



PUNJAB STATE TRANSMISSION CORPORATION LIMITED,
Regd. Office: PSEB Head Office, The Mall, Patiala-147001
Office of Chief Engineer/Transmission System,
Shakti Sadan, Patiala-147001
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TENDER SPECIFICATION NO. STQ 6039

FOR MANUFACTURE, TESTING AND SUPPLY OF ARMOURED ISI MARKED SINGLE CORE 11KV 300MM² SIZE STRANDED ALUMINUM CONDUCTOR, XLPE INSULATED, PVC SHEATHED, SCREENED CABLE (10 KMS) IN ACCORDANCE WITH IS: 7098 (PART-2) WITH LATEST AMENDMENTS MANUFACTURED WITH CCV/SIOPLAS TECHNOLOGY

Last date & Time of downloading of Specification : 1.06.2015 upto 05.00 P.M
Last date & Time for receipt of Tenders : 04.06.2015 upto 10.30 A.M.
Date and Time of opening of Tenders : 04.06.2015 AT 11.00 A.M
Full EMD : Rs. 80,000/-
25% EMD : Rs. 20,000

Cost of specification: Rs.1000/- (Rs. one thousand only)

Note: - Cost of spec. i.e. Rs. 1000/- in form of DD in favour of AO/CPC, PSTCL, Patiala is to be submitted in a separate envelop alongwith the tender failing which tender of the firm shall not be accepted.

TELEPHONE : 0175-2303676

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NOTES:-

1. FIRM SHOULD QUOTE ONLY VARIABLE PRICES WITH BASE DATE 01.05.15. OFFER WITH **FIRM** PRICES SHALL BE REJECTED.
2. Cost of specification(Rs.1000/-) in favour of AO/CPC, PSTCL, Patiala and EMD/PEMD certificate may be furnished in separate envelopes upto the last date/time of bid submission in the office of Dy.CE/TS(D), 1st floor, Shakti Sadan, PSTCL, Patiala, failing which bids of the firms will not be opened.
3. The part-III of the tenders i.e. Price bids of the following firms shall not be opened.
 - a) Firms with whom business dealings have been suspended, blacklisted and debarred firms.
 - b) Firms who are defaulters for 25% or more quantity for more than 9 months or any quantity for more than 15 months in making supplies against earlier purchase orders placed on them at original last date and time of downloading of Specification/Tender documents from PSTCL's website.
4. Please note that submission of only Manual tenders against this tender enquiry is acceptable.

Dy.CE/TS (D)
PSTCL, Patiala

INDEX

Sr. No.	Description	Page no.
1.	Section-I: General Terms & Conditions.	3-16
2.	Section-II Technical Specification	17-22
3.	Annexure-I Schedule of Requirements.	23
4.	Annexure-II Schedule of Guaranteed Characteristics of Power cable.	24-25
5.	Section-III: Price Schedule	26-27
6.	Section-IV: Schedule of Commercial Deviations.	28
7.	Section-V: Schedule of Technical Deviations.	29
8.	Section-VI: Schedule of Past Supplies.	30
9.	Section-VII: Performa for order preference	31
10.	Section-VIII: Performance schedule	32
11.	Section-XI: List of Directors	33
12.	Section-X: Performa for works appraisal	34-35
13.	Section-XI: General Information	36

SECTION-I

GENERAL TERMS AND CONDITIONS

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GENERAL INSTRUCTIONS TO BE OBSERVED BY 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. Offer/Tender not strictly in accordance with these instructions will be liable to be rejected:

- i) The tenders must be complete in all respects. The following points should be carefully 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) Telegraphic quotations will not be accepted.
- iii) Offers/tenders should positively be submitted before the stipulated time and on the last date prescribed for their receipt. Those received late will not be considered /opened at all.
- iv) The Demand Draft/Cash receipt & other information concerning Earnest Money as per clause 2.02 shall be furnished in separately sealed envelope superscribed Earnest Money with the name of tendering firm. The firm having permanent security deposit of Rs.10.00 lac (Rs. Ten Lac) with the CE/TS, PSTCL, Patiala shall give complete details of the deposit in the envelope meant for Earnest Money. The money in separate cover shall be received in the office of CE/TS, Substation Design, Shakti Sadan, PSTCL, and Patiala-147001 up to 10.30 A.M. on the due date. While opening the tender the envelope containing Earnest Money will be opened first and if the Earnest Money is found to be in accordance with the terms of specification only then the main tender will be opened, any tender/tenders without EMD or EMD received late shall also not be opened.
- v) 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/submitted the tender, 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 tenders will be opened on the next working day following the holiday.
- vi) 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.
- vii) The material offered should be strictly according to the specifications laid down in the Enquiry. The quotations should also indicate the make of the manufacturer, brand and company and accompanied with other descriptions, literature and sample, if any, at Tenderer's own cost.
- viii) No conditional offers shall be acceptable.
- ix) It has been decided by Punjab State Transmission Corporation Ltd. to accept Permanent Earnest Money of Rs.10.00 lac (Rs. Ten Lacs) organization wise (Chief Engineer wise). As such the tenderers desirous of having permanent earnest money

for TS organization may submit demand draft for Rs. Ten lac drawn in favor of Account Officer/CPC, Punjab State Transmission Corporation Ltd., Patiala in the envelope meant for earnest money. Firms who are already having PEMD of Rs.10 lac with the Punjab State Transmission Corporation Ltd. (formerly known as PSEB) and want to get the same transferred to TS organization may take up the matter with Accounts officer/Cash, PSTCL, Patiala and obtain a certificate of transfer from Account officer/Cash for PEMD having been transferred to TS organization and attach the same with the tender, failing which the tender shall not be opened.

1.02 PREPARATION OF TENDER:

The tender shall be prepared in formal manner neatly typed or printed with all prices stated both in words and figures.

1.03 SUBMISSION OF TENDERS:

- a) The tender should be submitted strictly as per NIT/ Tender specification complete in all respects. Any deviations from NIT/Spec. shall be clearly brought out. Alternate suggestions conforming to some 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.
- b) Tenderers should submit their offer in unambiguous wording failing which; Punjab State Transmission Corp. Ltd's interpretation will be final.
- c) Offers of the firms who quote for less than 25% of the NIT quantity are liable to be rejected.

