price shall be indicated in the respective Performa attached with specifications. The filling up of the Performa shall be mandatory for the tenderers. The split up of ex-works prices shall indicate the cost of raw material, labour component and overhead expenses. Raw material can further be divided into 3-4 parts depending upon the type of material.

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iv) 'Firm Prices' are preferable. However, where variable prices are quoted prescribed formula for price variation on the base price of component elements as prevailing on the first working day of the calendar month, one months prior to the date of tender opening, should form the basis for quoting variable rates. However, price adjustment shall be made on corresponding rates of variable elements prevailing on the first working day of one month before dispatch or date of contractual delivery whichever is earlier. Where-ever the prices of raw material are controlled by the Government, the basis shall be Government Notifications from time to time and in the remaining cases, the certificate given by Chartered Accountants. In case the Tenders are silent whether the prices are 'Firm' or 'Variable', the prices will be assumed as 'Firm'.

In case of variable prices, the prices shall be variable as per IEEMA circulars. Firms shall indicate the base date and overall sealing limit of price variation as a percent of quoted prices.

v) The offers of the firms, which do not quote ceiling on the price variation, shall be loaded at the standard rate of 10% per annum for the duration of contract with proportionate percentage being determined for part of the year.

vi) The rates quoted F.O.R. destination or ex-works should be given in both figures and words and any over-writing, erasing, cutting etc. should be legibly signed or avoided. Offers/ tenders written in pencil shall be ignored.

vii) The prices tendered shall be such as to cover all the material destroyed under tests and no extra payment will be made for the material so destroyed.

2.02 EARNEST MONEY:

i) The Tenderers shall be required to submit Earnest Money at the following fixed rates in the form of Punjab State Transmission Corporation Cash Receipt/ Bank draft, along with the tender in favour of **Addl.S.E / Protection & OS Division, PSTCL, Ludhiana, payable at Ludhiana:**

In the present case it is Rs. 5,200/- only.

ii) The following shall be exempted from depositing Earnest Money:-

a) Suppliers having Permanent Earnest Money of deposit of Rs. 10.00 Lac with the P&M Organization provided that a certificate to this effect issued by the concerned Accounts Officer of the PSTCL during three months immediately preceding the due date of tender opening and showing the Serial Number/ Account Number allotted in the Permanent Earnest Money Deposit Register shall be submitted by the Tenderers in the envelope for Earnest Money. The tenderer/ supplier should deposit Permanent Earnest Money Deposit of Rs. 10.00 Lac Organization wise. Therefore Tenderer/ Supplier hence forth should have PEMD of Rs. 10.00 Lac with P&M Organization and certificate as mentioned above will be issued by concerned Account Officer (AO/ CPC, O/O Financial Advisor, PSTCL, Patiala in case of this office).

b) Sole Manufacturers/Suppliers of Proprietary items.

iii) Earnest money may be accepted in the form of Bank Guarantee valid upto 3 months after the validity date of tenders as per NIT/Tender specification in the case of Public Sector Undertakings partly owned by Punjab Government/Central Government/ other State Government.

iv.a) In case of tenders not accompanied by full amount of Earnest Money for the items tendered but not less than 25% of the entire amount due, the order/contract shall be awarded only for the part of material/equipment services limited to a value corresponding to the actual amount of Earnest Money submitted with the tenders provided the placing of such part order is otherwise feasible and is in the interest of the PSTCL, Otherwise such tenders shall be ignored.

iv.b) The amount due, as referred to the clause (iv.a) above, shall be calculated @ 2.00% of tender value and shall not be taken as Rs. 10.00 Lac i.e. the maximum amount payable as earnest money. Therefore 25% of the earnest money shall thus be worked out on the basis of entire amount so calculated, which shall, of course be subjected to maximum of Rs. 10.00 Lac and minimum of Rs.5,000/-.

v) Earnest Money shall be forfeited in case of withdrawal/modification of an offer within the validity period as required in the NIT/Tender Specification after opening of Tenders.

vi) In case of firms not falling within the zone of consideration, Earnest Money shall be refunded immediately.

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In case of Firms falling within the zone of consideration, whose tenders have not been accepted, Earnest Money shall be refunded within 30 days of the award of Order/Contract to the successful Tenderers.

2.03 <u>SALES TAX: (Not Applicable, Please refer clause 2.38)</u>

a) PUNJAB GENERAL SALES TAX:

The material on order is required for use in generation, transmission and distribution of electrical energy to the public. As such, the Punjab Sales Tax is not applicable under clause – 5(2)(a)(iv) of the Act.

b) CENTRAL SALES TAX:

The Board has been registered as a dealer under the Central Sales Tax Act and the PSTCL's Registration No. is 62507612 dated 1.4.88.

When the Central Sales Tax is to be paid by the PSTCL, a declaration Certificate in form- 'C' will be issued by the General / Manager Finance, Centralized Payment Cell, PSTCL, Patiala on receipt of material.

When the tax is to be paid by the supplier a declaration certificate in form-'C' will be issued by the General Manager Finance, Centralized Payment Cell, PSTCL, Patiala, subject to submission of following certificates:-

i) Certified that the transaction on which tax has been claimed has been/will be included in the return submitted/ to be submitted to the Sales Tax Authorities for the assessment of the Sales Tax and the amount claimed from the Board has been/shall be paid to the Sales Tax Authorities.

ii) Certified that the goods, on which Sales Tax has been charged have not been exempted under Central Sales Tax Act or the Rules made there-under and the charges on account of the Sales Tax on these goods are correct under the provisions of the relevant Act or Rules made there-under.

iii) Certified that we shall indemnify the PSTCL in case it is found at a later stage, that wrong or incorrect payment had been made on account of the Sales Tax paid by us.

iv) Certified that we are registered dealer under the Central/ State Sales Tax Act and our Registration No. is _____.

v) Certified that payment has been made under protest. The bills for the Sales Tax and insurance charges, if any, should be submitted separately. A declaration certificate in form 'C' will be issued by AO/ CPC, O/O G. M. Finance PSTCL, Patiala. For all supplies received during a particular accounting year.

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If the firm is silent about Punjab Sales Tax or Central Sales Tax, then these Taxes will be assumed as inclusive in quoted prices. The firms/ suppliers indicating nil or concessional rate of CST in their tender will have to absorb CST up to the full rate applicable at the time of tendering. The firms, which do not agree to this stipulation or indicate CST as extra without indicating the applicable rate, be loaded with the maximum slab of CST. However, in this case the actual applicable CST, subjected to the maximum slab, will be given to the firm at the time of delivery.

2.04 <u>EXCISE DUTY: (Not Applicable, Please refer clause 2.38)</u>

If applicable will be paid at full rates prevailing during the scheduled delivery period subject to the production of the following certificates by the Manager/Senior Administrative Officer of the firm:-

i) Certified that the transaction on which the Central Excise Duty has been claimed has been/ shall be included in the return submitted/ to be submitted to the Central Excise

Authorities and amount claim from the PSTCL has been/shall be paid to the Central Excise Authorities.

ii) Certified that the Goods on which the Excise Duty has been charged have not been exempted under Central Excise Duty rules and that the Central Excise charges on these goods is not more than what is payable under the provisions of relevant Act or Rules made there-under.

iii) Certified that we shall indemnify the PSTCL in case it is found at a later stage that wrong or incorrect payment has been received on account of Excise Duty. The benefit/credit of the CED under MODVAT Scheme duly authenticated by the authorities/ representatives of the Central Excise Dept. Shall be allowed to the Purchaser in the invoice of concerned equipment. In case Central Excise staff refuses to issue a separate gate pass indicating the Excise Duty claimed from you, the original invoices raised for the supply of the equipment will bear a certificate from the Central Excise staff to the fact that Excise Duty has been charged from you and the amount so charged will be indicated.

