



TRANSMISSION CORPORATION OF TELANGANA LIMITED

Website: transco.telangana.gov.in. CIN No. U40102TG20148SGC094248

From
The Chief Engineer /P&MM,
Room No.-207, B-Block,
TSTRANSCO,
Vidyut Soudha,
Hyderabad – 500 082.

To
M/s. Punjab Communications Ltd.,
(PUNCOM), B-91, Phase-VIII,
Industrial Area, S.A.S.Nagar,
(Mohali) – 160 071.

P.O.No.168 –PMM/2018/CE/P&MM/SE/P&MM/DE31/F. TSPMM31-41/2017(PLCC)/D.No.100/18,
dt.12 -07-2018.

Sirs,

Sub:- TSTRANSCO - P&MM – Telecom - Tender Specn. No. TSPMM31-41/2017 - Supply, Erection & Commissioning of PLCC and associated equipment – Detailed Purchase Order - Issued - Reg.

Ref:- 1. Tender Specn. No. TSPMM31-41/2017.
2. Your offer on e-platform against Specn. No. TSPMM31-41/2017.
3. Final Revised price letter of M/s.PUNCOM PMK-FI-4.2942-01, Dt.03.05.2018.
4. LOI.No.CE/P&MM /SE/P&MM/DE-31/F.TSPMM31-41/2017(PLCC)/D.No.52 /18, Dt. 24 -05-2018.
5.Your LOI acknowledgement vide Lr.no. PMD-F1 – 4.6033-01, dt.25.05.2018.

I, acting for and on behalf of TRANSMISSION CORPORATION OF TELANGANA LTD., (herein after called the "TSTRANSCO" or "the purchaser") accept your offer vide ref 2nd cited, read with your letter 3rd cited, for supply, erection & commissioning of PLCC and associated equipment for the revised quantities, as per the provision for quantity variation vide clause no 34 (Section III, GTC) of tender specification 1st cited as detailed under clause (2) below as per Tender Specn. No. TSPMM31-41/2017 and with the terms and conditions set out in this order. This order is issued in confirmation of the LOI cited under ref.(4) and accepted by you vide ref(5) cited.

1) SCOPE OF CONTRACT: -

This contract relates to the supply, erection & commissioning of PLCC and associated equipment detailed under clause (2) below and covers design, manufacture, testing before dispatch, delivery F.O.R. destination.

2) SCHEDULE OF MATERIALS AND PRICES: Supply, erection & commissioning of PLCC & associated equipment as detailed in Annexure – I

Sl. No.	Description	Total Amount (in Rs.)
1	Supply, Erection & Commissioning of PLCC and associated equipment including all Taxes (details in Annexure – I)	9,20,98,033.00
	Total Package value	9,20,98,033.00
(Rupees Nine Crores Twenty Lakhs Ninety Eight Thousand and Thirty Three only)		

- 2.1 The Prices accepted above are FIRM during the process of the contract and until the warranty period is completed.
- 2.2 The prices accepted above are inclusive of Freight, Insurance and GST.
- 2.3 The above prices are inclusive of unloading charges at destination stores.
- 2.4 M/s. Puncom Ltd is responsible for all the Taxes applicable on this contract.

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2.5 Income Tax, other taxes if any, will only be towards the supplier's account and would be recovered from the supplier bills for arranging payment as directed by the concerned department.

2.6 **STATUTORY VARIATION:** It is the responsibility of bidder to consider the correct rates of the taxes leviable on the equipment/material/work at the time of bidding. After considering the correct rates of taxes only the bidder shall quote the prices.

Any variation up or down in statutory levy or new levies introduced after tender calling date under this specification will be to the account of TSTransco, provided in cases where delivery schedule is not adhered to by the contractor/manufacturer and there are upward variation/revision after the agreed delivered date the contractor/manufacturer will bear the impact of such levies and if there is downward variation/revision the TSTransco will be given credit to the effect.

In case of bought out items statutory variation shall not be applicable on that taxes and duties. For this purpose bought out items means the material/equipment not manufactured by the bidder i.e. statutory variation will be applicable on taxes and duties involving direct transaction between bidder and TSTransco only and not for the taxes and duties between the bidder and his sub vendors.

2.7 The Purchaser reserves the right to vary the order quantity by +/- 50% during execution of the contract.

3) **DELIVERY:-** Delivery Schedule details are indicated in Annexure- II.