THREE PART BIDS

Tender shall be submitted in three parts i.e. Part-I, Part-II and Part-III. The following procedure will be adopted for the opening of the tenders:-

Part-I Earnest Money:

The first part will consist of earnest money deposit in the form of demand draft in favour of AO/CPC. In case of permanent EMD, the envelop must containing certificate to this effect as per clause 2.02 ii (b)

Part-II Commercial/Technical bid:

The second part will consist of technical specification, schedule of delivery and all other terms & conditions except the rates. All commercial terms including discount if any, ED, CST, Punjab Sale tax etc. should be specified in part-II of the bid, so that any ambiguities relating to general terms & conditions and technical details can be sorted out before the opening of Part-III i.e. price bid.

Part-III Price Bids:

- a) The third part will consist of the rates quoted for each item as well as other related terms like freight, insurance, excise duty, CST etc. No correspondence/clarification shall be entertained after the opening of part-III.

Firstly the main envelope containing the bids will be opened in the presence of bidders representatives who choose to be present at the time, date and at the address named above. After opening the main envelopes, the envelope marked part-I (Earnest money) shall be

opened first and if earnest money is found to be as per the requirements of the spec. only then the envelope marked Part-II shall be opened. The bids without earnest money shall be out rightly rejected.

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

(c) If some new firm submits tender which has never supplied the tendered item to PSTCL (earlier erstwhile PSEB), its works appraisal shall be carried out before opening of the Part-III "Price Bid" to ascertain whether the offer of the firm is technically/Commercially acceptable or not.

NOTE:-THE OFFER OF THE FIRMS IS LIABLE TO BE REJECTED IN CASE WORKS APPARISAL FEE IS NOT RECEIVED ALONG WITH TENDER

For the works appraisal, new firms shall have to deposit following charges alongwith tender itself in shape of DD in the name of A.O. /CPC, PSTCL, Patiala:-

a).Rs.50,000/- for the firms located outside Punjab.

b).Rs.25,000/- for the firms located within Punjab.

Note: - The above charges are non-refundable, and works appraisal of the firm does not entitle the firm for placement of order.

1.04 VALIDITY:

The tender should be unconditionally valid for at least 120 days from the date of opening and any withdrawal or modification of the offer shall not be permitted after opening of Part-III of tender.

2.00 GENERAL TERMS & 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. The break up of the **F.O.R.** destination price should be given as under:-

- a) The price of the material inclusive of packing and forwarding, part of production cost.
- b) Packing cost not forming part of production cost, handling, cartage etc. freight charges and transit risk insurance covered in F.O.R. destination price.

ii) All taxes and duties liable 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 tender, to be paid at the rate as may be actually prevalent at the time of supply, 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).

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.

iv) Firm should quote only variable prices with base date on first working day of the month, one month prior to the date of tendering. Offer with **firm prices** shall be rejected.

The price variation formula for aluminium conductor XLPE insulated 1.1 KV power cable (armoured) as per the following applicable IEEMA formula:-

The price quoted/confirmed is based on the input cost of raw materials/ components as on the date of quotation and the same is deemed to be related to the prices of raw materials as specified in the price variation clause given below. In case of any variation in these prices, the price payable shall be subject to adjustment up or down in accordance with appropriate applicable formula as under: -

$$P = P_o + AIF (A_l - A_{lo}) + CCFAI (C_c - C_{co}) + FeF (Fe - Fe_o)$$

Terms used in price variation formula:

P Price payable as adjusted in accordance with above formula (in Rs/Km)

P_o Price quoted/confirmed (in Rs/Km)

Aluminium

AIF Variation factor for Aluminum.

A_l Price of EC grade aluminium rods (Properzi rods). This price is as applicable on first working day of the month, one month prior to the date of delivery

A_{lo} Price of EC grade aluminium rods (Properzi rods). . This price is as applicable on first working day of the month, one month prior to the date of tendering

PVC COMPOUND/POLYMER

CC Price of PVC compound. This price is as applicable on first working day of the month, one month prior to the date of delivery.

CC_o Price of PVC compound. This price is as applicable on first working day of the month, one month prior to the date of tendering.

CCFAI Variation factor for PVC compound/Polymer for aluminium conductor cable.

Steel

FeF Variation factor of steel.

Fe Price of steel strips/steel wire. This price is as applicable on first working day of the month, one month prior to the date of delivery.

Fe_o Price of steel strips/steel wire. This price is as applicable on first working day of the month, one month prior to the date of tendering.

The date of delivery is the date on which the cable is notified as being ready for inspection/dispatch (in the absence of such notification, the date of manufacturer's dispatch note is to be considered as the date of delivery) or the contracted delivery date (including any agreed extension thereto), whichever is earlier.

Notes

- a) All prices of raw materials are exclusive of modvatable excise/CV duty amount and exclusive of any other central, state or local taxes, octroi etc.
- b) All prices are on first working day of the month.

If the material is delivered beyond contractual delivery period, price variation shall be made on the corresponding rates of variable elements prevailing on the first working day of one month before the inspection call or one month before the last date of delivery as per contract whichever shall work out to be lower. No benefit of price increase in the period beyond contractual delivery period over and above as payable up to same shall be allowed. Necessary circular showing the rates as indicated above will be submitted along with the price variation bills.

- v) The rates quoted F.O.R. destination or ex-works should be given in both figures and words.
- vi) 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.
- vii) Those firms who do not give break up of their rates as per spec. shall not be considered. Rates of ED/CST/VAT must be indicated separately. Price bids not indicating ex-works including packing & forwarding charges forming cost of production, freight & insurance charges applicable. ED, CST may be liable for rejection.
- viii) If any firm intends to supply the material/equipment from different works, then the unit FOR rates should be the same for all the works so that there is only one merit position irrespective of location of works. The offer of the firm with different FOR rates for different works shall be rejected.

2.02 EARNEST MONEY:

- i) For this tender enquiry, the tenderers shall be required to submit Earnest Money in the form of Cash Receipt/ Bank Draft in favour of Accounts Officer, CPC, Punjab State Transmission Corporation Ltd., Patiala payable at Patiala along with the tender.

EMD details for this tender enquiry shall be as under:

Description	Earnest Money Deposit
Clause 2.02(i) For Full quantity	Rs.80,000/-
Clause 2.02(iii) Min. Acceptable EMD	Rs.20,000/-

- ii) The following shall be exempted from depositing Earnest Money:-
 - a) Suppliers having permanent Earnest Money of deposit Rs.10.00 lac with the Punjab State Transmission Corporation Ltd. in respect of TS organization. A certificate to this effect issued by the concerned Accounts Officer of the Punjab State Transmission Corporation Ltd. 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.
 - iii) 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 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 Punjab State Transmission Corporation Ltd., otherwise such tenders shall be ignored.
 - iv) 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.
 - v) In case of successful tenderers, Earnest Money shall be converted as security deposit and short fall if any shall be got deposited for faithful execution of purchase order/contract.
 - vi) In case of tenders not accepted, the earnest money shall be refunded within 30 days of the award of order/contract to successful tenderers.