In case the firm is silent about Central Excise Duty in their offer, then the CED will be assumed as inclusive in quoted prices. The firms/ suppliers indicating nil or concessional rate of Excise Duty in their tender will have to absorb Excise Duty up to the full rate applicable at the time of tendering. The firms, which do not agree to this stipulation or indicate Excise Duty as extra without indicating the applicable rate, be loaded with the maximum slab of Excise Duty. However, in this case the actual applicable Excise Duty, subjected to the maximum slab, will be given to the firm at the time of delivery.

2.05 <u>OCTROI CHARGES / ENTRY TAX:</u>

i) Octroi charges shall be paid extra on actual basis as applicable.

ii) The department of Excise & Taxation of Punjab Govt. vide its notification no.SO/P.A.9/2005/5.3-A/2010 dated 1.2.2010 has imposed Entry Tax w.e.f.5.2.2010 on the following items. Entry Tax shall be paid extra on actual basis if applicable on production of documentary proof:

Particulars	**Rate of Entry Tax**
Diesel Generating Set	12.5%
Transformers and its accessories.	5.0%

2.06 <u>INSURANCE:</u>

i) The rates are required to be quoted on F.O.R. Destination basis and it is the responsibility of the Supplier/ Contractor to deliver the goods in sound condition F.O.R. Destination and for that purpose the Supplier/ Contractor may at his option insure the material against all the risks at his own cost during transit for full delivered value of the material upto destination. All works in connection with making and settling of claims, if any, with Railway Authorities and/or Insurance Company shall be carried out by the Supplier/ Contractor for which no extra payment shall be made by the PSTCL. However, necessary assistance required in connection with making and settling of such claims, if any, shall be provided by the consignees.

ii) All damages and/or shortages during transit as covered by the Insurance shall be made good immediately on receipt of such information from the consignees without waiting for settlement of claims. However, in case of apparent damages/shortages the consignees shall obtain the loss/damage certificate from the Railway Authorities and send the same to the Contractors within a period of thirty days from the date of receipt of material. A certificate shall be submitted by the Suppliers/Contractors with each bill to the effect that the material has been duly insured.

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iii) The consignees shall report losses and damages to the firm within 30 days of the arrival of the material at the site. It will, however, be Supplier's/ Contractor's responsibility to refer timely claims on the insurance under-writers and to arrange replacement thereof to the consignees.

iv) The Suppliers shall be wholly responsible for the loss, shortages, damages etc. during transit. Such shortages and damages etc. will have to be replaced/repaired by the Supplier/ Contractor free of cost immediately without waiting for maturing of the Supplier's/ Contractor's claim with the Road Transport/Railway Authorities.

v) In case replacement / repair of defective material is not carried out within six months of intimation of damages, Supplier shall have to pay interest @ 18% per annum on the advance payments made by the Punjab State Transmission Corporation Limited from the date of payment upto the date of its re-commissioning of the equipment after replacement/repair or to the date the default is made good.
In case the firm is silent about insurance Charges in their offer, then these charges will be assumed to be inclusive in quoted prices.

2.07. DELIVERY SCHEDULE:

The entire job including supply of material and/or its commissioning should be completed in one month after the issue of purchase order. However the tenderers should mention their specific delivery schedule.

The purchaser reserves the right to restrict the supplies as per actual requirement from time to time. Stipulations regarding deferment of supplies shall be discretionary with the purchaser and shall not entitle the supplier to any extension in delivery period beyond the delivery period fixed in purchase order. This condition will be concluding factor in making award of contract & acceptance to the same must invariably be specified in the tender failing which the tender is liable to be rejected.

2.08 CONTRACT:

The detailed order issued in accordance with agreed terms and conditions and accepted/ acknowledged by the firm shall itself form valid contract along with subsequent amendment, if any, and shall be construed and operated as such in terms of Indian Contract Act-1872 as amended up to date.

It will be obligatory on the part of successful Tenderer to execute, within 10 days of the receipt of detailed order, a legal contract agreement on non-judicial stamp paper of the appropriate value. The detailed Purchase Order so issued shall be termed Purchase-Order-Cum-Contract-Agreement. The contract shall be made in duplicate and one copy will be retained by each party.

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2.09 SECURITY DEPOSIT:

i) The successful Tenderers shall be required to submit security deposit for faithful execution of the Purchase Order/Contract of value exceeding Rs. 50,000/- at the rate of two percent (2%) of order value rounded off to a multiple of Rs. 10/- on the higher side.

ii) Ordinarily, in case of successful tenderers, the Earnest Money received with tenders shall be converted into Security Deposit. If the amount of Earnest money received with a tender is more than the amount of security deposit required for the Purchase Order/Contract, the balance shall be refunded and in case of shortfall the Contractor/Supplier shall be required to deposit the additional amount.

iii) In the case of Tenderers from whom Earnest Money is accepted in the form of Bank Guarantee. The Security Deposit shall also be acceptable in the form of Bank Guarantee, valid up to 3 months after the completion of contract period, including

warranty period if any. To start with, the Bank Guarantee submitted against Earnest Money shall be treated as Bank Guarantee against Security Deposit. If its amount is adequate, its validity may be extended by the Contractor/ Supplier to cover the total period required for the Security Deposit, otherwise, the contractor shall be required to submit fresh Bank Guarantee for the correct amount and period for security, then the Bank Guarantee for Earnest Money shall be released.

iv) The Tenderers having permanent deposit of Rs. 10.00 Lac with the P&M Organization and hence exempted from depositing Earnest Money with tenders, shall required to submit Security Deposit of 2% of order value in the form of Bank Guarantee/ Bank Draft within 30 days from the award of Order/Contract.

v) The following shall be exempted from depositing security against Orders/ Contracts given to them :

a) Manufacturers/ Suppliers of Proprietary items.

vi) On the faithful execution of Purchase Order/ Contract in all respect, including warranty period, if any, the security deposit of the contractor/ Supplier shall be released by the Contracting/ Purchasing Agency.

vii) In the event of default on the part of the Contractor/ Supplier in the faithful execution of Purchase Order/ Contract his security deposit shall be forfeited.

viii) The forfeiture of Security Deposit shall, however, be without prejudice to any other right arising or accruing to the PSTCL under relevant provisions of the Purchase Order/ Contract, like penalty/ damages for delay in delivery including suspension of business dealings with Board for specific period.

2.10 INTIMATION TO THE G. M. / FINANCE AND CONSIGNEES:

The Supplier will have to intimate the probable date of dispatch 15 days in advance followed by telegraphic advance intimation regarding the actual date of R.R./LR to the under-signed to enable them to arrange payment, failing which demurrage, wharfage etc. will be to Supplier's account. A copy of such intimation should be sent to the consignee also for reference, immediately.

2.11 INFORMATION REGARDING LIST OF BANKERS, THE PURCHASER DEALS WITH:

The Punjab State Transmission Corporation Limited deals with the following Banks at Patiala :-

i) State Bank of Patiala, The Mall, Patiala.
ii) Punjab National bank, The Mall, Patiala.
iii) Central Bank of India, The Mall, Patiala.
iv) Bank of India, The Mall, Patiala.
v) United Commercial Bank, Old Kotwali Chowk, Patiala.

a) The Railway Receipt/ Goods Receipt and invoices etc. should be sent to the authorities to be specified in the Purchase Order.

b) Any demurrage occurring as a result of sending Railway Receipts/ Goods Receipts through a Bank other than the one with which the accounts of the purchaser are operated will be to the account of the Supplier/ Contractor.

c) No goods will be accepted by the consignees unless accompanied by priced challans or invoices.

2.12 TERMS OF PAYMENT:

90% payment of the contract value pro-rata for each consignment of operationally complete equipment dispatched after approval of Inspecting Authorities/ Test Certificates etc. along with 100% Sales Tax, Excise Duty and any other statutory levies as per contract shall be paid with-in 45 days against receipted challans subject to furnishing a Contract Performance Guarantee (Performa attached as **Annexure-G**) of 10.0% of the Purchase Order value, valid for a period of 90 days beyond the expiry of warranty period. CPG can either be in the form of DD or Bank guarantee of a public sector bank. In the case of non-submission of CPG, amount equivalent to 10% of purchase order value shall be deducted from the first bill.