4) **FREIGHT & TRANSIT INSURANCE:** Insurance will be arranged by the supplier to cover transit risks and 45 days storage cover at site. The insurance will be in an amount equal to 100% FADS value of equipment on all-risks basis. The policy will have a provision for extension to cover further storage if necessary at destination stores/site at TSTRANSCO cost.

5) **DESPATCH INSTRUCTIONS:-**The Dispatch instructions for the equipment will be issued separately after inspection.

6) **PERFORMANCE SECURITY:**

6.1 The Bank Guarantee furnished by you for **Rs.92,09,803/-** towards performance security for an amount equal to 10% of the contract value for proper fulfillment of the contract, includes the warranty period, and completion of performance obligations including warranty obligations. The performance security will cover 60 days beyond the date of completion of performance obligations including warranty obligations.

6.2 In the event of any correction of defects or replacement of defective material during the warranty period, the warranty for the corrected / replaced material will be extended to a further period of 12 months and the Performance Bank Guarantee for proportionate value will be extended 60 days over and above the extended warranty period.

The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to fulfill its obligations under the Contract.

7) **TERMS OF PAYMENT:-**

i) a)80% payment towards the equipment cost will be arranged within 45 days for the material/equipment supplied in complete shape subject to their delivery as per the schedule of work and on its receipt in good condition at the destination / stores in good condition (i.e., from check measurement date in Form-13), on submission of the following documents. The Bank Account details of the supplier are as defined below for electronic transfer of payment.

- i) Contractor's detailed invoice (6 copies)
 - ii) Delivery Challan Acknowledged by the consignee
 - ii) Test certificate approval
 - iii) Copy of Insurance policy certificate
 - iv) Manufacturer's/ Supplier's warranty certificate
 - v) Copy of Acceptance Letter of Performance Security issued by Purchaser.
- b). 10% payment toward equipment cost will be made after erection of equipment/ material on prorata basis against submission of invoice.
- c) Balance 10% payment towards equipment cost will be made along with the total erection & commissioning charges after commissioning of equipment / material, duly certified by concerned Divisional Engineer/Telecom on prorata basis against submission of invoice.
- ii) The supplier's Bank details are as detailed below for RTGS payment (Real Time Gross Settlement):
 - 1) Name of the Bank : INDUSIND Bank Ltd
 - 2) Branch Address : SCO No.53-54, Sector-8, Chandigarh – 160 018
 - 3) Branch code : 0014
 - 4) City : Chandigarh
 - 4) Account No : 650001466421
 - 5) MICR Code : 160234002
 - 6) IFSC No. : INDB0000014
 - 7) PAN No. : AAACP9916H
- iii) The supplier should invariably submit test certificates and other documents that the purchaser specifies, before dispatch is made so that they can be checked and approved well before it is dispatched and due for payment. The performance guarantee to be executed in accordance with the clause (6) will be furnished on a stamp paper of value Rs. 100/-. The B.G will be extended if required suitably, in accordance with the provisions of clause (38) of specification.
- iv) If the supplier has received any over payments by mistake or if any amounts are due to the TSTransco due to any other reason, when it is not possible to recover such amounts under this purchase order, the TSTransco reserves the right to collect the same from any other amount and / or Bank Guarantees given by the company due to or with the TSTransco.
- v) When the supplier does not at any time, fulfill his obligations in replacing / rectifying etc. of the damaged / defective materials in part or whole, promptly to the satisfaction of the TSTransco Officers, the TSTransco reserves the right not to accept the bills against subsequent dispatches made by the supplier and only the supplier will be responsible for any demurrages, wharfages or damage occurring to the consignments so dispatched.
- vi) Payments will be made by RTGS. The contractor has to furnish requisite details for establishing RTGS. Once RTGS system is established, the bank account details submitted are final and cannot be changed till completion of the contract. An amount of Rs. 50/- will be recovered from the bill amount for each disbursement on LOA raised by unit officers towards RTGS.
- 8) CURRENCY OF PAYMENT: All payments will be made in non-convertible Indian Rupees.
- 9). WARRANTY:

The equipment shall be guaranteed for satisfactory performance for a period of 18 months from the date of receipt of goods in the departmental stores in good condition. During this period, if the equipment is found defective it shall be replaced or repaired by you free of all costs to the TSTransco within 30 days, which shall in no circumstances be more than the delivery period indicated in this order.