2.03 SALES TAX:

a) Value Added Tax

The VAT as applicable if inclusive in prices shall be paid against documentary proof on 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 tax and the amount claimed from the Punjab State Transmission Corporation Ltd. has been/shall be paid for the Sales Tax Authorities.
- ii) Certified that the goods on which tax has been charged have not been exempted under the rules made there-under and 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 Punjab State Transmission Corporation Ltd. in case it is found at a later stage, that wrong or incorrect payment had been made on account of tax paid by us.
- iv) Certified that we are registered dealer & our Regn. no. is_____

b) CENTRAL SALES TAX:

The Punjab State Transmission Corp. Ltd., Patiala (PSTCL) has been registered as a dealer under the Central Sales Tax Act. When the Central Sales Tax is to be paid by the Punjab State Transmission Corporation Ltd., a declaration Certificate in form-‘C’ will be issued by the AO/CPC, Punjab State Transmission Corporation Ltd., 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 AO/CPC, Punjab State Transmission Corporation Ltd., Patiala, subject to submission of the 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 Punjab State Transmission Corporation Ltd. 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 Punjab State Transmission Corporation Ltd. 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, Punjab State Transmission Corporation Ltd. PATIALA for all supplies received during a particular accounting year.

The firms indicating NIL or concessional rate of CST/ST in their tenders will have to absorb the CST/ST up to full rate applicable at the time of tendering. The firms which do not agree to this stipulation or indicate C.S.T. as extra without indicating applicable rate shall be loaded with maximum rate.

2.04 EXCISE DUTY:

Central Excise Duty if applicable will be paid at the rates prevailing during the contractual delivery period on actual basis. The following certificates shall have to be

furnished along with invoice-cum-gate pass duly signed by 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 of the firm:

- i) Certified that the transaction on which the Central Excise Duty is claimed has been/shall be included in the return submitted/to be submitted to the Central Excise Authorities and amount claimed from the Punjab State Transmission Corporation Ltd. has been/shall be paid to the Central Excise Authorities.
- ii) Certified that the goods on which Excise Duty has been charged have not been exempted under Central Excise Duty rules and that the Central Excise charged on these goods is not more than what is payable under the provision of relevant Act or rules made there under.
- iii) 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 has been received on account of Excise Duty amount paid will be refunded. The benefit/credit of the CED under MODVAT Scheme duly authenticated by the authorities/representatives of the Central Excise Deptt. 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.
Note: - The firm indicating NIL or concessional rate of E.D in their tender will have to absorb E.D. up to the final rate applicable at the time of tendering. The firms which do not agree to this stipulation or indicate E.D. as extra without indicating the applicable rate be loaded with maximum rate of excise duty.

2.05 OCTROI CHARGES:

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

2.06 INSURANCE:

- i) The rates are required to be quoted on F.O.R. destination basis and it is the responsibility of the Supplier to deliver the goods in sound condition F.O.R. destination and for that purpose the Supplier may at his option insure the material against all risks at his own cost during transit for full delivered value of the material up to 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 Contractor for which no extra payment shall be made by the Punjab State Transmission Corporation Ltd. 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 Contractor 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.
- iii) The consignees shall report losses and damages to the firm within 30 days of the arrival of the equipment at the site. It will, however, be Supplier's responsibility to prefer 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/repared by the

Supplier/Contractor free of cost immediately without waiting for maturing of the Supplier's/Contractor's claims 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 at the rate of 12% per annum on the advance payments made by the Punjab State Transmission Corp. Ltd. from the date of the payment up to the date of its re-commissioning of the equipment after replacement/repair or to the date the default is made good.

2.07 DELIVERY SCHEDULE:

The offer should clearly indicate monthly/quarterly schedule of deliveries, date of commencement and completion of supply against that indicated in the Notice Inviting Tender/ Specification which should normally cover period for entire job of manufacture, testing, inspection and supply after acceptance and shall be reckoned from the date of dispatch in case of rail transport and Receipted Challan/Goods Receipt in case of road transportation by Goods Carriers. The Purchase Orders shall be placed strictly on the above understanding. Ex-stock and quicker deliveries may be sometimes preferred.

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 the successful Tenderer to execute within 30 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.

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 the Earnest Money received with tenders shall be converted into Security Deposit. If the amount of Earnest Money received with 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) The Tenderers having permanent deposit of Rs. 10.00 lac with TS organization and hence exempted from depositing Earnest Money with Tenders, shall also be required to submit Security Deposit of 2% of order value in the form of Bank Guarantee within 30 days from the award of Order/Contract.

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

a) Manufacturers/Suppliers of Proprietary items.

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

vi) 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 by an order of the contract-ing/purchasing agencies.

The forfeiture of Security Deposit shall be without prejudice to any other rights arising or accruing to the Punjab State Transmission Corporation Ltd. under relevant provisions of the Purchase Order/Contract, like penalty/damages for delay in delivery including suspension of business dealings with Punjab State Transmission Corporation Ltd. for specific period.

2.10 INTIMATION TO THE AO/CPC 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 AO/CPC, Punjab

State Transmission Corporation Ltd., Patiala to enable him to arrange payment, failing which demurrage, wharf age etc. will be to Supplier's account. A copy of such intimation should be sent to the consignee and Chief Engineer/TS, Shakti Sadan, Punjab State Transmission Corporation Ltd., Patiala-147001 also, for reference, immediately.

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

The Punjab State Transmission Corporation Ltd. deals with the following Banks at Patiala:

i) State Bank of Patiala, The Mall, 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:

100% of the contract value pro-rata for each consignment of operationally complete equipment despatched after approval of inspecting Authority/Test Certificates etc. along with 100% Sale Tax, Excise Duty and other statutory levies as per contract shall be paid within 30 days against receipted challans subject to furnishing a Bank Guarantee of 5% of the amount valid for a period of three months after receipt of the material/equipment in good condition against that consignment. **The payment shall be made through RTGS. For this purpose, following details/documents may be provided to AO/CPC(T), PSTCL, Patiala while entering contract agreement:-**

- i) Name and address of the beneficiary**
- ii) Name and address of the bank**
- iii) Account No. of the beneficiary**
- iv) IFSC code**
- v) Cancelled cheque**

2.13 FORCE MAJEURE:

During the pendency of the Contract/Purchase Order, if the performance in whole/part by either party or any obligation there under, is prevented/delayed by causes arising out of any war, hostility, civil commotion, acts of the 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, acts 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 as penalty charges, a sum of 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 5% of the cost of complete unit of undelivered equipment so delayed. There will be a slack of one month that will not entail any penalty and will not involve any additional financial implication. Delay beyond slack period will attract penalty for the period of delay including slack period.