2.13 FORCE MAJEURE:

During the pendency of the Contract/ Purchase Order, if the performance in whole/ part by either party or any obligation thereunder, is prevented/ delayed by causes arising out of any war, hostility, civil commotion, acts of public enemy, sabotage, fire, floods, explosions, epidemics or non-availability of Government controlled raw material under Orders/ Instructions of Central/ State Government regulations, strikes, lockouts, embargo, act of Civil/ Military Authorities or any other causes beyond their reasonable control, neither of the two parties shall be made liable for loss or damages due to delay or failure to perform the contract during the currency of Force Majeure conditions, provided that the happening is notified in writing (with documentary proof) within 30 days from the date of the occurrence.

The supplies shall be resumed under the contract as soon as practicable after the happening (event) ceases to exist.

2.14 PENALTY/ DAMAGES FOR DELAY IN DELIVERY:

If the Supplier fails to deliver the material/ equipment within the stipulated delivery period of the Purchase Order/ Contract, the same is liable to be rejected and if accepted, the Supplier shall be liable to pay penalty @ 0.5% (half of one percent) of the cost of undelivered supply/ incomplete equipment per month of delay or part thereof, not exceeding maximum limit of 10% of the cost of complete unit of undelivered equipment so delayed.

However, there will be a slack of one month, that will not entail any penalty, but there will not be any additional financial implication to the PSTCL during the slack period. Delay beyond the slack will attract penalty for the full period of delay during slack period.

2.15 NEGLIENCE AND DEFAULT:

In case of negligence on the part of Supplier/ Contractor to execute the order/ contract with due diligence and expedition and to comply with any reasonable orders given in writing by the Purchaser in connection with the Purchase Order/ Contract of any contravention in the provisions of the Purchase Order/ Contract, the Purchaser may give 21 days notice in writing to the Supplier/ Contractor to make good the failure or neglect or contravention and if the Supplier/ Contractor fails to comply with the notice within time considered to be reasonable by the Purchaser, the purchaser may blacklist or suspend/ terminate business dealings with the defaulting firms for a specific period apart from claiming reasonable compensation/ damages forfeiture of security etc. The action taken under this clause will be notified to all the purchasing agencies and other Boards by the concerned Purchasing Authority of PSTCL.

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2.16 WARRANTY:

The Supplier/ Contractor shall be responsible to replace free of cost with no transportation and insurance expenses to the Purchaser up to the destination of material/ equipment, the whole or any part of the material, which under normal and proper use and maintenance proves defective in material or workmanship within 12 months from the date of commissioning by the purchaser or 18 months from the date of GR in store provided the purchaser gives prompt written notice of such defects to the Supplier/Contractor. Such replacement shall be affected by the Supplier/ Contractor within a reasonable time not exceeding 6 months of the intimation of defects. Supplier's/ Contractor's responsibility arising out of supply of material or its use whether on warranties or otherwise shall not in any case exceed the cost of correcting the defects or replacing the defective part/ material and upon the expiry of the warranty period stipulated above, all such liabilities shall terminate.

The above provisions shall equally apply to the material so replaced/ repaired by the Supplier/ Contractor under this clause in case the same is again found to be defective within 36 months of its replacement/ repair.

In case the replacement/ repair of defective material is not carried out within six months of intimation of defects, the Supplier/ Contractor shall have to pay interest @ 18% per annum on the value of each complete operational unit of equipment beginning from the date of its becoming defective upto the date of its re-commissioning after replacement/ repair. Purchasing Authority, however, for items other than transformers, meters, LT switches, fuse units, LAs, LT capacitors and project equipment may reduce warranty for six months for items the identification of which after installation is not feasible.

2.17 INSPECTION & TEST:

The PSTCL's shall inspect, examine and test the equipment/ material through its official(s) and or through an outside agency nominated by PSTCL at the Manufacturer's/ Supplier's works, during or after the manufacture of goods prior to dispatch, on receipt of a clear notice of minimum two weeks in advance, to be reckoned from the date of receipt by the Purchaser. The Supplier/ Contractor shall provide all facilities as may be required to carry out the tests in accordance with approved standards, free of cost. No material shall be dispatched without prior inspection and approval of test certificates by the Purchaser unless otherwise directed.

2.18 INTERCHANGEABILITY:

Corresponding parts of a plant/ equipment shall be made to gauge or jig and shall be inter-changeable in every respect.

2.19 TRAINING FACILITIES:

The successful Tenderer will be required to impart training to up to two Engineers and two technicians so as to fully acquaint them with Design, Manufacturing, Testing and Commissioning of equipment/ material including fault detection of protection schemes covered in this tender (if applicable), if so desired by the Purchaser. The period of training shall be mutually agreed upon and all expenses shall be borne by the supplier. However, to and fro travel charges, boarding and lodging expenses shall be borne by the PSTCL.

2.20 CANCELLATION:

The Purchaser reserves the right to cancel the Purchase Order as a whole or in part at any time or in the event of default on the part of the Supplier prior to the receipt of intimation regarding taking in hand of the manufacture of material against the Purchase Order/ dispatch of material to the consignee.

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2.21 RAW MATERIAL:

The raw material to be used in the manufacture of the goods/ equipment to be supplied against Purchase Order/ Contract shall be of the best quality of its kind obtainable in the market. The Supplier shall be solely responsible for the procurement of raw material required for the purpose.

2.22 MATERIAL & WORKMANSHIP:

All the material used in the manufacture of equipment shall be of the best quality obtainable of their respective kinds and whole of the work shall be of the highest class, well finished and of approved design and make. Casting shall be free from blow holes, flaws, cracks or other defects and shall be smooth, close grained and of true forms and dimensions.

2.23 PACKING:

All the material should be suitably packed for transportation direct to the consignee and the Supplier shall be responsible for all damages/ losses due to improper packing. All boxes shall be marked with the signs indicating up and down sides of the boxes and also unpacking instructions considered necessary by the Supplier. The contents of boxes shall have place

marks corresponding to the number in the packing lists to enable easy identification. The prices quoted by the Tenderers shall be deemed to include the cost of packing.

2.24 CHANGES:

No variation or modification or waiver of any of the terms and provisions shall be deemed valid unless mutually agreed upon in writing by both the Purchaser and the Supplier.

2.25 TEST CERTIFICATES AND INSTRUCTION BOOK:

The Supplier/Contractor shall be required to furnish to the Purchaser's office/ consignees, where-ever necessary, the following documents along with the consignment :

i. Printed pamphlets & Catalogues.
ii. Instruction Books.
iii. Drawings / Detailed internal circuit diagrams.
iv. Any other relevant information (to be incorporated at the time of placing the Purchase Order).
v. Soft Copy of instruction manuals, drawings & detailed internal circuit diagrams.

In case the goods have not been inspected/tested at the manufacturer's works by the representative of the PSTCL, the Supplier/Contractor shall furnish the following certificates along with consignment for facility of the consignees :-

a) Type test certificates.
b) Routine Test Certificates.

2.26 CONSTITUTION, EXPERIENCE AND FINANCIAL STANDING:

The Tenderers should invariably supply the following information with the tenders :-

a) Constitution and composition of the firms:

i) If a joint stock company, copy of its Memorandum and Articles of Association and other particulars.
ii) If partnership, a copy of the partnership deed, particulars of partners.
iii) If a proprietary concern, the standing of the proprietor and if registered with the Registrar of Companies/Firms, their Registration No. _____

b) In case of authorized representative:

i) Name & particulars of manufacturers.
ii) Certified copy of the Instrument of Authorization of the Supplier/ Manufacturers.

c) Experience and standing in the market.

d) Particulars of the similar Purchase Orders/ Contracts executed with PSTCL, PGCIL or other reputed utilities as per "Performance Schedule" attached along with as **Annexure-'F'**.

e) Financial Position:

i) Balance sheet for the last three years including Trading, Manufacturing, profit and loss Account.
ii) Bank References.
iii) Name and address of director of the firm, their income Tax permanent account no., Income tax return and turnover for the last three years and any specific allied information.