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In the event of any correction of defects or replacement of defective material during the warranty period, the warranty for the corrected / replaced material will be extended to a further period of 12 months and the Performance Bank Guarantee for proportionate value will be extended 60 days over and above the extended warranty period.

The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to fulfill its obligations under the Contract.

10) **RESPONSIBILITY OF THE SUPPLIER FOR LOSS OR DAMAGE:**

The supplier is responsible for the safe delivery of the goods in good condition at the destination stores. He should acquaint himself of the conditions prevailing for handling and transport of the goods to the destination and shall include and provide for security and protective packing of the goods so as to avoid damage in transit.

- 11) **PACKING:** The supplier will provide such packing of the Materials / equipment as is required to prevent their damage or deterioration during transit to their final destination, as indicated technical specification. The packing will be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing case size and weights will take into consideration, where appropriate, the remoteness of the Materials / equipment final destination and the absence of heavy handling facilities at all points in transit.

12) **INSPECTION:**

- (i). The accredited representative of the TSTRANSCO have access to you or your sub-contractor's works at any time during the working hours for the purpose of inspecting the materials during manufacture of the plant and equipment and testing, and may select samples from the materials going into the plant and equipment. You shall on such occasions provide proper and adequate facilities for testing the selected samples at any time. The final acceptance tests and routine tests shall be conducted in the presence of TSTransco's representative who will be deputed for the purpose.

The program of inspection is to be intimated to the TSTRANSCO with 30 days prior notice for acceptance tests. The goods shall not be dispatched until such inspection is conducted or waived in writing and followed by dispatch clearance communicated by the purchaser in writing.

- ii) The acceptance of any quantity of materials will in no way relieve the supplier of its responsibility for meeting all the requirements of this specification and will not prevent subsequent rejection if such materials are later found to be defective.
- iii) Should any inspected or tested materials / equipment fail to conform to the specification, the Purchaser may reject the materials and supplier will either replace the rejected materials or make alterations necessary to meet specifications requirements free of cost to the Purchaser.
- iv) Inspection will be conducted on 20% of the quantities offered for inspection. Samples will be collected at random to establish that the guaranteed technical parameters are as per the submitted bid by the supplier. In the case of non-adherence, the purchaser may take suitable action on the supplier including cancellation of vendor registration and banning further dealings, depending on the gravity of the deviation.

13) **TESTS AND CERTIFICATES:**

Three copies of the test certificates containing the results of all the tests including acceptance and routine tests carried out shall be forwarded to Chief Engineer / P&MM and got approved before the presentation of the bills for payment.

The manufacturer's test certificates shall be submitted immediately after the acceptance tests are conducted and got approved before the equipment is dispatched.

- 14) **GUARANTEED TECHNICAL PARTICULARS AND DRAWINGS:**
GTPs and Drawings furnished by the supplier were approved vide Lr.No.CE/P&MM /SE/P&MM/DE-31/F. TSPMM31-41 /2017(PLCC)/D.No. 64A /18, Dt.14-06-2018 with certain remarks.
- 15) **GENERAL CONDITIONS OF CONTRACT:**
Except in so far as it is provided otherwise in this contract, you shall abide by the terms and conditions indicated in the Tender Specification No. TSPMM31-41/2017 which includes the TSTransco's General Terms and conditions of contract' enclosed to the ref (1). "Except as specifically accepted in this order the terms and conditions mentioned in your quotation under reference are not accepted".
- 16) **RISK:**
The risk in the property is entirely yours till the goods are received in good condition at destination stores as certified by the consignee.
- 17) **PENALTY FOR DELAY IN SUPPLIES:**
The time for and the dates for delivery mentioned in the contract will be deemed to be the essence of the contract. Subject to force majeure clause No.18, if the supplier fails to deliver any or all of the Materials / equipment or fails to perform the Services within the period (s) specified in the Contract, the Purchaser will, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to 0.5% per week on the undelivered portion subject to a maximum of 5% of the total value of the contract. Once the maximum is reached the Purchaser may consider termination of the contract.
- The Check measurement date in Form-13 i.e., date of receipt of materials at destination stores in good condition will be taken as the date of delivery. Materials / Equipment which are not of acceptable quality or are not conforming to the specification would be deemed to be not delivered. For penalty, the number of days would be rounded off to the nearest week and penalty calculated accordingly.
- The penalty specified above will be levied and would be adjusted against subsequent pending bills.
- 18) **FORCE MAJEURE:**
The Supplier will not be liable for forfeiture of its performance security, penalty for late delivery, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- For purposes of this clause, "Force Majeure" means an event beyond the control of the supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not restricted to, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- If a Force Majeure situation arises, the supplier will promptly notify the Purchaser in writing of such condition and the cause thereof. Unless or otherwise directed by the Purchaser in writing, the Supplier will continue to perform its obligations under the Contract as far as is reasonable in practice, and will seek all reasonable alternative means for performance not prevented by the Force Majeure event. No price variance will be allowed during the period of force majeure.
- 19) **CORRESPONDANCE:** Your acknowledgement to this order and any correspondence, general or technical in nature shall be addressed to the Chief Engineer/P&MM/ TSTransco/Vidyut Soudha, Hyderabad-500082.