2.15 NEGLIGENCE 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 or 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 black list or suspend business dealings with the supplier/contractor apart from claiming reasonable compensation & forfeiture of security etc.

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 or 18 months from the date of despatch whichever expires earlier, provided the Purchaser gives prompt written notice of such defects to the Supplier/Contractor. Such replacement shall be effected by the Supplier/Contractor within a reasonable time not exceeding six 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. However this clause shall not be applicable in case of metal halide lamp. The above provision shall equally apply to the material so replaced/repared by the Supplier/Contractor under this clause in case the same is again found to be defective within 12 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 @ 12% per annum on the value of each complete operational unit of equipment beginning from the date of its becoming defective up to date of its recommissioning after replacement/repair.

2.17 INSPECTION OF EQUIPMENT:

a) The Punjab State Transmission Corporation Ltd. shall inspect, examine and test the equipment/material through its official(s) and/or through an out-side agency nominated by Punjab State Transmission Corporation Ltd. 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.

b) CE/TS shall get stage inspection carried out at random at supplier works.

c) The random testing of material in the stores irrespective of the fact whether or not it was inspected before dispatch shall be carried out by Punjab State Transmission Corporation Ltd. and in case of any failure the entire lot shall be rejected at the risk & cost of the supplier.

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 2 Engineers and two technicians so as to fully acquaint them with Design, Testing and commissioning, including fault detection of protection schemes covered in this tender, if so desired by the Purchaser. The period of training shall be mutually agreed upon and all expenses shall be borne by the Purchaser.

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.

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 materials 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.

2.23 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.

2.24 PACKING:

All 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.

2.25 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 (one copy per item) along with the consignment:

- i) Printed pamphlets & catalogues.
- ii) Instruction Books.
- iii) Drawings.
- iv) Any other relevant information

The supplier shall also supply copies of above referred documents to the purchaser as per requirement.

In case the goods have not been inspected/tested at the manufacturer's works by the representative of the Punjab State Transmission Corporation Ltd., 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 Purchase Orders/Contracts executed with this Punjab State Transmission Corporation Ltd. and other Punjab State Transmission Corporation Ltd./Government Department as per "Performance Schedule" attached herewith as 'Annexure-D'.

e) Financial Position:

- i) Balance sheet for the last three years including Trading, Manufacturing, Profit and Loss Account.
- ii) Bank references.

2.27 DESPATCH INSTRUCTIONS:

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

2.28 EXTENSION IN DELIVERY PERIOD:

Any genuine delay in approval of technical details, drawings, issuance of amendment of Purchase Order, conducting inspection and approval of Inspection Test Reports/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. No Extension in delivery shall be granted in case of delay in payment. However, for delayed payments beyond stipulated period as per terms of payment clause, compensation shall be credited @ 0.5% of the payment so delayed per month or part thereof to be adjusted against penalties levied or to be levied subject 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 Patiala only.

2.30 UNDERTAKING:

All the Tenderers are required to give the following undertakings on their letter head with the tender documents:

- i) That they would not pay any commission etc. or engage any commission agent for dealing with Punjab State Transmission Corporation Ltd. in any matter including purchase of equipment etc
- ii) That no officer/official of the Punjab State Transmission Corporation Ltd. 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 Punjab State Transmission Corporation Ltd. 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 SPECIAL INSTRUCTIONS:

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

- ii) Request for extending the due date of tenders will be ignored.
- iii) The tender from direct manufacturer only will be considered.
- iv) No printed general conditions of Sale attached with the tender shall be accepted.
- v) Tenders shall be accepted only from those firms who will submit the cost of tender documents.
- vi) Only indigenous offers or such offers in which no import license is required would be considered.
- 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 detailed and fully dimensioned drawings of the equipment, technical particulars and detailed literature.
- ix) Purchaser reserves the right to modify the schedule of requirement, technical particulars and the specifications at any time 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 the expenses or losses that may be incurred by the tenderer in the preparation of the tenders.
- x) The material offered should be strictly according to the points laid down in this specification. The quotation should also indicate the make of the manufacturer, brand and company and should be accompanied with other technical literature, drawings etc. as required in the succeeding parts of this spec. at the cost of the supplier.

2.33 ARBITRATION:

If at any time any question, dispute or difference, what so-ever, shall arise between the Purchaser/ Punjab State Transmission Corporation Ltd. 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 by a nominee of the Purchaser/ Punjab State Transmission Corporation Ltd., who shall give a reasoned/speaking awards. The award of the Sole Arbitrator shall be final and binding on the parties under the provision of the Indian Arbitration Act, 1996 and the rules there under. Any statutory amendment, modification or re-enactment thereof for the time being in force, 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 Punjab State Transmission Corporation Ltd. and he has expressed his views on all or any of the matters in question of dispute or difference.

b) Upon every or any such reference, the cost of and 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/ Punjab State Transmission Corporation Ltd. shall be with-held on account of such proceedings.

2.34 REQUIREMENT:

The quantity mentioned in this Specification can be increased or decreased at the time of actually placing the order.

2.35 ORDER PREFERENCE

The Punjab State Transmission Corporation Ltd. would allow an order preference to such tenderers whose works are situated within the State of Punjab as per the procedure laid down as under:-

- a) The rate of Punjab firms would be de-escalated by 15% for all the units. For Punjab based firms up to 20% of the total quantity can be reserved provided they fall in the consideration zone after application of price differential. For this purpose the merit

- position of the Punjab firms shall be prepared separately, however, where the Punjab firms qualify amongst the lowest bidders on their own quoted rates, they shall form part of the original quoted list for the purposes of placing orders.
- b) The zone of consideration for placing of purchase order/contract would thereafter 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 whichever may be lower.
 - d) In the event of zone of consideration ending at the deescalated rate tendered by a firm claiming order preference, the rate to be allowed to such firms shall be the next quoted rate by the firm not claiming order preference or the concerned firm's own quoted rate, whichever may be lower.
 - e) The Punjab based firms claiming order preference shall be required to furnish an undertaking in prescribed form (Annexure-B) on a non-judicial stamp paper of appropriate value to the effect that they shall execute the order if placed on them under 'Order preference' as per 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 tender 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 from initiating further administrative action, such as suspending business dealings, blacklisting etc.