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2.27 DISPATCH INSTRUCTIONS:

The material shall be required to be dispatched as per the dispatch instructions issued by the Purchaser.

2.28 EXTENSION IN DELIVERY PERIOD:

a) Any genuine delay in approval of technical details, drawings, issuance of amendment to Purchase Order, conducting inspection, approval of Inspection Test Report & Test Certificates for allowing dispatches etc. will count towards extension of the delivery period by corresponding period other than admissible under Force Majeure conditions, if any substantiated by the Supplier and duly accepted by the Purchaser.

b) No extension in delivery shall be granted in case of delay in payment. However, for delayed payment beyond stipulated period as per terms of payment clause, compensation shall be credited @ 0.5% of the payment so delayed per month of part thereof to be adjusted against penalties levied or to be levied subjected to a maximum of penalty leviable due to delay in deliveries under the contract.

2.29 **CIVIL SUIT/ JURISDICTION:**

All Legal & Arbitration proceedings in connection with the Purchase Order/ Contract shall be subject to the territorial jurisdiction of the local Civil Courts at Ludhiana only.

2.30 UNDERTAKING:

All the Tenderers are required to give the following undertakings on their letter head with the tender documents failing which their offer/ tender is likely to be ignored:

i) That they will not pay any commission etc. or engage any commission agent or liaison agent for dealing with Board in any manner including purchase of equipment etc.

ii) That no officer/ official of the PSTCL will deal with any person who claims to be a commission agent or liaison agent of any company and that the officers/ officials of the PSTCL must deal only with persons directly employed by the Suppliers.

2.31 PLACE(S) OF MANUFACTURE:

The equipment shall be brand new. The Tenderer shall state the make, place(s) of manufacture as well as the places of testing and inspection of the equipment offered in his tender. It shall also be stated whether the equipment offered carries ISI certification mark or not. The material carrying ISI mark will be preferred.

2.32 SAMPLES:

Whenever asked for, samples must be supplied by the Contractors/ Suppliers free of cost at the Purchaser's Office. Ordinarily the Samples will not be returned to the Tenderers/ Supplie rs. However, expensive samples, the return of which is desired by the Supplier/ Contractor, will be returned to them at their risk and cost after the decision of case.

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2.33 SPECIAL INSTRUCTIONS:

i) Incomplete tenders not submitted on the lines indicated in the specifications are liable to be rejected without correspondence.

ii) Request for extending the due date of tenders will be ignored.

iii) No printed general conditions of sale attached with the tender shall be accepted.

iv) Tenders shall be accepted only from those firms or their authorized agents who purchase a copy of this tender specification.

v) Only indigenous offers or such offers in which no import license is required would be considered.

vi) The Tenderers revising their offer or withdrawing the same within the validity period after opening of the tenders are liable to be ignored/ black listed.

vii) Comments if any, on the clauses contained in the 'General Terms and Conditions' as well as in the 'Technical Specification' should be offered, while submitting tenders, otherwise it will be presumed that all clauses stipulated therein are acceptable.

viii) The tender must be accompanied by type test reports, copies of detailed and fully dimensioned drawings of the equipment, technical particulars and detailed literature.

ix) The tender should be accompanied by a reference list of Purchase Orders received/ executed by the Tenderer for similar equipment in the following format :

Sr. No.	Destination & Full address of the Purchaser	Purchase order no. & Date	Quantity & Brief Description of Equipment	Status of Supplies	Remarks

x) **Pre-qualifications**: The pre-qualification clause regarding issue of tender documents to firms who are defaulter for 25% or more quantity for more than 9 months or any quantity for more than 15 months in making supplies against earlier purchase order placed on therefore, has been withdrawn. However pre-qualification and technical qualification shall be clubbed together for the purpose of technical evaluation. Thereby implying that a firm who is a defaulter type ( ) shall be technically disqualified and Part-III i.e. price bid of the firm shall not be opened.

2.34 NEGOTIATIONS:

Normally no negotiations affecting prices or basic features of NIT/ Specifications shall be conducted with the tenderers after opening of tenders except under specific orders of the competent authority, with reasons to be recorded. The negotiations can only be held with L-I (first lowest in merit position) tenderer.

2.35 ARBITRATION:

a) If at any time any question, dispute or difference, what-so-ever, shall arise between the Purchaser/ Board and the Contractor/ Supplier, upon or in relation to, or in connection with the Purchase Order/ Contract, either party may forthwith give to the other, notice in writing of the existence of such question, dispute or difference and the same shall be referred for sole arbitration of a nominee of the Purchaser/ Board, who shall give a reasoned/ speaking awards. The award of the Sole Arbitrator shall be final and binding on the parties under the provisions of the Indian Arbitration Act 1940 and of the rules thereunder. Any statutory amendment, modification or re-enactment thereof for the time being inforce shall be deemed to apply to and be incorporated in the Contract/ Purchase Order. It will not be objectionable if the Sole Arbitrator is an officer of the Board and he has expressed his view on all or any of the matters in question of dispute or difference.

b) Upon every or any such reference, the cost of any incidental to the reference and award respectively shall be in the discretion of the Sole Arbitrator so appointed who may determine the amount thereof or direct the same to be taxed as between Solicitor and Client or as between party and party and shall direct by whom and to whom and in what manner the same is to be borne and paid.

c) The work under the contract shall, if reasonably possible, continue during the arbitration proceedings and no payment due or payable by the Purchaser/ PSTCL shall be withheld on account of such proceedings.

2.36 ORDER PREFERENCE:

The PSTCL would allow an order preference to such tenderer whose works are situated within the state of Punjab as per the procedure laid down as under:

a) The rate of Punjab firm would be de-escalated by 15% for all the units. Their position in the comparative statement shall be shown accordingly for the purpose of comparative

statement. For Punjab based firms up to 20% of the total quantity will be reserved provided they fall in consideration zone after application of price deferential.

For this purpose, the merit statement of Punjab based firm shall be prepared separately. However, where the Punjab firm qualify amongst the lowest bidders on their own quoted rates, they shall form part of original quoted list for purpose of placing orders.

b) The zone of consideration for placing of purchase order/ contract would therefore be demarcated taking into account the quantity of material required as per NIT and the quantities offered by the different tenderers.

c) The purchase on the Punjab firm claiming order preference and falling within this zone would be placed on the lowest rate of a firm not claiming order preference within the zone of consideration or on the concerned Punjab firm's own quoted rate which-ever may be lower.

d) **Deleted.**

e) The Punjab based firms claiming order preference shall be required to furnish an undertaking in prescribed form (**Annexure-H**) on a Non-Judicial stamp papers of appropriate value to the effect that they shall execute the order if placed on them under 'Order Preference' as per the tender specification. Such undertaking should be submitted by the Punjab based tendering firms latest by the close of the day of opening of tenders. In case, no such undertaking is furnished by the Punjab based firms, who are otherwise eligible for claiming 'Order Preference' as per the tender specification, their tenders shall not be considered for placement of any order under Order Preference. In the event of refusal by the Punjab based firms to execute the purchase order/ contract at their quoted rates or offers made under 'Order preference' as per 'c' and 'd' above as the case may be. After having furnished the above undertaking, their earnest money shall be forfeited apart form initiating further administrative action such as suspending business dealings, blacklisting etc.

2.37 FAKE INSPECTION CALL:

All such firms who after giving inspection call do not put up the material to the Inspecting Officer for inspection due to one reason or the other shall be required to remit the expenditure of TA & DA of the inspecting officer(s) @ Rs. 5000/- (Five Thousand) within Punjab and Rs. 15000/- (Fifteen Thousand) outside Punjab per visit of each officer, Besides the recovery against each fake inspection call, a letter of warning shall be issued and it shall be counted towards their performance for all intents and purposes. These charges shall be Rs. 15000/- (Fifteen Thousand) and Rs. 5000/- (Five Thousand) per visit of inspecting officers respectively in case the material fails during inspection.