All correspondence regarding dispatch and payment shall be addressed to the consignee under intimation to The Chief Engineer /P&MM, Vidyut Soudha, TSTransco/Hyderabad-82.

- 20) **COMPLETENESS OF CONTRACT:** All minor accessories that are normally necessary for satisfactory and efficient operation of the equipment shall be supplied by you free of cost to the TSTransco, whether these are specifically mentioned or not in the specification, your tender schedules or in this Purchase Order and the equipment shall be complete in itself.
- 21) **OPERATION AND MAINTENANCE MANUALS:** One set of Manuals consisting of operating instructions, programming schedules and approved drawings for each of the equipment shall be supplied in the package along with respective equipments at the time of dispatch. They shall contain clear instructions on erection, commissioning and maintenance for the guidance of operating staff. Any items requiring the special attention of the Operation Engineer shall be highlighted.

22) **TRAINING OF ENGINEERS:**

The supplier shall be required to provide facilities for imparting training at no extra cost to at least 3 No.s Engineers to be nominated by the purchaser for a period of at least one week for PLCC equipment at the works where respective equipment offered are manufactured. Special stress shall be given so as to ensure that the trained engineers acquire proficiency in erection, commissioning, modulation level adjustment and fault isolation and trouble management in the PLCC equipment and 48V power supply system. The bidder shall note that these trained engineers of the purchaser would be required for undertaking the erection, commissioning and O & M of the equipment while execution of the 400 KV, 220 KV & 132 KV transmission line works.

If the equipment offered is being designed and manufactured in collaboration with any other manufacturer, the bidder shall provide for training of engineers at collaborators works.

In case of training at supplier's/collaborator's works, the to and fro travel expenses in respect of the trainees shall be borne by the purchaser. The bidder shall however provide suitable lodging and boarding facilities as well as transportation to the place of training for the trainees.

Period and program of training shall be mutually discussed and finalized by the purchaser with the bidder.

23) **TERMINATION FOR DEFAULT:**

- 23.1) The purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Supplier, may terminate this Contract in whole or in part:
- i. If the supplier fails to deliver any or all of the Materials / equipment within the period(s) specified in the Contract, or within any extension thereof granted by the Purchaser.
 - ii. If the supplier fails to perform any other obligations under the contract.
 - iii. If the supplier, in the judgment of the purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the contract.
- 23.2) In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner, as it deems appropriate, materials/equipment or services similar to those undelivered, and the supplier will be liable to the purchaser for any excess costs for such similar materials/equipment or services. However, the supplier will continue performance of the contract to the extent not terminated.

24) TERMINATION FOR CONVENIENCE:

a) The Purchaser, by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination will specify the termination is for the Purchaser's convenience, the extent to which performance of the supplier under the Contract is terminated, and date upon which termination becomes effective.

b) However the materials/equipment that are complete and ready for shipment within Thirty (30) days after the suppliers receipt of notice of termination will be accepted by the purchaser at the contract terms and prices.

25) JURISDICTION:

All and any dispute or differences arising out of or touching this order will be decided by the courts or tribunals situated in Hyderabad or Secunderabad only. No suit or other legal proceedings will be instituted elsewhere.

26) ACKNOWLEDGEMENT: Please acknowledge this order soon on its receipt by returning the extra copy of the order enclosed, duly signing it with date in token of acceptance.