2.36 FAKE INSPECTION CALL:

“If the firm does not get the material inspected when the inspecting officer (s) visit their works after receipt of inspection call on one pretext or the other, it will have to bear TA/DA for the journey performed by such inspecting officers (s) which shall be Rs. 15000/- (outside Punjab) & Rs. 5000/- (within Punjab) per visit of inspecting officer (s). Beside the recovery against each fake call, a letter of warning shall be issued and it shall be Rs. 15000/- & Rs. 5000/- per visit of inspecting officer (s) respectively in case the material fails during inspection.

SECTION-II
TECHNICAL SPECIFICATIONS
FOR SINGLE CORE XLPE CABLES

1. SCOPE

This specification covers the design, manufacture, testing and supply of Armoured ISI marked **Single core** 11KV 300mm² size stranded Aluminum conductor, XLPE insulated, PVC sheathed, screened cable in accordance with is: 7098 (part-2) with latest amendments manufactured with CCV/SIOPLAS technology.

2. STANDARD

The cable shall comply with IS: 7098(Part-II)/1985 (with latest amendments/revisions if any). The Aluminum conductor shall be of H2 Grade as per IS: 8130/1984(with latest amendments/revisions if any). The XLPE insulation shall conform to IS: 7098 (Part-2) /1985(with latest amendments /revisions if any) and PVC sheathing will be of PVC compound conforming to the requirements of type ST-II of IS-5831/1984(with latest amendments/revisions if any).

3. SIZE OF CABLE & DELIVERY SCHEDULE

Design, manufacture, testing and supply of Armoured ISI marked single core 11KV 300mm² size stranded Aluminum conductor, XLPE insulated, PVC sheathed, screened cable in accordance with is: 7098 (part-2) with latest amendments manufactured with CCV/SIOPLAS technology (Dry Cure) and & this office specification No.6039. The size & quantity is as under: -

Sr. No.	Size	Qty.
1	1C x 300mm ²	10 Km

DELIVERY SCHEDULE

Entire quantity shall be supplied within 1 month from the date of receipt of P.O. In case the order is divided amongst the firms then the delivery period shall be amended/modified accordingly. However the supply shall be regulated as per requirements of PSTCL.

4. MATERIALS

a. CONDUCTOR

The conductor shall be of stranded construction and of high conductivity H2 grade aluminum of plain wires, conforming to flexibility class as mentioned in Table-2 of IS-8130/1984 (with latest amendments/ revisions if any).

b. CONDUCTOR SCREENING

The cable shall be provided with conductor screening by applying non-metallic semi conducting tape or by extrusion of semi conducting compound or combination of two as per IS-7098 (Part 2)/1985(with latest amendments/ revisions if any).

c. INSULATION

The Aluminum conductor shall be insulated with cross-linked polyethylene insulating compound conforming to relevant clause of IS-7098(Part-2)/1985 (with latest amendments/revisions .if any) in such a way that it fits closely on the conductor screening and it shall be possible to remove it without damaging the conductor. The conductor shall

be insulated by CCV/SIOPLAS technology. The thickness of insulation shall not be less than the nominal value as specified in relevant IS.

d. INSULATION SCREENING

The insulation screening shall consist of two parts, namely metallic and non-metallic part as specified in the relevant clauses of IS: 7098 (Part-2)/1985 (with latest amendments/revisions if any).

e. FILLERS & INNER SHEATH

Fillers & inner sheath shall be of vulcanized or unvulcanised rubber or thermoplastic materials. These materials shall not be harder than XLPE/PVC used for insulation & outer sheath respectively and these shall be so chosen to be compatible with temperature rating of the cable and shall have no adverse effect on any other component of the cable.

The inner sheath on the laid up cores shall be applied either by extrusion or by wrapping and the method actually adopted should be clearly defined in the tender. It shall be ensured that the shape is as circular as possible. Further it should be possible to remove inner sheath without damage to insulation. The thickness of the inner sheath shall be as per the relevant clause of IS-7098 (Part-2)/1985 (with latest amendments/revisions if any).

f. ARMOURING

The cables shall be Armoured as per IS: 7098 (Part-2) /1985 (with latest amendments/revision if any).

g. OUTER SHEATH

The cables shall be provided with outer sheath by Pressure Extrusion Process, of PVC compound conforming to type ST-2 of IS-5831/1984 (with latest amendment/revisions if any). The colour of outer sheath shall be grey & thickness will be as per provisions of relevant IS.

5. IMPULSE LEVEL

The impulse level shall be 75KVp (to be certified by the manufacturer).

6. TESTS

a. ACCEPTANCE TESTS

All the acceptance tests as specified under relevant clause of IS-7098(Part-2)/1985(with latest amendment/revision if any) shall be carried out by the inspecting officer on the samples drawn as per sampling plan stated in IS, from the lot offered for pre-despatch inspection.

In addition to above following type tests shall also be considered as acceptance tests and shall be conducted on any two samples drawn from the lot offered for pre-despatch inspection:-

i)	Shrinkage Test)	For XLPE insulation
i)	Shrinkage Test)	(For outer sheath as per IS: 5831/1984
ii)	Heat shock Test)	with latest amendments/revision if any)
iii)	Hot deformation Test)	
iv)	Thermal Stability Test)	
v)	Flammability Test)	

The lot shall be considered as passed if the test results of both the samples for above tests conform to relevant clauses of IS.

Measurement of Weights of Various Parts of Cables.

The number of samples to be taken for the measurement of weights of various parts, as per GTPs, shall be 50 % of the total no. of samples

b. TYPE TESTS

The cables shall comply with Type Tests as classified under clause-18.1 of IS: 7098(Part-2)-1985 (with latest amendments/revisions if any). Complete Type Tests Certificates from a Govt. approved/Recognized Test House indicating the results of Type tests conducted (before original date of opening of tender) should be enclosed with the tender. Type Tests should be conducted on the tendered item manufactured only at works from where material is to be supplied. Purchaser, however, reserve its right to carry out the Type Tests wherever felt necessary at firm's cost.