2.38 GOODS AND SERVICES TAX:

PSTCL is registered centrally in the state under **GSTIN 03AAFCP4714J1ZK**.

i) GST as applicable, will be paid as per prevailing provisions of GST Act, & Laws against submission of documentary proof at rate (s) prevailing during the contracted delivery period on the basis of actual. The following certificates shall have to be furnished along with invoice-cum- gate pass duly signed by the authorized agent/signatory. The first invoice should accompany the specimen signatures of the authorized signatory duly attested by the Managing Director of the factory with a copy of orders regarding his appointment as authorized signatory.

-Certified that the transaction on which the GST is claimed has been/shall be included in the return submitted / to be submitted to the GST Authorities and the amount claimed from the Punjab State Transmission Corporation Ltd., has been / shall be paid to the GST Authorities.

-Certified that the Goods on which GST has been charged have not been exempted under GST Act or rule made there under and that the GST charged on these Goods is not more than what is payable under the provisions of relevant act.

-Certified that we shall indemnify the Punjab State Transmission Corporation Ltd., in case, it is found, at a later stage that wrong or incorrect payment had been received on account of GST; the same will be refunded.

-Certified that we are registered dealer under the GST Act and our Registration No. is _____.

ii) In case the GST is applicable and is required to be paid extra as referred to Para-(i) above, the tendered should clearly indicate HSN code of item along with present rate (in percentage) applicable to their company.

iii) The maximum rate (in percentage) up-to which the GST may become leviable/payable under the prevailing Rules & Regulation applicable to their company, should also be clearly indicated in their tender.

iv) In the case the GST is applicable /payable, necessary certificate of GST claimed / GST Gate Pass duly authenticated by the authorized representative of GST Authorities, shall however, be furnished by the supplier along with each consignment. The supplier should, therefore, clearly indicate in their tender that whether such GST Gate Passes/Certificate shall be furnished by them or not.

NOTE: The firm indicating nil or concessional rate of GST in their tenders (if any) will have to absorb GST up to the full rate applicable at the time of tendering.

v) FURTHER any loss due to non-availability of ITC or levy of penalty/interest payable by PSTCL on account of non-filling of return or non- compliance or any miss-statement given under the provisions of GST ACT by the firms shall be recoverable from them.

Addl. S.E./ Protection & OS Division,
On behalf of Chief Engineer/ P&M,
PSTCL, Ludhiana.

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SECTION-II

TECHNICAL SPECIFICATIONS

1.1 SCOPE:

This specification covers the **Procurement of Long Range Single-Mode to Multi-Mode Optical Media convertors along with relevant optical patch cords & other accessories**. The equipment offered by the tenderer shall be complete in all respect and any equipment part or accessories auxiliary in nature and is not specifically mentioned but is essentially required for proper design, co-ordination, operation and maintenance would deemed to have been included under the scope of this specification without any extra cost. The Tenderers will submit their offer strictly as per Standard Terms and Conditions of this Enquiry. The offers with any deviation will be liable to be rejected.

1.2 REQUIREMENT:

Sr. No.	Description of Material	Quantity Required
1)	**Single-Mode to Multi-Mode Convertor (100-120 km range)**	2
2)	**Multi-Mode Patch cords (5 mtrs)**	3
3)	**Single-Mode Patch cords (15 mtrs)**	3
4)	**DC-MCB**	2
	"Schedule of Technical specification and BOQ" attached as **Annexure-A**	

Notes:

1. The quoted product of the tenderer must be operating satisfactorily at any reputed power utilities in India/Abroad. The tenderer will have to furnish documentary evidence in this regard.
2. The tenderer shall supply the copies of the Type Tests / Routine Tests and other relevant Tests of the product as per relevant Indian and International Standard along with the tender.
3. Only the offers of original manufacturers of kit/device or their authorized dealers/ representative or technical collaborators shall be considered.
4. This office will have full right to reject/ accept the tenders without assigning any reason to the tenderer.

1.3 TECHNICAL SPECIFICATIONS :

The technical specifications are attached **at Annexure 'A'.**

1.4 CLIMATIC CONDITIONS :

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All the Substations / Transmission lines where these instruments are to be used are located in the level alluvial plains of the Punjab (Altitude not exceeding 1000 meters), where the climatic conditions are as under:-

a) The temperature of air in shade varies from -10°C to 50°C.
b) The maximum outside temperature of air in sun is 60°C.
c) Maximum daily and yearly average ambient temperature is 45°C to 35°C.
d) The tropical monsoon rain conditions exist for about four months in the year and the average annual rainfall is 250 cm. The maximum relative humidity may be of the order of 90-100%.
e) Heavy dust storms/ thunderstorms accompanied by lightening occur at frequent intervals. The maximum wind pressure may be of the order of 195 Kg./cm^2.
f) Heavily polluted atmosphere having acidic contents in air causing normal sulphonation. The sites are vermin infested.
g) The sites, where these instruments are to be used, are susceptible to earthquakes.

1.5. PRICES:

The prices should be quoted only on the Performa **"Schedule of Prices"** enclosed as **Annexure- B**. The firm must quote for all accessories as asked by this office in tender specifications. The firms should also clearly mention about the Excise Duty and Central/ Punjab Sales Tax (now GST) if these are applicable or not. Many a times the firms quote these taxes/ duties as under:

-- "Present rate is ____" or "presently it is nil" or "not applicable" or "will not be charged" but any change or increase in these taxes will be to the Board's account.
-- "Extra, as applicable at the time of supply, at present it is nil".

In all such cases or similar cases, the comparative statement will be worked out after loading the maximum slab of these taxes/ duties prevalent during the financial year. But these taxes will be paid as per actual against documentary proof as prevalent at the time of delivery of material. Only in case of those firms who mention clearly these taxes as nil or specifying the exact/ maximum applicable rates, loading of ED/ CST (now GST) will be made accordingly.

1.6. TERMS OF PAYMENT:

90% payment of the contract value pro-rata for each consignment of operationally complete equipment dispatched after approval of Inspecting Authorities/ Test Certificates etc. along with 100% Sales Tax, Excise Duty and any other statutory levies as per contract shall be paid within 45 days against receipted challans subject to furnishing a Contract Performance Guarantee (Performa attached as **Annexure-G**) of 10.0% of

the Purchase Order value, valid for a period of 90 days beyond the expiry of warranty period. CPG can either be in the form of DD or Bank guarantee of a public sector bank. In the case of non-submission of CPG, amount equivalent to 10% of purchase order value shall be deducted from the first bill.

1.7. GUARANTEED TECHNICAL PARTICULARS:

The General Particulars of the firm and Guaranteed Technical particulars of the equipment should be supplied on the performa "Schedule of General Particulars" and "Schedule of Technical Particulars" attached as **Annexure C** & **Annexure D**. In addition, any other technical information that the tenderer intends to furnish and which highlights key features of products offered required for proper utilization.

1.8. STANDARDS:

The instruments and their parts/ accessories shall comply with the requirements laid down in relevant Indian/ International Standard Specifications, as amended up to date, or otherwise except for those which are specifically mentioned/ modified by this Specification. Deviations from these standard specifications if any should be clearly brought out in the tender in **"Schedule of Deviations"** enclosed as **Annexure-'E'**. These deviations should be supported with full justifications.

1.9. TESTS AND INSPECTION :

1.9.1 TYPE TESTS :

The instrument should be type tested as per the provision of relevant ISS / BSS / International Standard specifications with amendment, if any from any of Govt. approved Lab. Like CRPI, ERDA, ERTL, ETDA, NPL etc.

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1.9.2 ROUTINE TESTS :

The equipment shall comply with all routine tests as per relevant ISS/ BS and IEC. The purchaser reserves the right to carry out the routine tests at the manufacturer works. Duplicate copies of all the test certificates of each item.

1.10. PACKING FORWARDING AND TRANSPORTATION:

The supplier shall be responsible for suitable packing of all the equipment and markings of the equipment so as to avoid any damage during transit & storage to ensure correct dispatch to the destination.