Encl: Annexures. I & II

Yours faithfully,

Sd/-

Chief Engineer/P&MM
(Acting for and on behalf of TSTRANSCO).

"WE ACCEPT THE TERMS AND CONDITIONS STIPULATED IN THIS P.O."

Signature of the Contractor with seal

Copy to the:

Executive Director/Finance/ TSTransco/Vidyut Soudha/Hyderabad.

Pay Officer/TS TRANSCO/Vidyut Soudha/ Hyderabad

SAO/ P&A/ TSTransco/Vidyut Soudha/Hyderabad.

FA&CCA/ACCOUNTS/TSTransco/Vidyut Soudha/Hyderabad.

SE/OMC/Metro-Central /Hyderabad /TSTransco/NIMS GIS/Erramanjil/Hyderabad.

Superintending Engineer/Telecom/TSTRANSCO /132/33KVSS Opp. to Court Jagityala road, Karimnagar-500501.

Superintending Engineer/Telecom/Metro/TSTRANSCO/132KVSS Chilakalaguda/ Hyderabad

Superintending Engineer/Telecom/TSTRANSCO / 220KV SS/ Mulugu Road / Warangal

Superintending Engineer/Telecom/Rural/TSTRANSCO / GTS Colony/ Erragadda/Hyderabad

Divisional Engineer/ Telecom/ TSTransco/ 220KVSS/Mulugu Road/Warangal

Divisional Engineer/ Telecom/ TSTransco/ 132KVSS/Karim Nagar

Divisional Engineer/ Telecom/ TSTRANSCO/132KV Substation/Mettuguda/Mahaboobnagar.

Divisional Engineer/ Telecom/ TSTRANSCO/132KVSS /Nizamabad.

Divisional Engineer/ Telecom/ TSTRANSCO/132KVSS /Adilabad.

Divisional Engineer/ Telecom/ TSTRANSCO/132KVSS Nalgonda

Divisional Engineer/ Telecom/ TSTRANSCO/132KVSS /Ellandu Road/Khammam-507002.

Divisional Engineer/ Telecom/ TSTRANSCO/Sangareddy/Mint Compound/First Floor Stone Building/Hyderabad-500063.

Divisional Engineer/ Telecom/TSTransco/ 400kV SS/ Mamidipalli/ Pahad-e-Sharif/Hyd.

Divisional Engineer/ Telecom/ Metro/Narayanaguda GIS/TSTRANSCO/Hyderabad.

Divisional Engineer/Transmission Stores/ TSTransco/Erragadda/GTS Colony/Hyd.

Asst. Executive Engineer/Transmission Stores/ TSTransco/220KVSS Shapurnagar/Hyd.

Tender Specification No.: TSPMM31-41/2017; PO.No.168, Dt.12.07.2018									
Annexure-I(Schedule of prices)							(All figures are in India Rupees)		
Sl. No.	Description of the equipment	UOM	Revised Qty.	Units Ex-work price	Unit Insurance & Freight charges	Unit Erection & Commissioning charges	GST@18 % on Unit Ex- works + E&C+F&I	Unit landed Price with taxes	Total landed price inclusive of all taxes
1	Supply, Erection and Commissioning of PLCC Twin channel terminal (40 W)	Nos.	118	204187.00	4771.00	18150.00	40879.44	267987.44	31622517.92
2	Supply, Erection and Commissioning of PLCC Single channel terminal (20 W)	Nos.	84	161167.00	4139.00	18150.00	33022.08	216478.08	18184158.72
3	Supply, Erection and Commissioning of Analog Protection Couplers	Nos.	14	117679.25	1307.00	8800.00	23001.53	150787.78	2111028.85
4	Supply, Erection and Commissioning of 1250A/0.5 mH Wavetraps along with mounting Pedestal and insulator stack.	Nos.	18	284637.00	9852.00	33000.00	58948.02	386437.02	6955866.36
5	Supply, Erection and Commissioning of 630A/0.2 mH Wavetraps along with accessories suitable for suspension mounting.	Nos.	68	122201.00	4988.00	22000.00	26854.02	176043.02	11970925.36
6	Supply, Erection and Commissioning of Phase to Phase coupling units (2 Units)	Set	12	61734.50	1035.00	8800.00	12882.51	84452.01	1013424.12
7	Supply, Erection and Commissioning of Phase to Ground coupling units	Nos.	68	32160.00	622.00	8800.00	7484.76	49066.76	3336539.68
8	Supply, Erection and Commissioning of 125 Ohms Co-axial Cable	Kms.	38	124950.00	1478.00	26400.00	27509.04	180337.04	6852807.52
9	Supply of Electronica make model ET-91 Level meter & Oscillator	Nos.	3	1124476.00	8560.00	0.00	203946.48	1336982.48	4010947.44
10	Supply of Earth megger	Nos.	3	11155.00	42.00	0.00	2015.46	13212.46	39637.38
	Spares								
11	Mandatory spare set for (20W)Single channel PLCC Terminal (One module for each type)	Set	25	105723.00	3430.00	0.00	19647.54	128800.54	3220013.50
12	Mandatory spare set for (40W)Twin channel PLCC Terminal (One module for each type)	Set	18	108080.00	3440.00	0.00	20073.60	131593.60	2368684.80
13	Mandatory spares for Analog protection coupler	Set	3	115000.68	1237.00	0.00	20922.78	137160.46	411481.38
Total (Rs.)									92098033.03
Or Say:									9,20,98,033.00
(Rupees Nine Crores Twenty Lakhs Ninety Eight Thousand and Thirty Three only)									