From the total qty. of purchase order from either lot , one no. sample of cable manufactured/offered for inspection to PSTCL shall be sealed for complete type testing at CPRI, Bangalore/ Independent reputed test house to verify the compliance with the specification and to reject the cables, in case, they are found to be deficient in any respect. For such testing, the test charges of CPRI shall be borne by the supplier. It shall, be the responsibility of the supplier to deliver the samples, selected and sealed by the purchasers representative at CPRI, Bangalore/reputed test house. The payment of material shall be linked with receipt of satisfactory test report from the CPRI/Independent reputed test house.

c. ROUTINE TESTS

The manufacturer shall carry out/conduct routine tests as specified in relevant IS on the cables manufactured before pre-despatch inspection.

d) OTHER TESTS

Any other tests becoming necessary with the amendment in relevant IS or otherwise agreed between the Supplier & Purchaser shall also be carried out without any extra financial burden upon the purchaser.

7. IDENTIFICATION

The word 'PSTCL' and manufacturer's trade mark or name, size in mm², voltage rating and word 'ELECTRIC' in English shall be embossed on the outer sheath of the cable at regular intervals of not more than 1.5 metres, as may be convenient.

The cores shall be identified as per relevant IS.

8. PACKING & MARKING

8.1 PACKING

The cable is required to be supplied in standard lengths of 500 B Mtrs. The length shall be supplied in non-returnable standard wooden drums provided with cast iron bushing painted form outside with suitable paint of any colour. The drums should be such that the cable wound on the same is transported without any damage.

8.2 MARKING

The following particulars shall be specified clearly with indelible ink or paint on each drum :-

- a) Length of drum
- b) Name of manufacturer, Brand Name & Trade Mark
- c) Gross weight of drum
- d) Size of cable in mm²
- e) No. of cores.
- f) Type of cable and voltage rating
- g) ISI certification mark
- h) Cable code
- i) No. of lengths in drum (if more than one)
- j) Direction of rotation of drum
- k) Year of manufacturing

9. TOLERANCE

9.1 TOLERANCE ON PACKING

The standard drum length may have tolerance of $\pm 5\%$.

9.2 TOLERANCE ON ALLOTMENT TO CONSIGNEES

A tolerance of + 5% is permissible on the quantities allotted to each consignee.

9.3 TOLERANCE ON EXECUTION OF ORDER

A tolerance of $\pm 2\%$ will be allowed on the total ordered quantity for recording completion of order.

9.4 NON-STANDARD LENGTH

Non-standard lengths less than 100 M shall not be acceptable.

10. INSPECTION

The material offered for supply will be inspected by a fully authorised representative of the PSTCL within two weeks from the date of receipt of intimation regarding readiness of the material. No material will be allowed to be despatched without prior inspection and approval. In case, inspection of any consignment is waived off, then the supplier will be required to furnish routine & acceptance test certificates in triplicate, of the same for approval. It will be the responsibility of the supplier to make adequate arrangement for testing of material at their works. All testing instruments and appliances duly calibrated from Govt. Recognised test house will be made available and material consumed/ destroyed during testing will be to the account of the supplier. The purchaser has the right to have the tests carried out by independent test house/laboratory/agency whenever there is a dispute regarding the quality of material, cost of which shall be borne by the supplier.

The material shall be sealed with lead seals and lash wire to be provided by the firm. Random testing of material on receipt in the stores irrespective of fact whether or not it was inspected before despatch, shall be carried out by PSTCL and in case of failure, entire lot shall be rejected at the cost and risk of supplier.

11. CHECK MEASUREMENT OF CABLE LENGTHS

The supplier will provide necessary arrangements for checking of lengths at his own cost to the Inspecting Officer. Out of total quantity of drums offered for inspection at least 3% drums will be checked for length in the lot offered. In no case, less than one drum shall be checked in the lot offered.

At the time of inspection at the works of supplier if any shortage for the declared length of cable is noticed in the drum(s) under check measurement, maximum shortage so detected will be applied to all the drums offered for inspection and declared quantity will be reduced accordingly. This is further subject to verification at consignee's end

12. LENGTH CHECKING BY CONSIGNEES

Consignee, on receipt of material, may check the cable lengths. If any shortage from declared length is noticed, the same shall be reported immediately by the consignee to the supplier under intimation to all concerned. On receipt of such intimation, Dy. Chief Engineer/TS (D), PSTCL, Patiala shall fix a date & time for joint verification under intimation to the supplier & all concerned.

The length of cable shall be checked in the presence of firm's representative at Destination Station. If the representative of the firm does not happen to be present at Destination Station for joint verification on the specified date and time so fixed, then the purchaser/representatives of PSTCL shall be at liberty to do joint verification in the absence of firm's representative and shortages, so detected/noticed shall be intimated to the firm. The maximum shortage detected in a particular drum shall be applied on the full consignment.

In case shortages, in a particular lot supplied to various consignees, are also noticed by different consignees, the above procedure shall be followed for joint verification by each & all such consignees. The maximum shortages detected in a particular drum by any of the consignees shall be applied to the entire lot of cable supplied to various consignees.

In case of repeated shortages, the firm shall be liable to be blacklisted. This is without prejudice to the other rights arising/accruing to the purchaser under various clauses of tender specification & Purchase order-cum-contract agreement if placed any.

13. SCHEDULE OF GUARANTEED TECHNICAL PARTICULARS

Tenders must supply the detailed guaranteed technical particulars as per Annexure-A, Tenders of those suppliers who do not supply the requisite details along with their tender are liable to be rejected.

14. ISI MARK

The tenderers must supply photocopy of valid ISI licence, indicating item for which it has been issued (valid on original date of opening of tender) along with their tender failing which their price bid will not be opened. The above license should preferably be valid during the validity of the offer also. In case, the license is expiring within the validity period of the offer, it will be the responsibility of the bidder to get the same re-validated from time to time.

The material quoted should be in use with atleast two utilities upto their satisfaction (proof to be attached).

15. AUTHORISED SIGNATORY

Tender must bear Full/Complete signatures of a person authorized as per constitution and composition of the firm. Authenticating documents to prove authority of signatory (Legal power of attorney in favour of signatory) must be attached with the tender. Name and Designation of the so authorized signatory must be indicated with each signature. It may be noted that in case signatures do not tally or differ, such signatures shall not be considered authentic.

All the correspondence with PSTCL shall also bear signature of the so authorized signatory, in this manner. Any correspondence with improper signatures shall not be entertained.

16. IMPORTANT INSTRUCTIONS:-

(a) A layer of water proof paper shall be supplied the surface of the drums and outer most cable layer.

(b) A suitable clear space shall be left between the cable and logging.