The Tenderer must quote the F.O.R. Destination Prices for any place in Punjab and breakup of the F.O.R. Destination Prices should be given as under:

a) The prices of the material inclusive of packing and forwarding charges forming the part of production cost.

c) Packing cost and handling, cartage charges not forming the part of production cost covered in F.O.R. Destination Prices.

d) Freight charges and transit risk insurance charges covered in F.O.R. Destination Prices.

As per the practice being adopted in PSTCL, Excise Duty, if applicable, will only be paid on Ex-works price including packing & forwarding charges forming the part of production cost. Similarly Central Sales Tax, if applicable, will be paid on Ex-works price including packing & forwarding charges forming the part of production cost plus Excise Duty. The Excise Duty and Sales Tax will not be paid on packing & forwarding charges not forming the part of production cost and freight & insurance charges.

1.11. QUANTITY REQUIRED:

The approximate requirement of the material is given in the tender. The PSTCL, however, reserves the right to increase or decrease the quantity at any stage and also reserves the right to place the order on one or more suppliers for the quantity mentioned in NIT.

1.12. PERFORMANCE GUARANTEE :

All the material / instrument supplied against this specification shall be guaranteed against defective material, inadequate design & bad workmanship for a period of at least 12 months from the date of commissioning or 18 months from the date of GR in store. For this the successful tenderer shall be required to give undertaking on stamp paper worth Rs.15 before making the deliveries as per the provision contained in Warranty Clause of General Terms & Conditions attached as Section-I. The Warranty Clause of the General Terms & Conditions i.e. Clause No.2.16 of Section-I is amended up to the extent for the period of warranty as mentioned above. Firm should also supply the PO's & performance reports from reputed transmission utilities like in India.

In case of such firm who will not agree to the warrantee for 12 months as mentioned above, the loading on account of less period of warranty will be made at the maximum rate specified by any other tenderer or @ 10% per annum whichever is higher, while working out the comparative statement.

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1.13. DEMONSTRATION:

In case the offers of the firms, fall in 'Zone of Consideration', the bidders may have to arrange a demonstration of their quoted equipment/ instrument at their own expenses at Ludhiana or any place in Punjab, so as to ascertain the features/ capability of instrument as per tender specifications/ their quotation. In case of successful tenderers, they may require to impart training at least two officers / official for each set at site, so as to fully acquaint them with the instrument.

1.14. DELIVERY SCHEDULE :

The entire job including supply of material/ instrument and its commissioning should be completed in **one month** after the issue of purchase order. However the tenderer should mention their specific delivery schedule.

The purchaser reserves the right to restrict the supplies as per actual requirement from time to time. Stipulations regarding deferment of supplies shall be discretionary with the purchaser and shall not entitle the supplier to any extension in delivery period beyond the delivery period fixed in the purchase order. This condition will be concluding factor in making award of contract & acceptance to the same must invariably be specified in the tender failing which the tender is liable to be rejected.

1.15. DRAWINGS AND LITERATURE :

The tenderer shall submit dimensional drawings, descriptive literature / pamphlets of the equipment indicating the general layout, circuitry, operation and maintenance manuals/ pamphlets etc, along with the tender.

1.16 SUBMISSION OF TENDER / EARNEST MONEY:

The tenders should be submitted in following three parts:-

a) Part-I – Earnest Money:

The first part will consist of Earnest Money Deposit in the form of Demand Draft / Cash Receipt or other information concerning Earnest Money as per the provisions of Clause 2.02.

b) Part-II – Technical / Commercial Bid:

The second part will consist of Technical Specifications, Schedule of Deliveries and other Terms and Conditions except for the Rates. All commercial terms including Discount if any, GST etc. shall be specified in the Part-II of the Bid, so that any ambiguity relating to General Terms and Conditions and technical details can be sorted out before the opening of Part-III i.e. Price Bid.

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c) Part-III – Price Bid:

The third part will consist of rates quoted as well as other related terms like packing, forwarding, freight, insurance, GST etc. and other incidental related to the prices. This part of the bid should contain only the above information, so that there is no controversy regarding the interpretation of any condition / stipulation at the time of preparation of merit statement after opening the Bid Prices. Further the prices shall only be quoted on performa "Schedule of Prices" enclosed as Annexure-'B'

Each part should be enclosed in separate envelop. Each envelope further should be enclosed in a larger envelope. All inner and outer envelopes should be addressed to **Addl. S.E., Protection & OS Division, O/o Chief Engineer/ P&M, Near PB. Agriculture University Gate No.1, Mini Secretariat, Ferozepur Road, PSTCL, Ludhiana - 141001.** All the three envelopes should be sealed and superscribed with the tender / offer number together with the date on which the offer / tender is due and items of material / equipment covered and should also invariably contain the name and address of the bidding firm.

Firstly the main envelope containing the bids will be opened in the presence of the tenderers / bidders authorized representatives, who choose to be present at the time and date of opening of tenders. After opening the main envelope, the envelope marked Part-I (Earnest Money) shall be opened first and if earnest money found to be as per the requirement of the specifications, only then the envelope marked Part-II shall be opened. The bids/ offers without earnest money shall be out rightly rejected.

After opening Part-II of the bids (Technical / Commercial), the bids will be technically & commercially evaluated by PSTCL. The third part of the bids (Price Bid) shall be opened in case of only those firms, whose Part-II of the bids after evaluation is found to be conforming to the specifications. The Price Bids (Part-III) will be opened in the presence of the representative of the qualifying bidders, who choose to attend the opening of bids. The Part-III (Price Bid) should be unconditional and in case there are conditions, the same would be considered as waived.

Addl. S.E., Protection & OS Div,
On behalf of Chief Engineer/P&M,
PSTCL, Ludhiana.

PUNJAB STATE TRANSMISSION CORPORATION LIMITED

SECTION – III

IMPORTANT INSTRUCTIONS TO BE OBSERVED BY THE TENDERERS/ BIDDERS

All the Tenderers/ Bidders must carefully observe the following instructions. Offers/ Quotations/ Tenders not strictly in accordance with these instructions will liable to be rejected and the tenderer/ bidder should submit this section duly signed along with their offer signifying that they have noted/ accepted all these instructions:

i) Tenders/ offers must bear the signature of person along with his designation authorized as per constitution and composition of the firm. Authenticated documents to prove authority of signatory (legal power of attorney in favor of signatory or other wise other document) must be attached with tender.

ii) Tenderers/ bidders should submit their offer in unambiguous wording failing which PSTCL's interpretation/ decision will be final.

iii) Telegraphic/ conditional quotations/ offers will not be accepted.

iv) The tenderer/ bidder shall supply a list of two persons along with their designation and with their signatures duly attested on the firm's pad so that they may represent on behalf of the firm and participate in the opening process of the tenders. The firm shall supply one such copy in the tender and one copy should be with the authorized person, otherwise he will not be allowed to participate in the tender opening.

v) The tender/ quotation must be submitted in three parts i.e. **Part-I, Part-II & Part-III** as detailed in section I & II of the tender specifications. The firm shall quote the rates neatly typed on the performa 'Schedule of Prices' only and this must be contained only in Part III 'Price Bid' of the tender/ offer.

vi) The commercial terms such as Taxes and Duties (including Excise Duty, CST, GST, Octroi, Packing, forwarding, Freight and Insurance Charges), if prices are firm or variable, Ex-works or FOR Destination, Payment Terms, Validity, Warrantee/ Guaranty, Inspection etc. must be mentioned both in part II and Part III of the tender/ bid.

vii) The tenderer/ bidder must adhere to the PSTCL's Standard Payment Terms. The offers with any deviations or quoting other payment terms or conditional payment terms may attract loading as per the provisions of Board's purchase procedure or may liable to be rejected without assigning any further notice.

viii) In case there are more than one item/ type of material, which are being procured through same tender enquiry, the tenderer/ bidder has right to quote for any or all item(s)/ type(s) of material/ equipment. But tenderer/ bidder must quote for full quantity of that particular item/ material. The offers/ tenders with any deviation in this regard will straightforwardly be rejected without assigning any reason.