"WE ACCEPT THE TERMS AND CONDITIONS STIPULATED IN THIS P.O."

Signature of the Contractor with seal

Sd/-
Chief Engineer/P&MM

Annexure-II (Delivery Schedule)

Sl. No.	Description of the equipment	UOM	Total Revised Qty.	Consignment -1	Consignment -2	Delivery Schedule	Destination for delivery of material
(A) Material Supply							
1	Supply of PLCC Twin channel terminal (40 W)	Nos.	118	60	58	Consignment-1: The Supplies shall be completed within 2 months from the date of issue of LOI.	Anywhere in Telangana State
2	Supply of PLCC Single channel terminal (20 W)	Nos.	84	42	42		
3	Supply of Analog Protection Couplers	Nos.	14	8	6		
4	Supply of 1250A/0.5 mH Wavetraps along with mounting Pedestal and insulator stack.	Nos.	18	9	9		
5	Supply of 630A/0.2 mH Wavetraps along with accessories suitable for suspension mounting.	Nos.	68	34	34		
6	Supply of Phase to Phase coupling units (2 Units)	Set	12	6	6		
7	Supply of Phase to Ground coupling units	Nos.	68	34	34		
8	Supply of 125 Ohms Co-axial Cable	Kms.	38	19	19		
9	Supply of Electronica make model ET-91 Level meter & Oscillator	Nos.	3	1	2		
10	Supply of Earth megger	Nos.	3	1	2		
	Spares					Consignment-2: The Supplies shall be completed within 2 months thereafter (4 months from the date of LOI).	
11	Mandatory spare set for (20W)Single channel PLCC Terminal (One module for each type)	Set	25	-	25		
12	Mandatory spare set for (40W)Twin channel PLCC Terminal (One module for each type)	Set	18	-	18		
13	Mandatory spares for Analog protection coupler	Set	3	-	3		
(B) Erection and Commissioning							
14	Erection and commissioning of Twin channel PLCC terminals (40W)	Nos	118	60	58	Erection & commissioning of the equipment shall be completed within ONE month for the lines & stations which are ready under both Consignment-I & Consignment-II from the date of intimation from TSTRANSCO.	Anywhere in Telangana State
15	Erection and commissioning of Single channel PLCC terminals (20 W)	Nos	84	42	42		
16	Erection and commissioning of Analog Protection Couplers	Nos	14	8	6		
17	Erection and commissioning of 1250A/0.5 mH Wavetraps along with mounting Pedastal and insulator stack.	Nos	18	9	9		
18	Erection and commissioning of 630A/0.2 mH Wavetraps along with accessories suitable for suspension mounting.	Nos	68	34	34		
19	Erection and commissioning of Phase to Phase coupling units	Set	12	6	6		
20	Erection and commissioning of Phase to Ground coupling units	Nos	68	34	34		
21	Laying of 125 Ohms Co-axial Cable from yard to PLCC room through trench	Km	38	19	19		

"WE ACCEPT THE TERMS AND CONDITIONS STIPULATED IN THIS P.O."

Signature of the Contractor with seal

Sd/-
Chief Engineer/P&MM