(c) Each drum shall carry its serial No. manufacturer's name, Purchaser's name, address and purchase order No. & type, size & length of the cable, net & gross weight, stenciled on both sides of the drum. A tag containing the same information shall be attached to the leading end of the cable. An arrow and suitable accompanying wording shall be marked on one end of the reel to indicate the erection in which it should be rolled.

(d) Packing should be sturdy & adequate to protect the cables from any mishandling or other conditions encountered during transportation, handling & storage.

(e) Both ends of the cables shall be sealed with PVC/rubber caps so as to eliminate the ingress of water during transpiration & erection.

ANNEXURE- I

SCHEDULE OF REQUIREMENT & DELIVERY

<u>Tender Enquiry No. & Year</u>	<u>Brief Description of material & Qty.</u>
STQ 6039 / 2015-16	Manufacture, testing and supply of Armoured ISI marked Single Core 11KV 300mm ² size Stranded Aluminum conductor, XLPE insulated, PVC sheathed, Screened cable in accordance with IS: 7098 (part-2) with latest amendments manufactured with CCV/SIOPLAS technology for the following sizes & quantity:- Single Core 300mm² size = 10KM (10 KMs only)

DELIVERY:

“Entire ordered quantity shall be supplied within 1 month from the date of receipt of P.O. In case the order is divided amongst the firms then the delivery period shall be amended/modified accordingly. However the supply shall be regulated as per requirements of PSTCL.

ANNEXURE-II

GUARANTEED TECHNICAL PARTICULARS (SINGLE CORE 11KV XLPE CABLES)

- 1.a) Name of Manufacturer:
- b) Place of Manufacture:
2. Voltage rating:
3. Standard applicable
4. ISI License No & its validity
5. Type of cable
6. Brand Name
7. **Conductor**
 - a) Material & Grade
 - b) No/Minimum cross sectional area of cores (No/mm²)
 - c) Shape of conductor
 - d) Min. No. of wires & nominal size of each wire(mm) (before stranding)
- 8.A) **Insulation**
 - a) Material
 - b) Minimum Thickness (mm)
- 8.B) **Insulation screening**
 - i) Non Metallic part
 - a) Material
 - b) Minimum Thickness (mm)
 - ii) Metallic part
 - a) Material
 - b) Minimum Thickness (mm)
9. **Inner sheath**
 - a. Material
 - b) Minimum Thickness (mm)
 - c) Whether inner sheath provided by Extrusion/wrapping process
10. **Outer sheath**
 - a) Material
 - b) Minimum thickness (mm)
11. Standard drum length (Meters) with $\pm 5\%$ tolerance
12. Max .D. C. resistance at 20 °C (ohm/km)
13. Minimum Volume resistivity of insulation at
 - i) 27°C (ohm –cm)
 - ii)90°C (ohm-cm)
14. Certified Impulse level.(KVp)
15. Detail of curing process
16. Dielectric loss in watts/KM

17. Partial discharge extinction level.
18. Continuous current rating of cable (Amp.) in ground at 20°C.
19. Short circuit rating for 1 sec. (KA)
20. Approx. over-all dia. of cable with ± 2 mm tolerance (mm).
21. Minimum Wt. of Aluminium per KM (Kg.)
22. Minimum Weight of XLPE insulation per KM (Kg).
23. Minimum Weight of PVC outersheath, inner sheath & fillers, per KM (Kg.).
24. Minimum Weight of cable per KM (Kg.).
25. Minimum gross Weight of packed drum (Kg.)

Authorized Signatory,
Seal of the Company.

SECTION-III

PRICE SCHEDULE

1. QUOTED QUANTITY SIZE WISE(in KM):
2. Quoted Ex-works Variable price(base date 1.05.15) material inclusive of Packing cost forming part of production cost etc.
3. Rate of E.D. applicable on quoted Ex-works **Variable** price (at Sr.No.2) including cess if applicable.
4. Rate of CST as applicable
5. Freight and transit insurance charges
6. Any other duty
7. Total (Sr. no 2+3+4+5+6)
9. Quoted price F.O.R. Destn. (Sr. no 7)
10. Delivery.
11. Validity.
12. Any other information considered necessary by the bidder.
13. Discount if any.

Date:
Place:

Signature of the Tenderer
Name:

IMPORTANT NOTES

- i) Please read carefully Clause “ PRICES” of General Terms & Conditions of Section-I.
- ii) Prices must be quoted F.O.R. Destn. failing which the offer is likely to be rejected.
- iii) No Taxes & Duties shall be payable on the element of cost quoted at Sr. No.2 above.
- iv) (a) No over-all discount shall be indicated on the quoted prices. However quantity/payment discount can be given in the main tender. Any discount on quoted prices or discount offered after opening of tender will lead to rejection of tender.

(b) The above Performa should be filled by the tender duly typed. Hand written prices shall not be accepted.

- v) (a) If the any firms intends to supply the material/equipment from different works , then the unit FOR rates should be the same for all the works so that there is only one merit position irrespective of location of works. The offer of the firm with different FOR rates for different works shall be rejected.
- (b) There should be only one option relating to technical/commercial specification, so that FOR Destination rate is one. Any offer with multiple options shall be rejected.

SECTION-IV

SCHEDULE OF COMMERCIAL DEVIATIONS

All deviations and exceptions in respect of commercial clauses to the tender specification shall be clearly brought out by the tenderer as per the format given here under. The details shall be exhaustive in all respect.

Sr.No.	Clause	Page No. of tender spec.	Exceptions & Deviations from the tender spec.	Remarks
---------------	---------------	-------------------------------------	--	----------------

Certified that the above listed deviations and exceptions are exhaustive and the contract shall be executed as per the tender specifications except for the above deviations and exceptions in the event of placing an order on us.

Date :

Place :

For M/s

Signature
(By its constituted
Attorney).
Seal

SECTION-V
SCHEDULE OF TECHNICAL DEVIATIONS

All deviations from Technical Clauses shall be clearly brought out by the tenderer as per the format given hereunder:-

The details shall be exhaustive in all respects.

Sr.No.	Clause	Page No. of tender spec.	Exceptions & Deviations from the tender spec.	Remarks
---------------	---------------	-------------------------------------	--	----------------

Certified that the above listed deviations and exceptions are exhaustive and the contract shall be executed as per the tender specification, excepting for the above deviations and exceptions in the event of placing an order on us.

Date :

Place :

For M/s

Signature
(By its constituted
attorney).
Seal.