ix) The tenderer/ bidder must mention in detail about 'Bill of Material/ Scope of Supply/ Details of Items with accessories or parts being quoted' along with quantity of all type of material/ equipment in both Part II & III of their offer. The tenderer/ bidder shall clearly mention all technical feature/ parameters and other information relating to quoted equipment/ material in part II of the offer.

x) For all the quoted items, whether it is instrument or otherwise, the tenderer/ bidder must be original manufacturer/ supplier or authorized agent/ dealer/ representative of the original manufacturer. In case of authorized agent/ dealer/ representative, the tenderer must produce copy of valid authorization letter/ certificate with the tender/ offer.

xi) The tender/ offer must accompany with sample, if it is specifically asked so in the tender specifications. The offers/ tenders without accompanying the samples will straightforwardly be rejected without assigning any reason. However it is at the discretion of the purchaser to allow bidder to submit the samples in reasonable time after the opening of tenders.

xii) The tenderer/ bidder shall submit the copies of relevant documents/ test reports wherever applicable/ required. The tenders/ offers without these will not be considered for procurement.

xiii) The tenderer/ bidders must fill all columns of performa 'General Particulars of the Firm' attached as **Annexure-'C'** and 'Guaranteed Technical Particulars' attached as **Annexure-'D'** supported by all the relevant documents for the speedy disposal of the procurement case.

xiv) The Purchaser reserves the right to modify the "Schedule of Requirements", technical particulars and the specifications at any time and to place the order as a whole or in parts, and to reject any or all the tenders received without assigning any reason. He will not be responsible for and will not pay for expenses or losses that may be incurred by Tenderer in the preparation of the tenders

Addl. S.E., Protection & OS Division,
On behalf of Chief Engineer/ P&M,
PSTCL, Ludhiana.

Technical Specifications

Single-mode to Multi-mode Convertor

1. **Power Supply**

   The convertor should be capable to operate on AC as well as DC auxiliary power supply with operating range as below:

   (a) AC voltage range: 200 – 240 VAC (± 5%)
   AC Frequency: 50 Hz
   (b) DC voltage range: 110 – 230 VDC

Note: Power supply module should be in-built into the convertor.

2. **Operating Conditions**

   a) Operating Temperature Range: minimum range of -5º C to 55º C
   b) Operating Humidity: 5 % to 90 %

3. **Construction**

   The convertor chassis should be of rugged construction and made up of high quality industrial grade materials. There should be provision of mounting the convertor inside the existing Control & Relay Panels using brackets or nut/bolts.

4. **Details of minimum Port requirement on the convertor:**

   a) 2 No. of Single-mode fiber pairs
   b) 2 No. of Multi-mode fiber pairs

5. **LED indications**

   There should be provision of individual LED indicators for channel Up/Down status of all the ports on the convertor along with Power ON as well as Alarm indications.

6. **Signal Transmission/Reception over long distance**

   The convertor should be capable of transmitting and receiving signals up to a minimum distance range of 100 – 120 kilometers over single-mode optical network.

7. **Connector Type**

   The optical connectors on the convertor should be of LC/SC/ST type.

8. Standards

The convertor should conform to relevant IEC/ IEEE standards and the supplier shall provide documentation supporting the same.

9. Safety

The convertor should conform to relevant IS/International standards of electrical safety. There should be provision of grounding on the outer body of the convertor.

Optical Patch Cords

1. Multi-mode:

a) Length: 5 meters
b) Connector type: LC type on one end and the other end should have connector type as per the connector offered on the convertor.
c) Type: Duplex
d) Fiber: 62.5/125 µm multi-mode
e) Wave Length: 1310 nm

2. Single-mode:

a) Length: 15 meters
b) Connector type: FC type on one end and the other end should have connector type as per the connector offered on the convertor.
c) Type: Duplex/Simplex (as per the convertor specifications)
d) Fiber: 9/125 µm single-mode
e) Wave Length: 1310 nm

DC-MCB

DC-MCB (Miniature Circuit Breaker) of ratings as per the power rating of the convertor should be provided. There should be provision of mounting the DC-MCB on the brackets inside the Control & Relay Panel. The DC-MCB should be ISI/ISO certified and conform to relevant IS standards and safety standards.

BOQ of the equipment and accessories

Sr. No.	Equipment	Quantity
1.	SM – MM Convertor (100-120 km range)	2
2.	Multi-mode Patch Cords (5 mtrs)	2 (+1 spare) = 3
3.	Single-mode Patch Cords (15 mtrs)	2 (+1 spare) = 3
4.	DC-MCB	2

Annexure-'B'

SCHEDULE OF PRICES

Sr No	Description of Material	HSN Code	Quantity	Quantity offered	Unit Ex-works rates including packing & forwarding charges forming part of production cost	Unit freight charges upto destination	Unit insurance charges upto destination	Total of 6+7+8	Rate of GST %age	Total GST	Unit Price F.O.R. Destination
			(Nos.)	(Nos.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(%)	(Rs.)	(Rs.)
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12
1.	**Long Range Single-Mode to Multi-Mode Optical Media convertors along with relevant optical patch cords & other accessories**		As per BOQ								

Notes:

1. The prices should be duly typed and hand written prices shall not be accepted.
2. The bidder shall not give/ indicate overall discount on the quoted prices. However, quantity/ payment discount can be given by the bidder, but only in the main tender i.e. in Part-II 'Technical/ Commercial Bid' of the tender. Any firm offering discount on the quoted prices of after the opening of tender will be out rightly rejected.
3. Any arithmetic error shall be considered to the advantage of the purchaser.
4. Rate of GST applicable must be mentioned clearly otherwise maximum rate of GST shall be taken into account for evaluation purpose.
5. The firm Indicating Nil or "Concessional Rates" of GST will have to absorb the GST upto rate applicable at the time of tendering. The firm who do not agree to this stipulation or indicate GST as extra without indicating the applicable rates shall be loaded with maximum rate of GST.
6. The bidder shall quote only in Indian Rupees. The amount of Foreign Exchange, if involved for importing the equipment will have to be arranged by the bidder.

SIGNATURE _____

DESIGNATION _____

COMPANY _____

COMPANY SEAL

DATE _____

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Annexure-'C'

SCHEDULE OF GENERAL PARTICULARS OF THE MANUFACTURER/ SUPPLIER

(Any particulars mentioned below if requires more space, the information may be supplied on extra pages as annexures)

1. Name of the Manufacturer/ supplier/ Firm :
2. Address, Telephone/ Fax Nos. and e. mail address of the Manufacturer/ supplier/ Firm :
3. PAN No. and proof of filing Income Tax Return/ Clearance Certificate for last 3 years of the Manufacturer/ Supplier/Firm :
4. Name of two Owner/ Partner/ Directors/ Proprietors/ General Managers/ Responsible men of the Firm along with their Telephone Nos./ e. mail addresses **1. :** **2.:**
5. PAN No. and proof of filing Income Tax Return/ Clearance Certificate for last 3 years of above Responsible men **1. :** **2.:**
6. Name, telephone no. and e. mail address of Work's Manager/ Responsible person to whom reference should be made for expeditious technical co-ordination/ other clarifications. :
7. In case Authorized Representative / Distributor/ Dealer then give:
   a) Name and particular of the manufacturer :
   b) Certified copy of the instrument of Authorization of the Supplier/ Manufacturer :
8. Constitution and Composition of the Firm (Whether Proprietary/ Partnership/ Private/ Public Limited or Govt. Undertaking. :
9. Copy of the Memorandum/ Partnership Deed/ Article of Association may be attached :
10. If Firm Registered with Registrar of Companies or other Govt./ Semi-Govt. Dept. Give the details of Authority with which it is registered and also give the Registration No. :
11. Manufacturer's type and description of Equipment :
12. Whether the equipment is indigenous or imported one :
13. In case the equipment is being manufactured/ Supplied with the collaboration of Foreign Company, then give the name of Collaborator and Country of Origin. :
14. Experience and standing in the market :
15. Particulars of Purchase Orders/ Contracts executed with Board and other Board/ Govt. Department as per 'Performance Schedule' attached as Annexure F :