SECTION-VI

SCHEDULE OF PAST SUPPLES

SR. No.	P.O.No. & Date	Qty ordered	To whom supplied	Date of supplies as per PO	Actual date completion

Signature

SECTION-VII

UNDERTAKING FORM

TO BE ENTERED ON A NON-JUDICIAL STAMPED PAPER OF RS.15/- ONLY)

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 our tender No. _____ dated _____ we undertake to execute the order/contract if placed/awarded on to us ever by counter offer at the rates worked out by PSTCL in accordance with its Purchase Regulations. It is further understood that in the event of refusal by us or failure on our part to execute the order/contract (full or part) placed/awarded on to us under “ Order Preference” on any account whatsoever, the PSTCL shall have the right to forfeit the earnest money deposited by us and we shall have no claim for the refund thereof. The PSTCL shall also have the right to suspend business dealing with us and to blacklist our firm without prejudice to other rights accruing to the PSTCL under the Purchase Order/Contract if paced/awarded on to us.

**Signature of
Constituted attorney.**

SECTION-VIII

PEFFORMANCE SCHEDULE

(SEPERATELY FOR BIDDER AND COLLABORATOR)

Sr.No.	Size & Brief description of equipment	Order No. & date	Name of Purchaser	Qty. KM.	Value	Date since the material supplied are in service	Remarks.
1.	2.	3.	4.	5.	6.	7.	8.

Dated:

Signature:
Name:
Status:
Whether authorized
attorney of the
Tendering co.
Name of Tendering
Company.

Section-IX
List of Directors

Name and addresses of the Directors

Sr. No.	Name of Director	Address	Telephone No.	PAN No.

Turn over of the firm for the last 3 years.

Sr.No.	Year	Amount (In Crores)
1		
2		
3		

Date :

Place:

Signature of Tenderers
Seal.

SECTION-X

PERFORMA FOR ELICITING INFORMATION FOR APPRAISAL OF FIRM'S CAPABILITY AND CAPACITY TO MANUFACTURE ITEM(S) EQUIPMENT AS PER REQUIREMENTS OF PSTCL TENDER ENQUIRY No. STQ 6039.

1. (A) Name of the Tendering Firm:
 - i) Complete Address of the office:
 - ii) Telegraphic Address
 - iii) Telephone Number
 - iv) Telex number(B) Name of the two Responsible Persons:
 - i) Officer with Designation
(Managing Director/Partner/
Chief Engineer/Works Engineer etc.)
 - ii) Day on which weekly holiday is
Observed in the office(C) Complete Address of the Works:
 - i) Telegraphic Address
 - ii) Telephone Number
 - iii) Telex number
 - iv) Name of the two Responsible Persons
With Designation (Managing Director
Partner/Chief Engineer/Works Engineer etc.)
 - v) Day on which weekly holiday is observed
2. NAME , ADDRESS & TELEPHONE NO. OF TWO REFERENCE HAVING
FACILITIES OF P&T TELEPHONE
 - i) Name
 - ii) Address
 - iii) Telephone No.
3. CONSTITUTION OF THE FIRM:
 - i) Private or Public Ltd.
 - ii) Registered under the Companies Act
Or any other act , giving registration
No. & date
 - iii) Year of establishment
4. FINANCIAL POSITION
 - i) Land (Area & Value)
 - ii) Building(Cover & Value)
 - iii) Plant & Machinery
 - iv) Total Drawing Limit from Bank
 - v) Annual Financial Turn Over (duly
Audited for the last two years)
 - vi) Latest Income Tax Clearance Certificates
5. MAN POWER

- i) Graduate Engineer(s)
 - ii) Diploma Holders
 - iii) Skilled Workers
6. Production capacity per month of the item covered in your quotation and justification for assessment;
- i) Detail of Plant & machinery installed
(Please attach separate sheet, if necessary)
 - ii) Detail of Raw Material
 - iii) Stock in Hand
 - iv) Source of Raw Material
 - v) In case, any Raw Material are required to
Be imported, indicate arrangement for procurement
 - vi) Quality Control exercise in procurement of its material
7. a) Detail of manufacturing process
- b) Scheme of quality control
- i) During manufacturing
 - ii) At the finish stage
 - c) Whether any record is being maintained in respect of
Quality Control exercise.
8. DETAILS OF TESTING FACILITIES AVAILABLE WITH THE FIRM.
INFORMATION MAY BE SUPPLIED IN THE ENCLOSED PERFORMA
9. DETAIL OF ORDER EXECUTED/ UNDER EXECUTION DURING TE LAST
THREE YEARS
- a) with PSTCL
 - b) Other State Electricity Boards/State Govt./
Govt of India and their institutions/undertakings
 - c) Other important customers.
10. a) Whether the items are on Punjab Govt.
DGS & D/Central Govt. approved rate contracts
(attach copies of rate contract)
- b) Whether the firm is licensed to use ISI mark or
any other Govt. quality mark (copies of latest test
certificates issued by Govt. laboratories and
recognized test houses)
- c) Whether items offered conforms to ISS or any other
internationally recognized standards, if so give reference

Signature of authorized
Signatory of the firm with stamp

- Note: 1. Please attach additional sheets with stamps where required.
2. Copies of documents attached with the Performa should be attested by
firms authorized person with stamp mark of the firm.
3. Detail of documents submitted shall be marked with page no. and index
may be submitted accordingly.

SECTION-XI

SCHEDULE OF GENERAL INFORMATION (TO BE FILLED BY THE TENDERER)

1. Name, address & telephone nos of manufacturer/Principals -----
2. PAN No.& proof of filling income tax return for last 3 years of manufacturer/Principals -----
3. Name & address of supplier/firm/ company -----
4. PAN No. & income tax return for last 3 years of supplier/firm/company -----
5. Name,address & telephone no. of Director/Partners/propritors. -----
6. PAN No. & proof of filling income tax return for last 3 years of Director/Partners/propritors. -----
7. Telegraphic address -----
8. Turnover of the firm for the last 3 years. -----
9. Bank references -----
- 10 Testing facilities available at works for routine & acceptance tests (furnished details of testing equipment) -----
- 11.Name of works Manager/Managing Director -----
- 12.Telephone no. of the office at manufacture works/supplier to whom reference should be made for expeditious technical co-ordination. -----
- 13.Whether holding ISI Licence,if yes,enclose photostat copy. -----
14. Whether the material carries state quality mark, if yes, enclose photostat copy. Yes/No
15. Memorandum and Article of Association of (P) Ltd., or Public Ltd., company/partnership deed in case of partnership firm (To be attached)

DATED _____

SIGNATURE OF TENDERER
NAME _____
DESIGNATION _____
SEAL OF FIRM _____
COMPANY: _____