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16. Order copies of similar nature of supplies executed with Govt./ Semi-Govt./ Reputed Organizations and Electricity Board :
17. Performance Certificate regarding satisfaction supply and operation of equipment already supplied. :
18. Balance Sheet or details of turnover for last three years including trading, manufacturing and profit & loss account :
19. Details of Technical Qualified Staff/ Engineers, Skilled/ Semi-Skilled/ Un-Skilled Workers employed in Company :
20. Details of Testing Instruments available :
21. Details of Plant and Machinery available :
22. Details of Service Centers/ Registered Offices available in India :
23. Copies of Literature/ Drawings/ Test Certificates attached :
24. Bank References :
25. Whether Firm or their product bears Quality Marking such as ISS/ IEC/ ISO/ BS Certification/ License, if so send the details/ photocopy of same :
26. Details of Testing/ Calibration/ Repair Facilities available for following: Details of Testing Available
    a) Tests of Raw material
    i) :
    ii) :
    iii) :
    b) Type Tests
    i) :
    ii) :
    iii) :
    c) Routine Tests
    i) :
    ii) :
    iii) :
    d) Acceptance Tests
    i) :
    ii) :
    iii) :

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SIGNATURE OF TENDERER

NAME_____

SEAL OF COMPANY/ FIRM

DESIGANATION_____

ANNEXURE 'D'

SCHEDULE OF GUARANTEED TECHNICAL PARTICULARS

Sr. No.	Description	Details
1	**SINGLE-MODE TO MULTI-MODE OPTICAL MEDIA CONVERTOR**	
i)	a. Type b. Make c. Country of origin	
ii)	i) Rated Input DC Voltage ii) Rated Input AC Voltage iii) % Variation of Vx allowed iv) Frequency of Input AC Voltage	
iii)	VA/Watt burden under normal (standby) mode i) In VA AC ii) In Watts DC	
iv)	Maximum VA/Watt burden i) In VA AC ii) In Watts DC	
v)	Operating Conditions: i) Operating temperature range ii) Operating humidity	
vi)	Chassis construction material	
vii)	Provision for mounting the convertor inside the existing control & relay panels	
viii)	No. of Optical Ports: i) Single-mode fiber pairs ii) Multi-mode fiber pairs	

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ix)	Provision of LEDs: i) Power ON indication ii) Channel Up/Down for each individual port iii) Alarm indications	
x)	Distance range over single-mode optical network	
xi)	Connector type i) For single-mode ports ii) For multi-mode ports	
xii)	Whether the equipment conforms to relevant IEC/IEEE standards If yes, then which Standards:	
xiii)	Availability of provision for grounding the outer body of the equipment	
2	**OPTICAL PATCH CORDS**	
i)	**Multi-Mode**	
a)	Length	
b)	Connector type: i) Convertor side ii) Other end (for 1 No. of patch cord) iii) Other end (for other 2 Nos. of patch cords)	
c)	Type	
d)	Fiber	
e)	Wavelength	
ii)	**Single-Mode**	
a)	Length	
b)	Connector type: i) Convertor side ii) Other end	
c)	Type	

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d)	Fiber	
e)	Wavelength	
3	**DC – MCB**	
a)	Rating	
b)	Provision for mounting the convertor inside the existing control & relay panels	
c)	Whether the equipment is ISI/ISO certified	
d)	Whether the equipment conforms to relevant IS Standards	
e)	Whether the equipment conforms to relevant Electrical Safety Standards	

Note: -

1. **In addition, tenderer may give all the relevant technical particulars and guaranteed particulars for the ratings and scheme offered by them.**

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Annexure-'E'

SCHEDULE OF DEVIATIONS

Tenderers shall carefully state below any and all points clause by clause of his offer, which are not in accordance with PSTCL's Technical specifications and General Instructions.

Section	Clause No.	Deviation

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We hereby certify that the above mentioned deviations are the only deviations from the General as well as Technical Specification of the Enquiry. All other clauses of the specification not specifically commented are acceptable.

SIGNATURE _____
DESIGNATION _____
COMPANY SEAL COMPANY _____
DATE _____

Note: In case, the technical specifications as well as general conditions of Tender Specifications are acceptable in toto, the word 'Nil" shall invariably be put in the above column.

Annexure-'F'

PERFORMANCE SCHEDULE

(SEPARATELY FOR BIDDER AND COLLABORATOR)

Sr. No.	Size & Brief Description of item	Order No. & Date	Name of Purchaser	Qty. Nos.	Value	Date since the item(s) supplied are in service.	Remarks
1.	2.	3.	4.	5.	6.	7.	8.

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Note: Please enclose performance certificate for the equipment supplied to various Electricity Board/ Power Utilities from Purchasing Agencies.

Dated: _____

- Signature :
- Name:
- Status:
- Whether authorized of the Attorney of the Tendering Co.:
- Name of Tendering Company:

Annexure-'G'

CONTRACT PERFORMANCE GUARANTEE PROFORMA
(TO BE EXECUTED ON A NON-JUDICIAL STAMPED PAPER OF THE APPROPRIATE VALUE)

Bank Guarantee No. :_____ **Dated :**_____

Chief Engineer / P&M,
Power Colony No.1,
Opp. Pb. Agriculture University,
Gate No.1, Ferozepur Road.
PSTCL, Ludhiana-141001.

The _____ hereby agree unequivocally and unconditionally to pay, within 48 hours, on demand in written from the Chief Engineer/ P&M, the Punjab State Transmission Corporation Limited, Ludhiana or any office authorized by him in this behalf, of any amount up to and not exceeding Rs. _____ (Rupees _____ _____) to the the Punjab State Transmission Corporation Limited on behalf of M/S _____ _____ who have entered into a contract or who have unconditionally accepted the Purchase Order No. _____ _____ Dated _____ for the supply of material _____ _____ for a total order value of Rs. _____(Rupees_____)

This guarantee shall be valid and binding on this Bank up to and including _____ and shall not be terminate by notice or on account of any change in the constitution of Bank or the firm of the Contractors/ Suppliers or by any other reasons what-so-ever and our liability here-under shall not be impaired or discharged by any extension of time or variation or alterations made, given, or conceded or agreed with or without our knowledge or consent, by or between the parties to the said Contract/ Purchase Order.

Our liability under this guarantee is restricted to Rs. _____ (Rupees_ _____). Unless a claim in writing is presented to us within six months from that date and if unpaid a suit or action or enforce a claim under the guarantee is filed against us within six months, all your rights under the said guarantee shall be forfeited and we shall be released and discharged from all liabilities thereunder.

We hereby agree that any claim or dispute arising under this deed shall fall within jurisdiction of competent courts at Ludhiana.

We hereby further declare that this deed has been executed by our lawfully constituted attorney legally competent to sign and execute such deeds.

Witness 1._____ Signed _____

_____ For Prop._____

2._____ Bank _____

Annexure-'H'

UNDERTAKING FORM

(To be entered on a Non-Judicial Stamped Paper of Appropriate Value)

We_____ state that our works are situated in the state of Punjab and we claim 'Order Preference' as stipulated in the PSTCL Tender Specification No. _____ due on _____ against which we have submitted out tender no. _____ dated _____. We under take to execute the order/ contract if placed/ awarded on to us even by counter offer at the rates worked out by Punjab State Transmission Corporation Limited in accordance with its Purchase Regulations. It is further understood that in the event of refusal by us or failure on part to execute the order/ contract (full or part) placed/ awarded on to us under 'Order Preference' on any account what-so-ever, the Punjab State Transmission Corporation Limited shall have the right to forfeit the earnest money deposit by us and we shall have no claim for the refund thereof. The Punjab State Transmission Corporation Limited shall also have the right to suspend business dealing with us and to blacklist our firm, without prejudice to other rights accruing to the Punjab State Transmission Corporation Limited under the Purchase Order/ Contract, if placed/ awarded on to us.

PUNJAB STATE TRANSMISSION CORPORATION LIMITED

Signature of Constituted Attorney.

Name:_____

Designation_____

Seal of the Company

Date_____